demo\src\main\resources\static\admin_dashboard.js

```
Donst menuToggle = document.getElementById('menuToggle');Donst sidebar =
document.getElementById('sidebar');Donst mainContent =
document.getElementById('mainContent');Donst logoutBtn =
document.getElementById('logout');Donst sessionLoading =
document.getElementById('sessionLoading');Donst sessionTable =
document.getElementById('sessionTable');Bonst userId =
sessionStorage.getItem("userId"); Dunction showModule(moduleId) {Donst
allModules = document.querySelectorAll('.module'); allModules.forEach(mod =>
mod.style.display = 'none'); // hide all#Donst selectedModule =
document.getElementById(moduleId); Df (selectedModule) {D
selectedModule.style.display = 'block'; // show the selected one∌⊅/ Optional
logic for individual modulesDf (moduleId === 'manageUsersModule') {D
loadUsers(); // Function to load users dynamicallyDef (moduleId ===
{DoadUserProfile();DDf (moduleId === 'settingsModule') {D
initializeSettingsModule(); // + b This will run only when you open settlagsD
menuToggle.addEventListener('click', () => {Đ
sidebar.classList.toggle('active');D
mainContent.classList.toggle('expanded');∄); function
formatDateTime(dateTimeStr) {D    if (!dateTimeStr) return 'N/A';D
date = new Date(dateTimeStr);D return new Intl.DateTimeFormat('en-US', {D
                             month: 'short',Đ
       year: 'numeric',Đ
                                                     day: 'numeric',Đ
hour: '2-digit',Đ
                      minute: '2-digit',Đ
                                                second: '2-digit'Đ
    }).format(date); Production loadAdminDashboardData() { DiffuserId) { DiffuserId}
       alert("Admin ID not found in session. Please login again."); Đ
window.location.href = "adminSignin.html";D
                                                return;Đ
sessionLoading.style.display = 'flex';D
                                       sessionTable.style.display = 'none';D
    fetch(`http://localhost:8080/api/admin/${userId}`)D
                                                            .then(response
               if (!response.ok) throw new Error('Failed to fetch admin
=> {Đ
session');Đ
                                                   })Ð
                     return response.json();Đ
                                                             .then(data \Rightarrow {Đ
           sessionLoading.style.display = 'none';D
sessionTable.style.display = 'table';D
document.getElementById("userIdDisplay").textContent = data.userId || "N/A";D
           document.getElementById("userNameDisplay").textContent =
data.userName | "N/A";Đ
document.getElementById("signinTimeDisplay").textContent =
formatDateTime(data.signinTime); D
document.getElementById("logoutTimeDisplay").textContent = data.logoutTimeD
                                                               : "Active";Đ
               ? formatDateTime(data.logoutTime)Đ
           document.getElementById("roleDisplay").textContent = data.role | |
"ADMIN";Đ
                   const statusDisplay =
document.getElementById("statusDisplay");D
                                                   const sidebarStatus =
                                                 if (data.isActive) {Đ
document.getElementById("adminStatus");D
               statusDisplay.innerHTML = '<span style="color:</pre>
green;">Online</span>';D
                                     sidebarStatus.textContent = "Online";D
               sidebarStatus.style.color = "green";D
                                                              } else {Đ
               statusDisplay.innerHTML = '<span style="color: red;">Offline/
                      sidebarStatus.textContent = "Offline";D
span>';Đ
sidebarStatus.style.color = "red";D
                                            }Đ
document.getElementById("sidebarAdminName").textContent = data.userName | |
                     document.getElementById("headerAdminName").textContent
"Unknown";Đ
= data.userName | | "Unknown";Đ
document.getElementById("sidebarAdminRole").textContent = data.role | |
"Admin";Đ
                   document.getElementById("headerAdminRole").textContent =
`(${data.role || "Admin"})`;Đ
                                      const avatar = data.userName ?
data.userName.charAt(0).toUpperCase() : "?";D
document.getElementById("adminAvatar").textContent = avatar;Đ
sessionStorage.setItem("role", data.role);D
```

```
})Ð
                                                         .catch(error => {Đ
           console.error("Error loading admin dashboard:", error);D
           sessionLoading.style.display = 'none';D
                                                           alert("Failed
to load dashboard data. Please login again."); Đ
                                                });∌Ð
window.location.href = "adminSignin.html"; D
logoutBtn.addEventListener('click', function () {D if (!userId) {D
alert("No admin ID found. Already logged out.");D
                                                     window.location.href
                           return; D }D fetch('http://localhost:8080/api/
= "adminSignin.html";Đ
                      method: 'POST',Đ
admin/logout', {Đ
                                             headers: {Đ
                                                                   'Content-
Type': 'application/json'Đ
                                         body: JSON.stringify({ userId:
                               },Đ
          })Ð
userId })Đ
                      .then(response => {Đ
                                                   if (!response.ok) throw
new Error('Logout failed');D
                                    sessionStorage.clear();Đ
window.location.href = "adminSignin.html";D
                                           })Ð
                                                          .catch(error => {Đ
           console.error('Logout error:', error);D
                                                           alert('Logout
failed. Try again.');Đ
                            });∌);Đ
document.addEventListener('DOMContentLoaded', function () {Đ
loadAdminDashboardData();D
                          setInterval(loadAdminDashboardData, 30000); //
Refresh every 30 seconds ); Dsync function fetchAdminNotifications() {Dry {D
const response = await fetch("http://localhost:8080/admin-notifications/
unread"); Donst notifications = await response.json(); Donst notificationList =
document.getElementById("adminNotificationList");Donst notificationCount =
document.getElementById("notificationCount"); DotificationList.innerHTML = ""; D
notificationCount.textContent = notifications.length; D
notifications.forEach(notification => {Đ
                                         const item =
document.createElement("li");D item.innerText = notification.message;D
item.onclick = async () => {Đ
                                  await markAsRead(notification.id);D
fetchAdminNotifications();D };D notificationList.appendChild(item);D);D
catch (error) {Donsole.error("Error fetching notifications:", error);助的/
Mark notification as read in the database sync function
markAsRead(notificationId)  {Dry {Dwait fetch(`http://localhost:8080/admin-
notifications/mark-as-read/${notificationId}`, {D method: "POST",D
headers: { "Content-Type": "application/json" }); → catch (error) {Đ
console.error("Error marking notification as read:", error); 静静/ Close
Notification Panel Dunction closeNotifications() { Đ
document.getElementById("notificationPanel").style.display = "none"; 夢 /
Toggle Notifications Panel Dunction toggle Notifications () {Donst panel =
document.getElementById("notificationPanel");panel.style.display =
panel.style.display === "block" ? "none" : "block";)₱₱/ Load Initial Data₱
fetchAdminNotifications(); Det allUsers = []; Dsync function loadUsers() {Donst
loadingDiv = document.getElementById("userLoading");Donst table =
document.getElementById("userTable");Donst tbody =
document.getElementById("userTableBody");DoadingDiv.style.display = "block";D
table.style.display = "none"; Dry {Donst response = await fetch("http://
localhost:8080/api/all-users"); Df (!response.ok) throw new Error("Failed to
fetch users"); allUsers = await response.json(); displayAllUsers(allUsers); allUsers
catch (error) {Donsole.error("Error loading users:", error);D
loadingDiv.innerText = "Error loading user data.";♦♦• function
displayAllUsers(users) {Donst tbody =
document.getElementById("userTableBody");Donst loadingDiv =
document.getElementById("userLoading");Donst table =
=== 0) {Dbody.innerHTML = `No matching users found.</
tr>`; phelse {Dosers.forEach(user => {Donst row = document.createElement("tr"); D
row.innerHTML = `D ${user.userId}D ${user.userName}D
${user.email}D ${user.phone}D ${user.role}D
tbody.appendChild(row); ) ; ) addingDiv.style.display = "none"; D
table.style.display = "table"; > function filterAndSortAllUsers() { Donst query
= document.getElementById("allUserSearchInput").value.toLowerCase();Donst
sortBy = document.getElementById("allUserSortSelect").value; Det filteredUsers
= allUsers.filter(user => {Đ
```

```
return (Deser.userId.toLowerCase().includes(query)
|| Descr.userName.toLowerCase().includes(query) || Description || 
user.role.toLowerCase().includes(query)#);#);#f (sortBy &&
filteredUsers.length > 0) {bilteredUsers.sort((a, b) => {bonst aVal =
(a[sortBy] || "").toLowerCase();Donst bVal = (b[sortBy] | "").toLowerCase();D
return aVal.localeCompare(bVal); ); ) i poisplayAllUsers(filteredUsers); Definition aval.localeCompare(bVal); Definition a
document.addEventListener("DOMContentLoaded", () => {DoadUsers();D
document.getElementById("allUserSearchInput").addEventListener("input",
filterAndSortAllUsers);
document.getElementById("allUserSortSelect").addEventListener("change",
filterAndSortAllUsers); #); #Det recentUsers = []; #Dsync function
loadRecent20Users() {Donst loadingDiv =
document.getElementById("recentUsersLoading");Donst table =
document.getElementById("recentUsersTable");Donst tbody =
document.getElementById("recentUsersTableBody");DoadingDiv.style.display =
"block"; Dable.style.display = "none"; Dry {Donst response = await
fetch("http://localhost:8080/api/users/recent"); fi (!response.ok) throw new
Error("Failed to fetch users");DecentUsers = await response.json(); // make
sure this gets filledaisplayUsers(recentUsers); → catch (error) {Đ
console.error("Error loading users:", error); DoadingDiv.innerText = "Error
loading user data."; ) function displayUsers(users) {Donst tbody =
document.getElementById("recentUsersTableBody");Donst loadingDiv =
document.getElementById("recentUsersLoading");Donst table =
document.getElementById("recentUsersTable"); Dbody.innerHTML = ""; Df
(users.length === 0) {Dbody.innerHTML = `No matching
users found.`; # else {Desers.forEach(user => {Donst row =
document.createElement("tr");Dow.innerHTML = `D ${user.userId}D
${user.userName}D ${user.role}D
${formatDate(user.createdAt)}Dody.appendChild(row); ); 中
loadingDiv.style.display = "none"; Dable.style.display = "table"; Dable.style.display = "table";
formatDate(dateString) {Donst date = new Date(dateString);Deturn
date.toLocaleString(); Dounction filterAndSortUsers() {Donst query =
document.getElementById("searchInput").value.toLowerCase();Donst sortBy =
document.getElementById("sortSelect").value; Det filteredUsers =
recentUsers.filter(user => {Deturn (Deser.userId.toLowerCase().includes(query))
| Best.userName.toLowerCase().includes(query) | D
user.role.toLowerCase().includes(query)₱;₱);₱f (sortBy &&
filteredUsers.length > 0)  {filteredUsers.sort((a, b) => {fonst aVal = }) 
(a[sortBy] | | "").toLowerCase();Donst bVal = (b[sortBy] | | "").toLowerCase();D
document.addEventListener("DOMContentLoaded", () => {DoadRecent20Users();D
document.getElementById("searchInput").addEventListener("input",
filterAndSortUsers);Đ
document.getElementById("sortSelect").addEventListener("change",
filterAndSortUsers); ); psync function downloadUserReport() { bonst { jsPDF } =
window.jspdf; Donst doc = new jsPDF(); Donst title = "User Management Report"; D
\verb|const| \texttt{date} = \texttt{new Date().toLocaleString();} \textit{$\not$D$} / \texttt{Add optional logo (uncomment and and all optional logo (uncomment 
use base64 image if needed) $\mathbb{D}/ \doc.addImage("data:image/png;base64,...",
"PNG", 10, 10, 30, 30); D/ Add TitleBoc.setFontSize(18); Boc.text(title, 14,
20); $\mathbf{D}$ Add DateBoc.setFontSize(10); Boc.setTextColor(100); Boc.text("Generated
on: " + date, 14, 27); ₱/ Grab the user table ₱onst table =
document.getElementById("userTable");Donst headers =
Array.from(table.querySelectorAll("thead th")).map(th => th.innerText); Donst
rows = Array.from(table.querySelectorAll("tbody tr")).map(tr =>Đ
Array.from(tr.querySelectorAll("td")).map(td => td.innerText)∌;∌/ Create the
PDF table∄oc.autoTable({∄ead: [headers],∄ody: rows,∄tartY: 35,∄heme: "grid",∄
styles: {DontSize: 10,DellPadding: 3,D,DeadStyles: {DillColor: [60, 141, 188],D
textColor: 255, DontStyle: 'bold', DlternateRowStyles: {DillColor: [245, 245,
245]♦♦);₽/ Download fileĐonst fileName = "User_Report_" + new
Date().toISOString().slice(0, 10) + ".pdf"; D
```

```
doc.save(fileName); ₱ sync function
downloadAllUsersReport() {Donst { jsPDF } = window.jspdf;Donst doc = new
jsPDF();Donst title = "All Users Report";Donst date = new
Date().toLocaleString(); $\mathbf{D}$ / Optional: Add your logo (base64 format image) $\mathbf{D}$ /
doc.addImage("data:image/png;base64,...", "PNG", 10, 10, 30, 30); p/ TitleĐ
doc.setFontSize(18); Boc.text(title, 14, 20); D/ DateBoc.setFontSize(10); D
doc.setTextColor(100); boc.text("Generated on: " + date, 14, 27); p/ Fetch
latest all users dataDry {Donst response = await fetch("http://localhost:8080/
api/all-users"); Df (!response.ok) throw new Error("Failed to fetch users"); D
const users = await response.json(); #Df (!users.length) { #Dlert("No users found
to generate the report."); Deturn; DD/ Format headers and rows Donst headers =
[["User ID", "User Name", "Email", "Phone", "Role"]]; Donst rows =
users.map(user => [Descr.userId, Descr.userName, Descr.email, Descr.phone, Descr.roleD
]); $\mathfrak{D}$ / Create the table in the PDF floc.autoTable({\mathfrak{H}}ead: headers, \mathfrak{D}$ody: rows, \mathfrak{D}$
startY: 35, Dheme: "grid", Dtyles: {DontSize: 10, DellPadding: 3, DeadStyles: {D
fillColor: [60, 141, 188], DextColor: 255, DontStyle: 'bold', D, D
alternateRowStyles: {billColor: [245, 245, 245] 静); b/ Save PDFDonst fileName
= "All_Users_Report_" + new Date().toISOString().slice(0, 10) + ".pdf";Đ
doc.save(fileName);  catch (error) {Donsole.error("Error generating PDF:",
const userId = sessionStorage.getItem("userId"); Df (!userId) {D
console.error("No userId found in sessionStorage"); Deturn; D
localhost:8080/api/profile/${userId}`)Dthen(response => {Df (!response.ok) {D
throw new Error("Failed to fetch user profile");∌Deturn response.json();⊅)Đ
.then(data => {@ocument.getElementById("profileUserId").textContent =
data.userName || "N/A"; document.getElementById("profileEmail").textContent =
                   data.email ||
data.role | "N/A"; focument.getElementById("profileReferralCode").textContent
= data.referralCode | "N/A";Đ
document.getElementById("profileCreatedAt").textContent = data.createdAt | |
"N/A";Đonst pic = localStorage.getItem("adminProfileImage");Đ if (pic) {Đ
document.getElementById("profileImage").src = pic;D
document.getElementById("settingsImage").src = pic;D
document.getElementById("profileImage").classList.add("visible");D
.catch(error => {Donsole.error("Error loading profile:", error);));) Dollar
data on page load Dunction initialize Settings Module() {D const userId =
                                                                                   console.error("No
sessionStorage.getItem("userId");D if (!userId) {D
                                                         showStatus("No user session found",
userId found in sessionStorage");D
                                   }Đ
                                         fetch(`http://localhost:8080/api/profile/
                   return;Đ
true);Đ
${userId}`)Đ
                           .then(res => res.json())D
                                                                        .then(data => {Đ
document.getElementById("currentPhone").textContent =
data.phone | | "N/A";Đ
                                       } )Ð
                                                      .catch(() => showStatus("Failed to load
profile", true)); $\D/ Edit profile (triggers both username and phone edit) D
                                     editUsername();Đ
function editProfile() {Đ
                                                                  editPhone();Đ
document.getElementById("editProfileBtn").style.display = "none"; ) Edit
usernameDunction editUsername() {Đ
document.getElementById("usernameEdit").classList.add("active");D
document.getElementById("usernameInput").value =
document.getElementById("currentUsername").textContent;D
document.getElementById("currentUsername").style.display = "none"; 夢D/ Edit
phone Đunction edit Phone() {Đ
document.getElementById("phoneEdit").classList.add("active");D
document.getElementById("phoneInput").value =
document.getElementById("currentPhone").textContent;D
document.getElementById("currentPhone").style.display = "none"; ) / Cancel editD
function cancelEdit(field) {Đ
```

```
if (field === 'username') {Đ
document.getElementById("usernameEdit").classList.remove("active");D
document.getElementById("currentUsername").style.display = "inline-block";D
    } else if (field === 'phone') {Đ
document.getElementById("phoneEdit").classList.remove("active");D
document.getElementById("currentPhone").style.display = "inline-block";D
                                                                         }Đ
    // Show Edit button only if both edit sections are inactiveĐ
document.getElementById("usernameEdit").classList.contains("active") &&Đ
       document.getElementById("editProfileBtn").style.display = "inline-
          }₱₱/ Save username with validation function saveUsername() {Đ
block";Đ
const updatedName = document.getElementById("usernameInput").value.trim();D
(?!\s)(?!.*\s\{2,\})[a-zA-Z0-9]+(?<!\s)$/;D if (!updatedName)
showStatus("Username cannot be empty", true);Đ
                                                   return;Đ
                                                                   if (!
usernameRegex.test(updatedName)) {D
                                        showStatus("Username must contain
only letters, numbers, and single spaces, and not start/end with space",
                            fetch("http://localhost:8080/api/admin/update-
true);Đ
             return;Đ
                       }Đ
username", {Đ
                                         headers: { "Content-Type":
                  method: "POST",Đ
"application/json" },Đ
                            body: JSON.stringify({ userId, userName:
updatedName }),Đ
                  } )Ð
                            .then(res \Rightarrow {Đ
                                                     if (!res.ok) throw new
Error("Failed to update");
                                    return res.json();Đ
                                                              } ) Đ
        .then(data \Rightarrow {Đ
document.getElementById("currentUsername").textContent = data.userName;D
document.getElementById("usernameEdit").classList.remove("active");D
           document.getElementById("currentUsername").style.display =
"inline-block";Đ
                          showStatus("Username updated successfully.");D
           // Show Edit button if both edit sections are inactiveĐ
if (!document.getElementById("phoneEdit").classList.contains("active")) { }
               document.getElementById("editProfileBtn").style.display =
                                  })Ð
"inline-block";Đ
                                           .catch(() => showStatus("Failed
                          }Đ
to update username", true)); 静夕/ Save phone with validation function
savePhone() {D const updatedPhone =
document.getElementById("phoneInput").value.trim();D
                                                   const userId =
sessionStorage.getItem("userId");D const phoneRegex = /^[6-9]d\{9\}$/;D
(!updatedPhone) {Đ
                       showStatus("Phone number cannot be empty", true);Đ
                  \}Đ
       return;Đ
                     if (!phoneRegex.test(updatedPhone)) {D
showStatus("Phone number must start with 6-9 and be 10 digits", true);Đ
return; Đ
          }Đ
              fetch("http://localhost:8080/api/admin/update-phone", {Đ
       method: "POST", D
                            headers: { "Content-Type": "application/
               body: JSON.stringify({ userId, phone: updatedPhone }), D
                                                                        } ) Đ
json" },Đ
        .then(res => \{Đ
                                 if (!res.ok) throw new Error("Failed to
                    return res.json();Đ
                                             } )Ð
                                                       .then(data \Rightarrow {Đ
update");Đ
           document.getElementById("currentPhone").textContent = data.phone;D
           document.getElementById("phoneEdit").classList.remove("active");D
           document.getElementById("currentPhone").style.display = "inline-
block";Đ
                  showStatus("Phone number updated successfully.");Đ
           // Show Edit button if both edit sections are inactiveĐ
if (!document.getElementById("usernameEdit").classList.contains("active")) {Đ
               document.getElementById("editProfileBtn").style.display =
                          }Đ
                                   })Ð
"inline-block";Đ
                                            .catch(() => showStatus("Failed
to update phone number", true)); ₱₱/ Show status function show Status (message,
isError = false) {D    const el = document.getElementById("settingsStatus");D
   el.textContent = message; D el.style.color = isError ? "red" : "green"; D
    el.classList.add("visible");D setTimeout(() => {D
el.classList.remove("visible");
                                     el.textContent = "";Đ
                                                            }, 3000);∌⊅/
Show success popup function showSuccessPopup (message) {D const popup =
document.getElementById("successPopup");D
                                         const messageEl =
document.getElementById("successMessage");D
```

```
messageEl.textContent = message; D
    popup.style.display = "block"; D
                                     setTimeout(() => {Đ
                                                               closePopup(); D
    }, 3000); // Auto-close after 3 seconds₱₱/ Close popup⊕unction
                const popup = document.getElementById("successPopup");D
closePopup() {Đ
popup.style.display = "none"; ) Show status for failures function
showStatus(message, isError = false) {D const el =
document.getElementById("settingsStatus");D
                                             el.textContent = message; D
el.style.color = isError ? "red" : "green";D
                                             el.classList.add("visible");Đ
    setTimeout(() => {D
                             el.classList.remove("visible");D
el.textContent = "";Đ
                      }, 3000);∌Đonst profilePic =
document.getElementById("profilePic");Donst settingsPic =
document.getElementById("settingsPic"); Donst uploadInput =
document.getElementById("uploadPicInput");Donst pic =
localStorage.getItem("adminProfileImage");D if (pic) {D
document.getElementById("profileImage").src = pic;D
document.getElementById("settingsImage").src = pic;D
document.getElementById("profileImage").classList.add("visible");D
document.getElementById("settingsImage").classList.add("visible");Ð }⊅/
Profile pictureĐ
document.getElementById("uploadInput").addEventListener("change", function
(e) {Donst file = e.target.files[0]; Df (file &&
file.type.startsWith("image/")) {Donst reader = new FileReader();D
reader.onload = function (event) {D const base64Image = event.target.result;D
localStorage.setItem("adminProfileImage", base64Image);D
document.getElementById("profileImage").src = base64Image;D
document.getElementById("settingsImage").src = base64Image; D
document.getElementById("profileImage").classList.add("visible");D
document.getElementById("settingsImage").classList.add("visible");D
showStatus("Profile picture updated successfully."); #); #)
reader.readAsDataURL(file);動);動/ Run on page load動nitializeSettingsModule();Đ
let currentAdminId = 'ADMIN_0001'; // Replace with actual admin IDDet isAdmin
= true; // true for admin#Det receiverId = 'USER_0001'; // Replace with the
logged-in user's ID\mathfrak{D}/ Fetch chat messages from backend\mathfrak{D}unction
loadChatMessages() {Detch(`http://localhost:8080/chat/conversation?
userId=${receiverId}&adminId=${currentAdminId}`)Dthen(res => res.json())D
.then(data => {Donst chatBox = document.getElementById('chatBox');D
chatBox.innerHTML = ''; // Clear previous messagesData.forEach(msg => {Donst
div = document.createElement('div'); Div.classList.add('chat-message'); Df
(msg.senderId === currentAdminId) {D div.classList.add('admin-message');}
else {Đ div.classList.add('user-message');)D/ Format timestamp to HH:MM AM/PM
formatDonst timestamp = new Date(msg.timestamp);Donst timeString =
timestamp.toLocaleTimeString('en-US', {D hour: '2-digit',D minute: '2-digit',D
 hour12: true, D timeZone: 'Asia/Kolkata' // Change to your preferred time
zone)); p/ Show message and timediv.innerHTML = `<span>${msg.message}<//
span><br><small class="timestamp">${timeString}</small>`;D
chatBox.appendChild(div); **); **DhatBox.scrollTop = chatBox.scrollHeight; //
Scroll to bottom))Dcatch(err => {Donsole.error('Error loading chat
input = document.getElementById('chatInput');Donst message =
input.value.trim(); Df (!message) return; Donst payload = {DenderId:
currentAdminId,DeceiverId: receiverId,Dessage: message,Dimestamp: new
Date().toISOString()#):Detch('http://localhost:8080/chat/send', {method:
'POST', headers: { 'Content-Type': 'application/json' }, hody:
JSON.stringify(payload))) Dthen(res => {Df (res.ok) {Dnput.value = ''; //
Clear input fieldDoadChatMessages(); // Refresh chatDD)Dcatch(err => {D
console.error('Error sending message:', err);

);

Auto-refresh chat every 5
secondsDetInterval(loadChatMessages, 100000);Dindow.onload = loadChatMessages;D
```

demo\src\main\resources\static\user_dashboard3.js

```
const menuToggle = document.getElementById('menuToggle');D
const sidebar = document.getElementById('sidebar');D
= document.getElementById('mainContent');D
                                                 const logoutBtn =
document.getElementById('logout');D
                                        const sessionLoading =
document.getElementById('sessionLoading');D
                                                 const sessionTable =
document.getElementById('sessionTable');D
                                                    const userId =
sessionStorage.getItem("userId");D
                                           Ð
                                                    function
showModule(moduleId) {D const allModules =
document.querySelectorAll('.module');D allModules.forEach(mod =>
mod.style.display = 'none'); // hide allD const selectedModule =
document.getElementById(moduleId);D if (selectedModule) {D
selectedModule.style.display = 'block'; // show the selected oneĐ }Đ
    if (moduleId === 'userProfileModule') {Đ loadUserProfile();∄Ðf (moduleId
=== 'settingsModule') {D initializeSettingsModule(); // + p This will run only
when you open settingsĐ }Đ if (moduleId === 'chatModule') {Đ
loadChatMessages();Đ
                          }Đ
                               }Đ
                                      // Toggle sidebarĐ
menuToggle.addEventListener('click', () => {Đ
sidebar.classList.toggle('active');D
mainContent.classList.toggle('expanded');D
                                                 });Đ Đ
                                                              // Format
                            function formatDateTime(dateTimeStr) {Đ
datetime for displayĐ
if (!dateTimeStr) return 'N/A';
                                          const date = new Date(dateTimeStr);D
           return new Intl.DateTimeFormat('en-US', {Đ
'numeric',Đ
                                                         day: 'numeric',Đ
                          month: 'short',Đ
                hour: '2-digit',Đ
                                                minute: '2-digit',Đ
                                             }).format(date);
                                                                          Đ
                second: '2-digit'Đ
                                                                     }Đ
        // Load dashboard dataĐ
                                    function loadDashboardData() {Đ
            if (!userId) {Đ
                                         alert("User ID not found in
session. Please login again.");Đ
                                               window.location.href =
                             return;Đ
"signin.html";Đ
                                                 }Đ
                                                     Ð
sessionLoading.style.display = 'flex';D
                                                  sessionTable.style.display
= 'none';Đ Đ
                        fetch(`http://localhost:8080/api/user_sessions/
${userId}`)Đ
                          .then(response => {Đ
                                                                  if (!
response.ok) throw new Error('Failed to fetch session'); Đ
                                                         .then(data \Rightarrow {Đ
return response.json();Đ
                                       })Ð
                    sessionLoading.style.display = 'none';D
sessionTable.style.display = 'table';D
                                                             // Session dataĐ
document.getElementById("userIdDisplay").textContent = data.userId || "N/A";D
                    document.getElementById("userNameDisplay").textContent =
data.userName || "N/A";Đ
document.getElementById("signinTimeDisplay").textContent =
formatDateTime(data.signinTime); D
document.getElementById("logoutTimeDisplay").textContent = data.logoutTimeD
                        ? formatDateTime(data.logoutTime)Đ
                        : "Active";Đ
document.getElementById("roleDisplay").textContent = data.role || "USER";D
                    // StatusĐ
                                                 const statusDisplay =
document.getElementById("statusDisplay");D
                                                             const
sidebarUserStatus = document.getElementById("userStatus");D
                    if (data.isActive) {Đ
statusDisplay.innerHTML = '<span style="color: green;">Online</span>';Đ
                        sidebarUserStatus.textContent = "Online";D
                        sidebarUserStatus.style.color = "green";D
                    } else {Đ
                                                    statusDisplay.innerHTML =
'<span style="color: red;">Offline</span>';D
sidebarUserStatus.textContent = "Offline";D
sidebarUserStatus.style.color = "red";D
                                                          }Đ
                                                               Đ
                    // User InfoĐ
document.getElementById("sidebarUserName").textContent = data.userName ||
```

```
"Unknown";Đ
document.getElementById("headerUserName").textContent = data.userName | |
"Unknown";Đ
document.getElementById("sidebarUserRole").textContent = data.role || "User";D
                                document.getElementById("headerUserRole").textContent =
`(${data.role || "User"})`;Đ
                                               Ð
                                                                                  const avatar =
data.userName ? data.userName.charAt(0).toUpperCase() : "?";D
                               document.getElementById("userAvatar").textContent =
                                                 sessionStorage.setItem("role", data.role);D
avatar;Đ
                          } ) Đ
                                                       .catch(error => {Đ
console.error("Error loading dashboard data:", error);D
sessionLoading.style.display = 'none';D
                                                                                             alert("Failed to
load dashboard data. Please login again."); D
window.location.href = "signin.html"; D
                                                                                     });Đ
                                                                                                       }Đ
                                                 logoutBtn.addEventListener('click', function
             // Handle logoutĐ
() {Đ
                         if (!userId) {Đ
                                                                         alert("No user ID found.
                                                             window.location.href = "signin.html"; D
Already logged out.");Đ
                                                        }Đ Đ
                                                                                   fetch('http://
                         return;Đ
                                                                       method: 'POST',Đ
localhost:8080/api/logout', {Đ
                                                'Content-Type': 'application/json'Đ
headers: {Đ
                                                      body: JSON.stringify({ userId: userId })D
                   })Ð
                                                .then(response => {Đ
                                                                                                               if (!
response.ok) throw new Error('Logout failed'); Đ
sessionStorage.clear();D
                                                                     window.location.href =
"signin.html";Đ
                                                })Ð
                                                                            .catch(error => {Đ
                                console.error('Logout error:', error);D
alert('Logout failed. Try again.'); Đ
                                                                                                    });Đ
                                                                                                               Đ
             // Init dashboardĐ
document.addEventListener('DOMContentLoaded', function () {Đ
loadDashboardData();
                                     setInterval(loadDashboardData, 30000); //
Refresh every 30 secondsĐ
                                                  });Đ
                                                                    function loadUserProfile() {Đ
const userId = sessionStorage.getItem("userId");D if (!userId) {D
console.error("No userId found in sessionStorage"); P return; P } D
fetch(`http://localhost:8080/api/profile/$\{userId\}`) \\ \label{eq:definition} \ .then(response => \{Delta ( Albert Albert
                                                   throw new Error("Failed to fetch user
         if (!response.ok) {Đ
                                    return response.json(); D }) D .then(data => {D
profile");Đ
                         }Đ
document.getElementById("profileUserId").textContent = data.userId || "N/A";D
         document.getElementById("profileUserName").textContent = data.userName
                       document.getElementById("profileEmail").textContent =
| | "N/A";Đ
data.email || "N/A";Đ
                                         document.getElementById("profilePhone").textContent
= data.phone || "N/A";Đ
document.getElementById("profileRole").textContent = data.role || "N/A";D
document.getElementById("profileReferralCode").textContent =
document.getElementById("profileCreatedAt").textContent = data.createdAt | |
                   const pic = localStorage.getItem("userProfileImage");D
                                                                                                                         if
"N/A";Đ
                              document.getElementById("profileImage").src = pic;D
(pic) {Đ
                   document.getElementById("settingsImage").src = pic;D
document.getElementById("profileImage").classList.add("visible");D
document.getElementById("settingsImage").classList.add("visible");D
                                                                                                                          }Đ
               .catch(error => {Đ
                                               console.error("Error loading profile:",
                               // Load data on page loadĐ
error);Đ
                 });∌Ð Ð
                                                                               function
initializeSettingsModule() {Đ
                                                                const userId =
sessionStorage.getItem("userId");D
                                                                        if (!userId) {Đ
console.error("No userId found in sessionStorage"); D
showStatus("No user session found", true);D
                                                                                                                            }Đ
                                                                                             return; Đ
                   fetch(`http://localhost:8080/api/profile/${userId}`)D
                          .then(res => res.json())Đ
                                                                                          .then(data => {Đ
                                document.getElementById("currentUsername").textContent =
data.userName | | "N/A";Đ
```

```
})Ð
                                 .catch(() => showStatus("Failed to load
                                 // Edit profile (triggers both username and
profile", true));
                        }Đ
phone edit)Đ
                  function editProfile() {Đ
                                                      editUsername();Đ
           editPhone();Đ
document.getElementById("editProfileBtn").style.display = "none";D
                                                                        }Đ
        // Edit usernameĐ
                              function editUsername() {Đ
document.getElementById("usernameEdit").classList.add("active");D
document.getElementById("usernameInput").value =
document.getElementById("currentUsername").textContent;D
document.getElementById("currentUsername").style.display = "none";D
                                                                         }Đ
        // Edit phoneĐ
                            function editPhone() {Đ
document.getElementById("phoneEdit").classList.add("active");D
document.getElementById("phoneInput").value =
document.getElementById("currentPhone").textContent;D
document.getElementById("currentPhone").style.display = "none";D
                                                                      }Đ
        // Cancel editĐ
                             function cancelEdit(field) {Đ
                                                                     if
(field === 'username') {Đ
document.getElementById("usernameEdit").classList.remove("active");D
               document.getElementById("currentUsername").style.display =
                          \} else if (field === 'phone') \{Đ
"inline-block";Đ
document.getElementById("phoneEdit").classList.remove("active");D
               document.getElementById("currentPhone").style.display =
"inline-block";Đ
                                       // Show Edit button only if both edit
                                if (!
sections are inactiveĐ
document.getElementById("usernameEdit").classList.contains("active") &&Đ
document.getElementById("phoneEdit").classList.contains("active")) { D
               document.getElementById("editProfileBtn").style.display =
                          }Đ
"inline-block";Đ
                                           // Save username with validationĐ
                                   }Đ
        function saveUsername() {Đ
                                            const updatedName =
document.getElementById("usernameInput").value.trim();D
                                                                 const
userId = sessionStorage.getItem("userId");D
                                                     const usernameRegex = /
(?!\s)(?!.*\s\{2,\})[a-zA-z0-9]+(?<!\s)$/;D
                                                    if (!updatedName) {Đ
               showStatus("Username cannot be empty", true);Đ
                               if (!usernameRegex.test(updatedName)) {D
return; Đ
               showStatus("Username must contain only letters, numbers, and
single spaces, and not start/end with space", true); Đ
                        fetch("http://localhost:8080/api/update-username", {Đ
               method: "POST",Đ
                                              headers: { "Content-Type":
                                    body: JSON.stringify({ userId, userName:
"application/json" },Đ
updatedName }),Đ
                          })Ð
                                            .then(res => {Đ
                   if (!res.ok) throw new Error("Failed to update");D
                   return res.json();Đ
                                                     })Ð
                .then(data \Rightarrow {Đ
document.getElementById("currentUsername").textContent = data.userName;D
document.getElementById("usernameEdit").classList.remove("active");D
                   document.getElementById("currentUsername").style.display
= "inline-block";Đ
                                    showStatus("Username updated
successfully.");D
                                   // Show Edit button if both edit sections
are inactiveĐ
                               if (!
document.getElementById("phoneEdit").classList.contains("active")) {Đ
document.getElementById("editProfileBtn").style.display = "inline-block";D
                   }Đ
                                    })Ð
                                                      .catch(() =>
showStatus("Failed to update username", true));D
                                                      }Đ
                                                               // Save phone
with validationĐ
                      function savePhone() {Đ
                                                        const updatedPhone =
document.getElementById("phoneInput").value.trim();D
```

```
const userId =
sessionStorage.getItem("userId");D
                                          const phoneRegex = /
^[6-9]\d{9}$/;Đ
                       if (!updatedPhone) {Đ
showStatus("Phone number cannot be empty", true); Đ
                                                             return; Đ
              if (!phoneRegex.test(updatedPhone)) {D
showStatus("Phone number must start with 6-9 and be 10 digits", true);Đ
                                             fetch("http://localhost:8080/
              return;Đ
                                 }Đ
method: "POST",Đ
                                                               headers:
                                                   bodv:
JSON.stringify({ userId, phone: updatedPhone }),D
                                                        } ) Đ
               .then(res => \{Đ
                                               if (!res.ok) throw new
Error("Failed to update");D
                                           return res.json();Đ
               } )Ð
                                .then(data \Rightarrow {Đ
document.getElementById("currentPhone").textContent = data.phone;D
document.getElementById("phoneEdit").classList.remove("active");D
                  document.getElementById("currentPhone").style.display =
"inline-block";Đ
                                 showStatus("Phone number updated
successfully.");Đ
                                  // Show Edit button if both edit sections
                              if (!
are inactiveĐ
document.getElementById("usernameEdit").classList.contains("active")) {Đ
document.getElementById("editProfileBtn").style.display = "inline-block";D
                  }Đ
                                  })Ð
                                                   .catch(() =>
showStatus("Failed to update phone number", true));Đ
                                                      }Đ
                                                                      //
                                                              Ð
                 function showStatus(message, isError = false) {Đ
Show statusĐ
const el = document.getElementById("settingsStatus");D
                                  el.style.color = isError ? "red" :
el.textContent = message; D
                  el.classList.add("visible");
"green";Đ
                                                       setTimeout(() => {Đ
               el.classList.remove("visible");
                                                           el.textContent
= "";Đ
                }, 3000);Đ
                               }Đ
                                       // Show success popupĐ
function showSuccessPopup(message) {Đ
                                             const popup =
document.getElementById("successPopup");D
                                                const messageEl =
document.getElementById("successMessage");D
                                                  messageEl.textContent =
                  popup.style.display = "block"; D
message;Đ
                                                          setTimeout(()
=> {Đ
                                          }, 3000); // Auto-close after 3
                  closePopup(); D
secondsĐ
              }Đ
                      // Close popupĐ
                                           function closePopup() {Đ
           const popup = document.getElementById("successPopup");D
                              }Đ
popup.style.display = "none";D
                                       // Show status for failuresĐ
       function showStatus(message, isError = false) {Đ
                                                               const el =
document.getElementById("settingsStatus");D
                                                  el.textContent =
           el.style.color = isError ? "red" : "green";Đ
message;Đ
                                     setTimeout(() => {Đ
el.classList.add("visible");
el.classList.remove("visible");D
                                            el.textContent = "";Đ
           }, 3000);Đ
                                   const profilePic =
                          }Đ
document.getElementById("settingsPic");D
                                         const uploadInput =
document.getElementById("uploadPicInput");D
                                             const pic =
localStorage.getItem("userProfileImage");D
                                                if (pic) {Đ
document.getElementById("profileImage").src = pic;D
document.getElementById("settingsImage").src = pic;D
document.getElementById("profileImage").classList.add("visible");D
document.getElementById("settingsImage").classList.add("visible");D
                                                                       }Đ
       // Profile pictureĐ
document.getElementById("uploadInput").addEventListener("change", function
         file.type.startsWith("image/")) {Đ
                                   const reader = new FileReader();D
       reader.onload = function (event) {Đ const base64Image =
event.target.result;Đ
                           localStorage.setItem("userProfileImage",
base64Image);
```

```
document.getElementById("profileImage").src =
base64Image;Đ
                     document.getElementById("settingsImage").src =
base64Image;Đ
document.getElementById("profileImage").classList.add("visible");D
document.getElementById("settingsImage").classList.add("visible");D
showStatus("Profile picture updated successfully.");D
reader.readAsDataURL(file);D
                             }Đ });Đ ⊅/ Run on page loadĐ
initializeSettingsModule(); D D/ Show the notification when a new message is
received Dunction show Custom Notification() {D const notification Area =
document.getElementById("notificationArea");D notificationArea.style.display
= "block"; // Show the notification \mathcal{D} // Event listener to hide the
notification when clickedD notificationArea.addEventListener('click', () => {D
   notificationArea.style.display = "none"; // Hide on clickD });D // Hide
the notification after 3 seconds if not clickedD setTimeout(() => {D
(notificationArea.style.display !== "none") {Đ
notificationArea.style.display = "none";D
                                          }Đ }, 3000);∌Đet currentUserId =
'USER_0001'; // Replace with actual logged-in IDDet isAdmin = false; // true
if admin, false if userDet receiverId = 'ADMIN_0001'; // Replace with actual
receiver (admin ID)₽/ Fetch chat messages from backend⊕unction
loadChatMessages() {D fetch(`http://localhost:8080/chat/conversation?
userId=${currentUserId}&adminId=ADMIN_0001`) // Pass userId and adminIdĐ
    .then(res => res.json())D .then(data => {D
                                                   const chatBox =
document.getElementById('chatBox');D
                                      chatBox.innerHTML = ''; // Clear
previous messagesĐ
                      data.forEach(msg => {Đ
                                               const div =
document.createElement('div');D
                                    div.classList.add('chat-message');D
        // Add different class based on senderĐ
                                                  if (msg.senderId ===
                         div.classList.add('user-message');D
currentUserId) {Đ
                                                                } else {Đ
         div.classList.add('admin-message');D
                                                    }Đ
                                                             // Format
timestamp to time onlyĐ
                             const timeOnly = new
Date(msg.timestamp).toLocaleTimeString('en-IN', {D
                                                          hour: '2-digit',Đ
                                                            timeZone: 'Asia/
         minute: '2-digit',Đ
                                     hour12: true,Đ
                          // Combine message and timeĐ
                                                             div.innerHTML =
Kolkata'Đ
               });Đ
                                               <br>Đ
`Đ
          <span>${msg.message}</span>Đ
                                                             <small
class="timestamp">${timeOnly}</small>D
                                             `;Đ
                             });Đ
chatBox.appendChild(div);
                                       chatBox.scrollTop =
chatBox.scrollHeight; // Scroll to the bottom of the chatD })D .catch(err
         console.error('Error loading chat messages:', err);Đ });静夕/ Send
chat message nction sendChatMessage() {€ const input =
document.getElementById('chatInput');D const message = input.value.trim();D
if (!message) return; D const payload = {D senderId: currentUserId, D
receiverId: receiverId,D message: message,D
                                              timestamp: new
Date().toISOString() // Add timestampD };D fetch('http://localhost:8080/chat/
send', {Đ method: 'POST',Đ headers: { 'Content-Type': 'application/
json' },Đ
           body: JSON.stringify(payload) D }) D
                                               .then(res \Rightarrow {Đ
(res.ok) {Đ
                input.value = ''; // Clear the input fieldĐ
loadChatMessages(); // Reload chat after sendingĐ
                                                     }Đ
                                                           } ) Đ
                                                                 .catch(err
         console.error('Error sending message:', err);D
                                                           });∌⊅/ Auto-
refresh chat every 5 seconds DetInterval(loadChatMessages, 10000); D
window.onload = loadChatMessages; // Load chat on page loadD
```

demo\target\classes\static\admin_dashboard.js

```
Donst menuToggle = document.getElementById('menuToggle');Donst sidebar =
document.getElementById('sidebar');Donst mainContent =
document.getElementById('mainContent');Donst logoutBtn =
document.getElementById('logout');Donst sessionLoading =
document.getElementById('sessionLoading');Donst sessionTable =
document.getElementById('sessionTable');Donst userId =
sessionStorage.getItem("userId"); 5unction showModule(moduleId) {5onst
allModules = document.querySelectorAll('.module'); allModules.forEach(mod =>
mod.style.display = 'none'); // hide all#Donst selectedModule =
document.getElementById(moduleId); Df (selectedModule) {D
selectedModule.style.display = 'block'; // show the selected one∌⊅/ Optional
logic for individual modulesDf (moduleId === 'manageUsersModule') {D
loadUsers(); // Function to load users dynamicallyDef (moduleId ===
{DoadUserProfile();DDf (moduleId === 'settingsModule') {D
initializeSettingsModule(); // + b This will run only when you open settlagsD
menuToggle.addEventListener('click', () => {Đ
sidebar.classList.toggle('active');D
mainContent.classList.toggle('expanded');∄); function
formatDateTime(dateTimeStr) {D    if (!dateTimeStr) return 'N/A';D
date = new Date(dateTimeStr);D return new Intl.DateTimeFormat('en-US', {D
                            month: 'short',Đ
       year: 'numeric',Đ
                                                     day: 'numeric',Đ
hour: '2-digit',Đ
                      minute: '2-digit',Đ
                                                second: '2-digit'Đ
    }).format(date); Production loadAdminDashboardData() { DiffuserId) { DiffuserId}
       alert("Admin ID not found in session. Please login again."); Đ
window.location.href = "adminSignin.html";D
                                                return;Đ
sessionLoading.style.display = 'flex';D
                                       sessionTable.style.display = 'none';D
    fetch(`http://localhost:8080/api/admin/${userId}`)D
                                                            .then(response
               if (!response.ok) throw new Error('Failed to fetch admin
=> {Đ
session');Đ
                                                   })Ð
                     return response.json();Đ
                                                             .then(data \Rightarrow {Đ
           sessionLoading.style.display = 'none';D
sessionTable.style.display = 'table';D
document.getElementById("userIdDisplay").textContent = data.userId || "N/A";D
           document.getElementById("userNameDisplay").textContent =
data.userName | "N/A";Đ
document.getElementById("signinTimeDisplay").textContent =
formatDateTime(data.signinTime); D
document.getElementById("logoutTimeDisplay").textContent = data.logoutTimeD
                                                               : "Active";Đ
               ? formatDateTime(data.logoutTime)Đ
           document.getElementById("roleDisplay").textContent = data.role | |
"ADMIN";Đ
                   const statusDisplay =
document.getElementById("statusDisplay");D
                                                   const sidebarStatus =
                                                 if (data.isActive) {Đ
document.getElementById("adminStatus");D
               statusDisplay.innerHTML = '<span style="color:</pre>
                                     sidebarStatus.textContent = "Online";D
green; ">Online</span>';D
               sidebarStatus.style.color = "green";D
                                                              } else {Đ
               statusDisplay.innerHTML = '<span style="color: red;">Offline/
                      sidebarStatus.textContent = "Offline";D
span>';Đ
sidebarStatus.style.color = "red";D
                                            }Đ
document.getElementById("sidebarAdminName").textContent = data.userName | |
                     document.getElementById("headerAdminName").textContent
"Unknown";Đ
= data.userName | | "Unknown";Đ
document.getElementById("sidebarAdminRole").textContent = data.role | |
"Admin";Đ
                   document.getElementById("headerAdminRole").textContent =
`(${data.role || "Admin"})`;Đ
                                      const avatar = data.userName ?
data.userName.charAt(0).toUpperCase() : "?";D
document.getElementById("adminAvatar").textContent = avatar;Đ
sessionStorage.setItem("role", data.role);D
```

```
})Ð
                                                         .catch(error => {Đ
           console.error("Error loading admin dashboard:", error);D
           sessionLoading.style.display = 'none';D
                                                           alert("Failed
to load dashboard data. Please login again."); Đ
                                                });∌Ð
window.location.href = "adminSignin.html"; D
logoutBtn.addEventListener('click', function () {D if (!userId) {D
alert("No admin ID found. Already logged out.");D
                                                     window.location.href
                           return; D }D fetch('http://localhost:8080/api/
= "adminSignin.html";Đ
                      method: 'POST',Đ
admin/logout', {Đ
                                             headers: {Đ
                                                                   'Content-
Type': 'application/json'Đ
                                         body: JSON.stringify({ userId:
                               },Đ
          })Ð
userId })Đ
                      .then(response => {Đ
                                                   if (!response.ok) throw
new Error('Logout failed');D
                                    sessionStorage.clear();Đ
window.location.href = "adminSignin.html";D
                                           })Ð
                                                          .catch(error => {Đ
           console.error('Logout error:', error);D
                                                           alert('Logout
failed. Try again.');Đ
                            });∌);Đ
document.addEventListener('DOMContentLoaded', function () {Đ
loadAdminDashboardData();D
                          setInterval(loadAdminDashboardData, 30000); //
Refresh every 30 seconds ); Dsync function fetchAdminNotifications() {Dry {D
const response = await fetch("http://localhost:8080/admin-notifications/
unread"); Donst notifications = await response.json(); Donst notificationList =
document.getElementById("adminNotificationList");Donst notificationCount =
document.getElementById("notificationCount"); DotificationList.innerHTML = ""; D
notificationCount.textContent = notifications.length; D
notifications.forEach(notification => {Đ
                                         const item =
document.createElement("li");D item.innerText = notification.message;D
item.onclick = async () => {Đ
                                  await markAsRead(notification.id);D
fetchAdminNotifications();D };D notificationList.appendChild(item);D);D
catch (error) {Donsole.error("Error fetching notifications:", error);助的/
Mark notification as read in the database sync function
markAsRead(notificationId)  {Dry {Dwait fetch(`http://localhost:8080/admin-
notifications/mark-as-read/${notificationId}`, {D method: "POST",D
headers: { "Content-Type": "application/json" }); → catch (error) {Đ
console.error("Error marking notification as read:", error); 静静/ Close
Notification Panel Dunction closeNotifications() { Đ
document.getElementById("notificationPanel").style.display = "none"; 夢 /
Toggle Notifications Panel Dunction toggle Notifications () {Donst panel =
document.getElementById("notificationPanel");panel.style.display =
panel.style.display === "block" ? "none" : "block";)₱₱/ Load Initial Data₱
fetchAdminNotifications(); Det allUsers = []; Dsync function loadUsers() {Donst
loadingDiv = document.getElementById("userLoading");Donst table =
document.getElementById("userTable");Donst tbody =
document.getElementById("userTableBody");DoadingDiv.style.display = "block";D
table.style.display = "none"; Dry {Donst response = await fetch("http://
localhost:8080/api/all-users"); Df (!response.ok) throw new Error("Failed to
fetch users"); allUsers = await response.json(); displayAllUsers(allUsers); allUsers
catch (error) {Donsole.error("Error loading users:", error);D
loadingDiv.innerText = "Error loading user data.";♦♦• function
displayAllUsers(users) {Donst tbody =
document.getElementById("userTableBody");Donst loadingDiv =
document.getElementById("userLoading");Donst table =
=== 0) {Dbody.innerHTML = `No matching users found.</
tr>`; phelse {Dosers.forEach(user => {Donst row = document.createElement("tr"); D
row.innerHTML = `D ${user.userId}D ${user.userName}D
${user.email}D ${user.phone}D ${user.role}D
tbody.appendChild(row); #); #DoadingDiv.style.display = "none"; D
table.style.display = "table"; > function filterAndSortAllUsers() { Donst query
= document.getElementById("allUserSearchInput").value.toLowerCase();Donst
sortBy = document.getElementById("allUserSortSelect").value; Det filteredUsers
= allUsers.filter(user => {Đ
```

```
return (Deser.userId.toLowerCase().includes(query)
|| Descr.userName.toLowerCase().includes(query) || Description || 
user.role.toLowerCase().includes(query)#);#);#f (sortBy &&
filteredUsers.length > 0) {bilteredUsers.sort((a, b) => {bonst aVal =
(a[sortBy] || "").toLowerCase();Donst bVal = (b[sortBy] | "").toLowerCase();D
return aVal.localeCompare(bVal); ); ) i poisplayAllUsers(filteredUsers); Definition aval.localeCompare(bVal); Definition a
document.addEventListener("DOMContentLoaded", () => {DoadUsers();D
document.getElementById("allUserSearchInput").addEventListener("input",
filterAndSortAllUsers);
document.getElementById("allUserSortSelect").addEventListener("change",
filterAndSortAllUsers); #); #Det recentUsers = []; #Dsync function
loadRecent20Users() {Donst loadingDiv =
document.getElementById("recentUsersLoading");Donst table =
document.getElementById("recentUsersTable");Donst tbody =
document.getElementById("recentUsersTableBody");DoadingDiv.style.display =
"block"; Dable.style.display = "none"; Dry {Donst response = await
fetch("http://localhost:8080/api/users/recent"); fi (!response.ok) throw new
Error("Failed to fetch users");DecentUsers = await response.json(); // make
sure this gets filledaisplayUsers(recentUsers); → catch (error) {Đ
console.error("Error loading users:", error); DoadingDiv.innerText = "Error
loading user data."; ) function displayUsers(users) {Donst tbody =
document.getElementById("recentUsersTableBody");Donst loadingDiv =
document.getElementById("recentUsersLoading");Donst table =
document.getElementById("recentUsersTable"); Dbody.innerHTML = ""; Df
(users.length === 0) {Dbody.innerHTML = `No matching
users found.`; # else {Desers.forEach(user => {Donst row =
document.createElement("tr");Dow.innerHTML = `D ${user.userId}D
${user.userName}D ${user.role}D
${formatDate(user.createdAt)}Dody.appendChild(row); ); 中
loadingDiv.style.display = "none"; Dable.style.display = "table"; Dable.style.display = "table";
formatDate(dateString) {Donst date = new Date(dateString);Deturn
date.toLocaleString(); Dounction filterAndSortUsers() {Donst query =
document.getElementById("searchInput").value.toLowerCase();Donst sortBy =
document.getElementById("sortSelect").value; Det filteredUsers =
recentUsers.filter(user => {Deturn (Deser.userId.toLowerCase().includes(query))
| Best.userName.toLowerCase().includes(query) | D
user.role.toLowerCase().includes(query)₱;₱);₱f (sortBy &&
filteredUsers.length > 0)  {filteredUsers.sort((a, b) => {fonst aVal = }) 
(a[sortBy] | | "").toLowerCase();Donst bVal = (b[sortBy] | | "").toLowerCase();D
document.addEventListener("DOMContentLoaded", () => {DoadRecent20Users();D
document.getElementById("searchInput").addEventListener("input",
filterAndSortUsers);Đ
document.getElementById("sortSelect").addEventListener("change",
filterAndSortUsers); ); psync function downloadUserReport() { bonst { jsPDF } =
window.jspdf; Donst doc = new jsPDF(); Donst title = "User Management Report"; D
\verb|const| \texttt{date} = \texttt{new Date().toLocaleString();} \textit{$\not$D$} / \texttt{Add optional logo (uncomment and and all optional logo (uncomment 
use base64 image if needed) $\mathbb{D}/ \doc.addImage("data:image/png;base64,...",
"PNG", 10, 10, 30, 30); D/ Add TitleBoc.setFontSize(18); Boc.text(title, 14,
20); $\mathbf{D}$ Add DateBoc.setFontSize(10); Boc.setTextColor(100); Boc.text("Generated
on: " + date, 14, 27); ₱/ Grab the user table ₱onst table =
document.getElementById("userTable");Donst headers =
Array.from(table.querySelectorAll("thead th")).map(th => th.innerText); Donst
rows = Array.from(table.querySelectorAll("tbody tr")).map(tr =>Đ
Array.from(tr.querySelectorAll("td")).map(td => td.innerText)∌;∌/ Create the
PDF table∄oc.autoTable({∄ead: [headers],∄ody: rows,∄tartY: 35,∄heme: "grid",∄
styles: {DontSize: 10,DellPadding: 3,D,DeadStyles: {DillColor: [60, 141, 188],D
textColor: 255, DontStyle: 'bold', DlternateRowStyles: {DillColor: [245, 245,
245]♦♦);₽/ Download fileĐonst fileName = "User_Report_" + new
Date().toISOString().slice(0, 10) + ".pdf"; D
```

```
doc.save(fileName); ₱ sync function
downloadAllUsersReport() {Donst { jsPDF } = window.jspdf;Donst doc = new
jsPDF();Donst title = "All Users Report";Donst date = new
Date().toLocaleString(); $\mathbf{D}$ / Optional: Add your logo (base64 format image) $\mathbf{D}$ /
doc.addImage("data:image/png;base64,...", "PNG", 10, 10, 30, 30); p/ TitleĐ
doc.setFontSize(18); Boc.text(title, 14, 20); D/ DateBoc.setFontSize(10); D
doc.setTextColor(100); boc.text("Generated on: " + date, 14, 27); p/ Fetch
latest all users dataDry {Donst response = await fetch("http://localhost:8080/
api/all-users"); Df (!response.ok) throw new Error("Failed to fetch users"); D
const users = await response.json(); #Df (!users.length) { #Dlert("No users found
to generate the report."); Deturn; DD/ Format headers and rows Donst headers =
[["User ID", "User Name", "Email", "Phone", "Role"]]; Donst rows =
users.map(user => [Descr.userId, Descr.userName, Descr.email, Descr.phone, Descr.roleD
]); $\mathfrak{D}$ / Create the table in the PDF floc.autoTable({\mathfrak{H}}ead: headers, \mathfrak{D}$ody: rows, \mathfrak{D}$
startY: 35, Dheme: "grid", Dtyles: {DontSize: 10, DellPadding: 3, DeadStyles: {D
fillColor: [60, 141, 188], DextColor: 255, DontStyle: 'bold', D, D
alternateRowStyles: {billColor: [245, 245, 245] 静); b/ Save PDFDonst fileName
= "All_Users_Report_" + new Date().toISOString().slice(0, 10) + ".pdf";Đ
doc.save(fileName);  catch (error) {Donsole.error("Error generating PDF:",
const userId = sessionStorage.getItem("userId"); Df (!userId) {D
console.error("No userId found in sessionStorage"); Deturn; D
localhost:8080/api/profile/${userId}`)Dthen(response => {Df (!response.ok) {D
throw new Error("Failed to fetch user profile");∌Deturn response.json();⊅)Đ
.then(data => {@ocument.getElementById("profileUserId").textContent =
data.userName || "N/A"; document.getElementById("profileEmail").textContent =
                   data.email ||
data.role | "N/A"; focument.getElementById("profileReferralCode").textContent
= data.referralCode | "N/A";Đ
document.getElementById("profileCreatedAt").textContent = data.createdAt | |
"N/A";Đonst pic = localStorage.getItem("adminProfileImage");Đ if (pic) {Đ
document.getElementById("profileImage").src = pic;D
document.getElementById("settingsImage").src = pic;D
document.getElementById("profileImage").classList.add("visible");D
.catch(error => {Donsole.error("Error loading profile:", error);));) Dollar
data on page load Dunction initialize Settings Module() {D const userId =
                                                                                   console.error("No
sessionStorage.getItem("userId");D if (!userId) {D
                                                         showStatus("No user session found",
userId found in sessionStorage");D
                                   }Đ
                                         fetch(`http://localhost:8080/api/profile/
                   return;Đ
true);Đ
${userId}`)Đ
                           .then(res => res.json())D
                                                                        .then(data => {Đ
document.getElementById("currentPhone").textContent =
data.phone | | "N/A";Đ
                                       } )Ð
                                                      .catch(() => showStatus("Failed to load
profile", true)); $\D/ Edit profile (triggers both username and phone edit) D
                                     editUsername();Đ
function editProfile() {Đ
                                                                  editPhone();Đ
document.getElementById("editProfileBtn").style.display = "none"; ) Edit
usernameDunction editUsername() {Đ
document.getElementById("usernameEdit").classList.add("active");D
document.getElementById("usernameInput").value =
document.getElementById("currentUsername").textContent;D
document.getElementById("currentUsername").style.display = "none"; 夢D/ Edit
phone Đunction edit Phone() {Đ
document.getElementById("phoneEdit").classList.add("active");D
document.getElementById("phoneInput").value =
document.getElementById("currentPhone").textContent;D
document.getElementById("currentPhone").style.display = "none"; ) / Cancel editD
function cancelEdit(field) {Đ
```

```
if (field === 'username') {Đ
document.getElementById("usernameEdit").classList.remove("active");D
document.getElementById("currentUsername").style.display = "inline-block";D
    } else if (field === 'phone') {Đ
document.getElementById("phoneEdit").classList.remove("active");D
document.getElementById("currentPhone").style.display = "inline-block";D
                                                                         }Đ
    // Show Edit button only if both edit sections are inactiveĐ
document.getElementById("usernameEdit").classList.contains("active") &&Đ
       document.getElementById("editProfileBtn").style.display = "inline-
          }₱₱/ Save username with validation function saveUsername() {Đ
block";Đ
const updatedName = document.getElementById("usernameInput").value.trim();D
(?!\s)(?!.*\s\{2,\})[a-zA-Z0-9]+(?<!\s)$/;D if (!updatedName)
showStatus("Username cannot be empty", true);Đ
                                                   return;Đ
                                                                   if (!
usernameRegex.test(updatedName)) {D
                                        showStatus("Username must contain
only letters, numbers, and single spaces, and not start/end with space",
                            fetch("http://localhost:8080/api/admin/update-
true);Đ
             return;Đ
                       }Đ
username", {Đ
                                         headers: { "Content-Type":
                  method: "POST",Đ
"application/json" },Đ
                            body: JSON.stringify({ userId, userName:
updatedName }),Đ
                  } )Ð
                            .then(res \Rightarrow {Đ
                                                     if (!res.ok) throw new
Error("Failed to update");
                                    return res.json();Đ
                                                              } ) Đ
        .then(data \Rightarrow {Đ
document.getElementById("currentUsername").textContent = data.userName;D
document.getElementById("usernameEdit").classList.remove("active");D
           document.getElementById("currentUsername").style.display =
"inline-block";Đ
                          showStatus("Username updated successfully.");D
           // Show Edit button if both edit sections are inactiveĐ
if (!document.getElementById("phoneEdit").classList.contains("active")) { }
               document.getElementById("editProfileBtn").style.display =
                                  })Ð
"inline-block";Đ
                                           .catch(() => showStatus("Failed
                          }Đ
to update username", true)); 静夕/ Save phone with validation function
savePhone() {D const updatedPhone =
document.getElementById("phoneInput").value.trim();D
                                                   const userId =
sessionStorage.getItem("userId");D const phoneRegex = /^[6-9]d\{9\}$/;D
(!updatedPhone) {Đ
                       showStatus("Phone number cannot be empty", true);Đ
                  \}Đ
       return;Đ
                     if (!phoneRegex.test(updatedPhone)) {D
showStatus("Phone number must start with 6-9 and be 10 digits", true);Đ
return; Đ
          }Đ
              fetch("http://localhost:8080/api/admin/update-phone", {Đ
       method: "POST", D
                            headers: { "Content-Type": "application/
               body: JSON.stringify({ userId, phone: updatedPhone }), D
                                                                        } ) Đ
json" },Đ
        .then(res => \{Đ
                                 if (!res.ok) throw new Error("Failed to
                    return res.json();Đ
                                             } )Ð
                                                       .then(data \Rightarrow {Đ
update");Đ
           document.getElementById("currentPhone").textContent = data.phone;D
           document.getElementById("phoneEdit").classList.remove("active");D
           document.getElementById("currentPhone").style.display = "inline-
block";Đ
                  showStatus("Phone number updated successfully.");Đ
           // Show Edit button if both edit sections are inactiveĐ
if (!document.getElementById("usernameEdit").classList.contains("active")) {Đ
               document.getElementById("editProfileBtn").style.display =
                          }Đ
                                   })Ð
"inline-block";Đ
                                            .catch(() => showStatus("Failed
to update phone number", true)); ₱₱/ Show status function show Status (message,
isError = false) {D    const el = document.getElementById("settingsStatus");D
   el.textContent = message; D el.style.color = isError ? "red" : "green"; D
    el.classList.add("visible");D setTimeout(() => {D
el.classList.remove("visible");
                                     el.textContent = "";Đ
                                                            }, 3000);∌⊅/
Show success popup function showSuccessPopup (message) {D const popup =
document.getElementById("successPopup");D
                                         const messageEl =
document.getElementById("successMessage");D
```

```
messageEl.textContent = message; D
    popup.style.display = "block"; D
                                     setTimeout(() => {Đ
                                                               closePopup(); D
    }, 3000); // Auto-close after 3 seconds₱₱/ Close popup⊕unction
                const popup = document.getElementById("successPopup");D
closePopup() {Đ
popup.style.display = "none"; ) Show status for failures function
showStatus(message, isError = false) {D const el =
document.getElementById("settingsStatus");D
                                             el.textContent = message; D
el.style.color = isError ? "red" : "green";D
                                             el.classList.add("visible");Đ
    setTimeout(() => {D
                             el.classList.remove("visible");D
el.textContent = "";Đ
                      }, 3000);∌Đonst profilePic =
document.getElementById("profilePic");Donst settingsPic =
document.getElementById("settingsPic"); Donst uploadInput =
document.getElementById("uploadPicInput");Donst pic =
localStorage.getItem("adminProfileImage");D if (pic) {D
document.getElementById("profileImage").src = pic;D
document.getElementById("settingsImage").src = pic;D
document.getElementById("profileImage").classList.add("visible");D
document.getElementById("settingsImage").classList.add("visible");Ð }⊅/
Profile pictureĐ
document.getElementById("uploadInput").addEventListener("change", function
(e) {Donst file = e.target.files[0]; Df (file &&
file.type.startsWith("image/")) {Donst reader = new FileReader();D
reader.onload = function (event) {D const base64Image = event.target.result;D
localStorage.setItem("adminProfileImage", base64Image);D
document.getElementById("profileImage").src = base64Image;D
document.getElementById("settingsImage").src = base64Image; D
document.getElementById("profileImage").classList.add("visible");D
document.getElementById("settingsImage").classList.add("visible");D
showStatus("Profile picture updated successfully."); #); #)
reader.readAsDataURL(file);動);動/ Run on page load動nitializeSettingsModule();Đ
let currentAdminId = 'ADMIN_0001'; // Replace with actual admin IDDet isAdmin
= true; // true for admin#Det receiverId = 'USER_0001'; // Replace with the
logged-in user's ID\mathfrak{D}/ Fetch chat messages from backend\mathfrak{D}unction
loadChatMessages() {Detch(`http://localhost:8080/chat/conversation?
userId=${receiverId}&adminId=${currentAdminId}`)Dthen(res => res.json())D
.then(data => {Donst chatBox = document.getElementById('chatBox');D
chatBox.innerHTML = ''; // Clear previous messagesata.forEach(msg => {Donst
div = document.createElement('div'); Div.classList.add('chat-message'); Df
(msg.senderId === currentAdminId) {D div.classList.add('admin-message');}
else {Đ div.classList.add('user-message');)D/ Format timestamp to HH:MM AM/PM
formatDonst timestamp = new Date(msg.timestamp);Donst timeString =
timestamp.toLocaleTimeString('en-US', {D hour: '2-digit',D minute: '2-digit',D
 hour12: true, D timeZone: 'Asia/Kolkata' // Change to your preferred time
zone)); p/ Show message and timediv.innerHTML = `<span>${msg.message}<//
span><br><small class="timestamp">${timeString}</small>`;D
chatBox.appendChild(div); **); **DhatBox.scrollTop = chatBox.scrollHeight; //
Scroll to bottom))Dcatch(err => {Donsole.error('Error loading chat
input = document.getElementById('chatInput');Donst message =
input.value.trim(); Df (!message) return; Donst payload = {DenderId:
currentAdminId,DeceiverId: receiverId,Dessage: message,Dimestamp: new
Date().toISOString()#):Detch('http://localhost:8080/chat/send', {method:
'POST', headers: { 'Content-Type': 'application/json' }, hody:
JSON.stringify(payload))) Dthen(res => {Df (res.ok) {Dnput.value = ''; //
Clear input fieldDoadChatMessages(); // Refresh chatDD)Dcatch(err => {D
console.error('Error sending message:', err);

);

Auto-refresh chat every 5
secondsDetInterval(loadChatMessages, 100000);Dindow.onload = loadChatMessages;D
```

demo\target\classes\static\user_dashboard3.js

```
const menuToggle = document.getElementById('menuToggle');D
const sidebar = document.getElementById('sidebar');D
= document.getElementById('mainContent');D
                                                 const logoutBtn =
document.getElementById('logout');D
                                       const sessionLoading =
document.getElementById('sessionLoading');D
                                                  const sessionTable =
document.getElementById('sessionTable');D
                                                    const userId =
sessionStorage.getItem("userId");D
                                           Ð
                                                    function
showModule(moduleId) {D const allModules =
document.querySelectorAll('.module');D allModules.forEach(mod =>
mod.style.display = 'none'); // hide allD const selectedModule =
document.getElementById(moduleId);D if (selectedModule) {D
selectedModule.style.display = 'block'; // show the selected oneĐ }Đ
    if (moduleId === 'userProfileModule') {Đ loadUserProfile();∄Ðf (moduleId
=== 'settingsModule') {D initializeSettingsModule(); // + p This will run only
when you open settingsĐ }Đ if (moduleId === 'chatModule') {Đ
loadChatMessages();Đ
                          }Đ
                               }Đ
                                      // Toggle sidebarĐ
menuToggle.addEventListener('click', () => {Đ
sidebar.classList.toggle('active');D
mainContent.classList.toggle('expanded');D
                                                 });Đ Đ
                                                              // Format
                           function formatDateTime(dateTimeStr) {Đ
datetime for displayĐ
if (!dateTimeStr) return 'N/A';Đ
                                          const date = new Date(dateTimeStr);D
           return new Intl.DateTimeFormat('en-US', {Đ
'numeric',Đ
                                                         day: 'numeric',Đ
                         month: 'short',Đ
                hour: '2-digit',Đ
                                                minute: '2-digit',Đ
                                             }).format(date);
                                                                          Đ
                second: '2-digit'Đ
                                                                     }Đ
        // Load dashboard dataĐ
                                    function loadDashboardData() {Đ
            if (!userId) {Đ
                                         alert("User ID not found in
session. Please login again.");Đ
                                               window.location.href =
"signin.html";Đ
                             return;Đ
                                                 }Đ
                                                     Ð
sessionLoading.style.display = 'flex';D
                                                  sessionTable.style.display
= 'none';Đ Đ
                        fetch(`http://localhost:8080/api/user_sessions/
${userId}`)Đ
                          .then(response => {Đ
                                                                  if (!
response.ok) throw new Error('Failed to fetch session'); Đ
                                                         .then(data \Rightarrow {Đ
return response.json();Đ
                                       })Ð
                    sessionLoading.style.display = 'none';D
sessionTable.style.display = 'table';D
                                                             // Session dataĐ
document.getElementById("userIdDisplay").textContent = data.userId || "N/A";D
                    document.getElementById("userNameDisplay").textContent =
data.userName || "N/A";Đ
document.getElementById("signinTimeDisplay").textContent =
formatDateTime(data.signinTime); D
document.getElementById("logoutTimeDisplay").textContent = data.logoutTimeD
                        ? formatDateTime(data.logoutTime)Đ
                        : "Active";Đ
document.getElementById("roleDisplay").textContent = data.role || "USER";D
                    // StatusĐ
                                                 const statusDisplay =
document.getElementById("statusDisplay");D
                                                             const
sidebarUserStatus = document.getElementById("userStatus");D
                    if (data.isActive) {Đ
statusDisplay.innerHTML = '<span style="color: green;">Online</span>';Đ
                        sidebarUserStatus.textContent = "Online";D
                        sidebarUserStatus.style.color = "green";D
                    } else {Đ
                                                    statusDisplay.innerHTML =
'<span style="color: red;">Offline</span>';D
sidebarUserStatus.textContent = "Offline";D
sidebarUserStatus.style.color = "red";D
                                                          }Đ
                                                               Đ
                    // User InfoĐ
document.getElementById("sidebarUserName").textContent = data.userName ||
```

```
"Unknown";Đ
document.getElementById("headerUserName").textContent = data.userName | |
"Unknown";Đ
document.getElementById("sidebarUserRole").textContent = data.role || "User";D
                                document.getElementById("headerUserRole").textContent =
`(${data.role || "User"})`;Đ
                                               Ð
                                                                                  const avatar =
data.userName ? data.userName.charAt(0).toUpperCase() : "?";D
                               document.getElementById("userAvatar").textContent =
                                                 sessionStorage.setItem("role", data.role);D
avatar;Đ
                          } ) Đ
                                                       .catch(error => {Đ
console.error("Error loading dashboard data:", error);D
sessionLoading.style.display = 'none';D
                                                                                             alert("Failed to
load dashboard data. Please login again."); D
window.location.href = "signin.html"; D
                                                                                     });Đ
                                                                                                       }Đ
                                                 logoutBtn.addEventListener('click', function
             // Handle logoutĐ
() {Đ
                         if (!userId) {Đ
                                                                         alert("No user ID found.
                                                             window.location.href = "signin.html"; D
Already logged out.");Đ
                                                        }Đ Đ
                                                                                   fetch('http://
                         return;Đ
                                                                       method: 'POST',Đ
localhost:8080/api/logout', {Đ
                                                'Content-Type': 'application/json'Đ
headers: {Đ
                                                      body: JSON.stringify({ userId: userId })D
                   })Ð
                                                .then(response => {Đ
                                                                                                               if (!
response.ok) throw new Error('Logout failed'); Đ
sessionStorage.clear();D
                                                                     window.location.href =
"signin.html";Đ
                                                })Ð
                                                                            .catch(error => {Đ
                                console.error('Logout error:', error);D
alert('Logout failed. Try again.'); Đ
                                                                                                    });Đ
                                                                                                               Đ
             // Init dashboardĐ
document.addEventListener('DOMContentLoaded', function () {Đ
loadDashboardData();
                                     setInterval(loadDashboardData, 30000); //
Refresh every 30 secondsĐ
                                                  });Đ
                                                                    function loadUserProfile() {Đ
const userId = sessionStorage.getItem("userId");D if (!userId) {D
console.error("No userId found in sessionStorage"); P return; P } D
fetch(`http://localhost:8080/api/profile/$\{userId\}`) \\ \label{eq:definition} \ .then(response => \{Delta ( Albert Albert
                                                   throw new Error("Failed to fetch user
         if (!response.ok) {Đ
                                    return response.json(); D }) D .then(data => {D
profile");Đ
                         }Đ
document.getElementById("profileUserId").textContent = data.userId || "N/A";D
         document.getElementById("profileUserName").textContent = data.userName
                       document.getElementById("profileEmail").textContent =
| | "N/A";Đ
data.email || "N/A";Đ
                                         document.getElementById("profilePhone").textContent
= data.phone || "N/A";Đ
document.getElementById("profileRole").textContent = data.role || "N/A";D
document.getElementById("profileReferralCode").textContent =
document.getElementById("profileCreatedAt").textContent = data.createdAt | |
                   const pic = localStorage.getItem("userProfileImage");D
                                                                                                                         if
"N/A";Đ
                              document.getElementById("profileImage").src = pic;D
(pic) {Đ
                   document.getElementById("settingsImage").src = pic;D
document.getElementById("profileImage").classList.add("visible");D
document.getElementById("settingsImage").classList.add("visible");D
                                                                                                                          }Đ
               .catch(error => {Đ
                                               console.error("Error loading profile:",
                               // Load data on page loadĐ
error);Đ
                 });∌Ð Ð
                                                                               function
initializeSettingsModule() {Đ
                                                                const userId =
sessionStorage.getItem("userId");D
                                                                        if (!userId) {Đ
console.error("No userId found in sessionStorage"); D
showStatus("No user session found", true);D
                                                                                                                            }Đ
                                                                                             return; Đ
                   fetch(`http://localhost:8080/api/profile/${userId}`)D
                          .then(res => res.json())Đ
                                                                                          .then(data => {Đ
                                document.getElementById("currentUsername").textContent =
data.userName | | "N/A";Đ
```

```
})Ð
                                 .catch(() => showStatus("Failed to load
                                 // Edit profile (triggers both username and
profile", true));
                        }Đ
phone edit)Đ
                  function editProfile() {Đ
                                                      editUsername();Đ
           editPhone();Đ
document.getElementById("editProfileBtn").style.display = "none";D
                                                                        }Đ
        // Edit usernameĐ
                              function editUsername() {Đ
document.getElementById("usernameEdit").classList.add("active");D
document.getElementById("usernameInput").value =
document.getElementById("currentUsername").textContent;D
document.getElementById("currentUsername").style.display = "none";D
                                                                         }Đ
        // Edit phoneĐ
                            function editPhone() {Đ
document.getElementById("phoneEdit").classList.add("active");D
document.getElementById("phoneInput").value =
document.getElementById("currentPhone").textContent;D
document.getElementById("currentPhone").style.display = "none";D
                                                                      }Đ
        // Cancel editĐ
                             function cancelEdit(field) {Đ
                                                                     if
(field === 'username') {Đ
document.getElementById("usernameEdit").classList.remove("active");D
               document.getElementById("currentUsername").style.display =
                          \} else if (field === 'phone') \{Đ
"inline-block";Đ
document.getElementById("phoneEdit").classList.remove("active");D
               document.getElementById("currentPhone").style.display =
"inline-block";Đ
                                       // Show Edit button only if both edit
                                if (!
sections are inactiveĐ
document.getElementById("usernameEdit").classList.contains("active") &&Đ
document.getElementById("phoneEdit").classList.contains("active")) { D
               document.getElementById("editProfileBtn").style.display =
                          }Đ
"inline-block";Đ
                                           // Save username with validationĐ
                                   }Đ
        function saveUsername() {Đ
                                            const updatedName =
document.getElementById("usernameInput").value.trim();D
                                                                 const
userId = sessionStorage.getItem("userId");D
                                                     const usernameRegex = /
(?!\s)(?!.*\s\{2,\})[a-zA-z0-9]+(?<!\s)$/;D
                                                    if (!updatedName) {Đ
               showStatus("Username cannot be empty", true);Đ
                               if (!usernameRegex.test(updatedName)) {D
return; Đ
               showStatus("Username must contain only letters, numbers, and
single spaces, and not start/end with space", true); Đ
                        fetch("http://localhost:8080/api/update-username", {Đ
               method: "POST",Đ
                                              headers: { "Content-Type":
                                    body: JSON.stringify({ userId, userName:
"application/json" },Đ
updatedName }),Đ
                          })Ð
                                            .then(res => {Đ
                   if (!res.ok) throw new Error("Failed to update");D
                   return res.json();Đ
                                                     })Ð
                .then(data \Rightarrow {Đ
document.getElementById("currentUsername").textContent = data.userName;D
document.getElementById("usernameEdit").classList.remove("active");D
                   document.getElementById("currentUsername").style.display
= "inline-block";Đ
                                    showStatus("Username updated
successfully.");D
                                   // Show Edit button if both edit sections
are inactiveĐ
                               if (!
document.getElementById("phoneEdit").classList.contains("active")) {Đ
document.getElementById("editProfileBtn").style.display = "inline-block";D
                   }Đ
                                    })Ð
                                                      .catch(() =>
showStatus("Failed to update username", true));D
                                                      }Đ
                                                               // Save phone
with validationĐ
                      function savePhone() {Đ
                                                        const updatedPhone =
document.getElementById("phoneInput").value.trim();D
```

```
const userId =
sessionStorage.getItem("userId");D
                                          const phoneRegex = /
^[6-9]\d{9}$/;Đ
                       if (!updatedPhone) {Đ
showStatus("Phone number cannot be empty", true); Đ
                                                             return; Đ
              if (!phoneRegex.test(updatedPhone)) {D
showStatus("Phone number must start with 6-9 and be 10 digits", true);Đ
                                             fetch("http://localhost:8080/
              return;Đ
                                 }Đ
method: "POST",Đ
                                                               headers:
                                                   bodv:
JSON.stringify({ userId, phone: updatedPhone }),D
                                                        } ) Đ
               .then(res => \{Đ
                                               if (!res.ok) throw new
Error("Failed to update");D
                                           return res.json();Đ
               } )Ð
                                .then(data \Rightarrow {Đ
document.getElementById("currentPhone").textContent = data.phone;D
document.getElementById("phoneEdit").classList.remove("active");D
                  document.getElementById("currentPhone").style.display =
"inline-block";Đ
                                 showStatus("Phone number updated
successfully.");Đ
                                  // Show Edit button if both edit sections
                              if (!
are inactiveĐ
document.getElementById("usernameEdit").classList.contains("active")) {Đ
document.getElementById("editProfileBtn").style.display = "inline-block";D
                  }Đ
                                  })Ð
                                                   .catch(() =>
showStatus("Failed to update phone number", true));Đ
                                                      }Đ
                                                                      //
                                                              Ð
                 function showStatus(message, isError = false) {Đ
Show statusĐ
const el = document.getElementById("settingsStatus");D
                                  el.style.color = isError ? "red" :
el.textContent = message; D
                  el.classList.add("visible");
"green";Đ
                                                       setTimeout(() => {Đ
               el.classList.remove("visible");
                                                           el.textContent
= "";Đ
                }, 3000);Đ
                               }Đ
                                       // Show success popupĐ
function showSuccessPopup(message) {Đ
                                             const popup =
document.getElementById("successPopup");D
                                                const messageEl =
document.getElementById("successMessage");D
                                                  messageEl.textContent =
                  popup.style.display = "block"; D
message;Đ
                                                          setTimeout(()
=> {Đ
                                          }, 3000); // Auto-close after 3
                  closePopup(); D
secondsĐ
              }Đ
                      // Close popupĐ
                                           function closePopup() {Đ
           const popup = document.getElementById("successPopup");D
                              }Đ
popup.style.display = "none";D
                                       // Show status for failuresĐ
       function showStatus(message, isError = false) {Đ
                                                               const el =
document.getElementById("settingsStatus");D
                                                  el.textContent =
           el.style.color = isError ? "red" : "green";Đ
message;Đ
                                     setTimeout(() => {Đ
el.classList.add("visible");
el.classList.remove("visible");D
                                            el.textContent = "";Đ
           }, 3000);Đ
                                   const profilePic =
                          }Đ
document.getElementById("settingsPic");D
                                         const uploadInput =
document.getElementById("uploadPicInput");D
                                             const pic =
localStorage.getItem("userProfileImage");D
                                                if (pic) {Đ
document.getElementById("profileImage").src = pic;D
document.getElementById("settingsImage").src = pic;D
document.getElementById("profileImage").classList.add("visible");D
document.getElementById("settingsImage").classList.add("visible");D
                                                                       }Đ
       // Profile pictureĐ
document.getElementById("uploadInput").addEventListener("change", function
         file.type.startsWith("image/")) {Đ
                                   const reader = new FileReader();D
       reader.onload = function (event) {Đ const base64Image =
event.target.result;Đ
                           localStorage.setItem("userProfileImage",
base64Image);
```

```
document.getElementById("profileImage").src =
base64Image;Đ
                     document.getElementById("settingsImage").src =
base64Image;Đ
document.getElementById("profileImage").classList.add("visible");D
document.getElementById("settingsImage").classList.add("visible");D
showStatus("Profile picture updated successfully.");D
reader.readAsDataURL(file);D
                             }Đ });Đ ⊅/ Run on page loadĐ
initializeSettingsModule(); D D/ Show the notification when a new message is
received Dunction show Custom Notification() {D const notification Area =
document.getElementById("notificationArea");D notificationArea.style.display
= "block"; // Show the notification \mathcal{D} // Event listener to hide the
notification when clickedD notificationArea.addEventListener('click', () => {D
   notificationArea.style.display = "none"; // Hide on clickD });D // Hide
the notification after 3 seconds if not clickedD setTimeout(() => {D
(notificationArea.style.display !== "none") {Đ
notificationArea.style.display = "none";D
                                          }Đ }, 3000);∌Đet currentUserId =
'USER_0001'; // Replace with actual logged-in IDDet isAdmin = false; // true
if admin, false if userDet receiverId = 'ADMIN_0001'; // Replace with actual
receiver (admin ID)₽/ Fetch chat messages from backend⊕unction
loadChatMessages() {D fetch(`http://localhost:8080/chat/conversation?
userId=${currentUserId}&adminId=ADMIN_0001`) // Pass userId and adminIdĐ
    .then(res => res.json())D .then(data => {D
                                                   const chatBox =
document.getElementById('chatBox');D
                                      chatBox.innerHTML = ''; // Clear
previous messagesĐ
                      data.forEach(msg => {Đ
                                               const div =
document.createElement('div');D
                                    div.classList.add('chat-message');D
        // Add different class based on senderĐ
                                                  if (msg.senderId ===
                         div.classList.add('user-message');D
currentUserId) {Đ
                                                                } else {Đ
         div.classList.add('admin-message');D
                                                    }Đ
                                                             // Format
timestamp to time onlyĐ
                             const timeOnly = new
Date(msg.timestamp).toLocaleTimeString('en-IN', {D
                                                          hour: '2-digit',Đ
                                                            timeZone: 'Asia/
         minute: '2-digit',Đ
                                     hour12: true,Đ
                          // Combine message and timeĐ
                                                             div.innerHTML =
Kolkata'Đ
               });Đ
                                               <br>Đ
`Đ
          <span>${msg.message}</span>Đ
                                                             <small
class="timestamp">${timeOnly}</small>D
                                             `;Đ
                             });Đ
chatBox.appendChild(div);
                                       chatBox.scrollTop =
chatBox.scrollHeight; // Scroll to the bottom of the chatD })D .catch(err
         console.error('Error loading chat messages:', err);Đ });静夕/ Send
chat message nction sendChatMessage() {€ const input =
document.getElementById('chatInput');D const message = input.value.trim();D
if (!message) return; D const payload = {D senderId: currentUserId, D
receiverId: receiverId,D message: message,D
                                              timestamp: new
Date().toISOString() // Add timestampD };D fetch('http://localhost:8080/chat/
send', {Đ method: 'POST',Đ headers: { 'Content-Type': 'application/
json' },Đ
           body: JSON.stringify(payload) D }) D
                                               .then(res \Rightarrow {Đ
(res.ok) {Đ
                input.value = ''; // Clear the input fieldĐ
loadChatMessages(); // Reload chat after sendingĐ
                                                     }Đ
                                                           } ) Đ
                                                                 .catch(err
         console.error('Error sending message:', err);D
                                                           });∌⊅/ Auto-
refresh chat every 5 seconds DetInterval(loadChatMessages, 10000); D
window.onload = loadChatMessages; // Load chat on page loadD
```

demo\src\main\resources\static\adminSignin.html

```
<title> Admin Signin Page</title> Bdiv class="container"> D
                                                            <div class="text-
                                       <div class="image-section">Đ
                        Ð
                             </div>Đ
        <div class="form-section">Đ
</div>Đ
                                            <div class="form-box">Đ
<h2>Welcome Back!</h2>Đ
                                  Login to ContinueĐ
                                                                      <form
id="adminSigninForm">Đ
                                     <div class="input-group">Đ
                    <label for="adminid">Admin Username </label>Đ
                    <input type="text" id="adminid" name="adminid"</pre>
placeholder="Enter Admin Username or Email" required >Đ
<div class="error" id="adminidError"></div>Đ
                                                           </div>Đ
                <div class="input-group">Đ
                                                             <label
for="adminPassword">Password</label>Đ
type="password" id="adminPassword" name="adminPassword" placeholder="Enter
Password" required>Đ
                                        <div class="error"
id="adminPasswordError"></div>Đ
                                              </div>Đ
class="remember-me">Đ
                                        <input type="checkbox"</pre>
id="adminRememberMe">Đ
                                         <label
for="adminRememberMe">Remember Me</label>Đ
                                                             <h5><a
href="forgot.html" class="forgot">Forgot Password?</a></h5>Đ
                                                                           </
                    <button type="submit" class="btn">Sign In</button>Đ
div>Đ
                <div id="adminResult"></div>Đ
                                                        </form>Đ
                                                                       </div>Đ
    </div>Đ
              </div>Bscript>Đ
document.getElementById("adminSigninForm").addEventListener("submit", async
function (event) {Đ
                         event.preventDefault(); // Prevent default form
                      let adminEnteredValue =
submissionĐ
document.getElementById("adminid").value.trim();D
                                                        let.
adminEnteredPassword = document.getElementById("adminPassword").value.trim();D
        let adminResultDiv = document.getElementById("adminResult");D
        // Clear previous errorsĐ
document.getElementById("adminidError").textContent = "";D
document.getElementById("adminPasswordError").textContent = "";D
adminResultDiv.textContent = "";Đ Đ // Validate fieldsĐ
                                                                      if
(adminEnteredValue === "" || adminEnteredPassword === "") {Đ
adminResultDiv.textContent = "'L Please fill in all fields."; Đ
adminResultDiv.style.color = "red";D
                                              return;Đ
                let response = await fetch("http://localhost:8080/api/admin/
try {Đ
                          method: "POST",Đ
                                                         headers: {Đ
signin", {Đ
                    "Content-Type": "application/json"Đ
                                                                      },Đ
               body: JSON.stringify({Đ
                                                          identifier:
adminEnteredValue, // ' Use "identifier" instead of "adminid"Đ
                   password: adminEnteredPasswordĐ
                              let result = await response.json();D
            });Đ
            if (response.ok) { // ' Check response status instead of messageĐ
                adminResultDiv.textContent = "' Login successful!
                               adminResultDiv.style.color = "green"; D
                 // ' Store in sessionStorageĐ
sessionStorage.setItem("userId", result.userId);D
sessionStorage.setItem("userName", result.userName);D
sessionStorage.setItem("role", result.role);D
                                               Ð
                                                                // Store
admin details in localStorageĐ
                                             localStorage.setItem("userId",
result.userId);Đ
                               localStorage.setItem("userName",
result.userName);Đ
                                 localStorage.setItem("role",
result.role); // ' Store admin roleĐ
                                                                  // Redirect
after a short delayĐ
                                   setTimeout(() => {Đ
                                                               }, 1500);Đ
window.location.href = "admin dashboard.html"; D
                                   adminResultDiv.textContent = "'L " +
            } else {Đ
                               adminResultDiv.style.color = "red"; Đ
result.message; Đ
                                                 console.error("Error:",
            }Đ
                     } catch (error) {Đ
                   adminResultDiv.textContent = "'L Server error. Please try
error);Đ
again later.";Đ
```

```
display: flex; D justify-content: center; D align-items:
                     height: 100vh; D background: white; D } D .container { D
            display: flex; Đ width: 100%; Đ background: black; Đ
max-width: 1700px; D height: 700px; D box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.3); D border-radius: 15px; D overflow: hidden;
rgba(0, 0, 0, 0.3);Đ
                                      border-radius: 15px; D overflow: hidden; D
            background-color: #f0f5ff;D
                                                       background-image: Đ
                       radial-gradient(circle at 100% 150%, #f0f5ff 24%, #c8d7ff
25%, #c8d7ff 28%, #f0f5ff 29%, #f0f5ff 36%, #c8d7ff 36%, #c8d7ff 40%,
transparent 40%, transparent),Đ
                                                                   radial-gradient(circle at 0
150%, #f0f5ff 24%, #c8d7ff 25%, #c8d7ff 28%, #f0f5ff 29%, #f0f5ff 36%,
#c8d7ff 36%, #c8d7ff 40%, transparent 40%, transparent),Đ
radial-gradient(circle at 50% 100%, #c8d7ff 10%, #f0f5ff 11%, #f0f5ff 23%,
#c8d7ff 24%, #c8d7ff 30%, #f0f5ff 31%, #f0f5ff 43%, #c8d7ff 44%, #c8d7ff 50%,
#f0f5ff 51%, #f0f5ff 63%, #c8d7ff 64%, #c8d7ff 71%, transparent 71%,
transparent),Đ
                                          radial-gradient(circle at 100% 50%, #c8d7ff 5%,
#f0f5ff 6%, #f0f5ff 15%, #c8d7ff 16%, #c8d7ff 20%, #f0f5ff 21%, #f0f5ff 30%,
#c8d7ff 31%, #c8d7ff 35%, #f0f5ff 36%, #f0f5ff 45%, #c8d7ff 46%, #c8d7ff 49%,
transparent 50%, transparent),Đ
                                                                   radial-gradient(circle at 0%
50%, #c8d7ff 5%, #f0f5ff 6%, #f0f5ff 15%, #c8d7ff 16%, #c8d7ff 20%, #f0f5ff
21%, #f0f5ff 30%, #c8d7ff 31%, #c8d7ff 35%, #f0f5ff 36%, #f0f5ff 45%, #c8d7ff
flex: 1;D background: url("pics/trading\ with\ coin.gif") no-
repeat center / 100% 100%; D D margin-top: 100px; D margin-
bottom: 100px;D margin-left: 70px;D border-bottom-left-radius: 5%;D
         border-top-left-radius: 5%; box-shadow: -5px 0 10px -2px rgba(0,
0, 0, 0.4); Đ Đ .form-section {Đ width: 50%; Đ Đ
                                                                                                      display:
flex;Đ align-items: center;Đ justify-content: center;Đ
backdrop-filter: blur(10px);D margin-top: 100px;D margin-bottom:
100px;D margin-right: 60px;D border-top-right-radius: 5%;D
border-bottom-right-radius: 5%; D box-shadow: 5px 0 4px -2px rgba(0, (0, 0.3); D } D .form-box {D D background: white; D padding:
                                                          box-shadow: 5px 0 4px -2px rgba(0, 0,
                   width: 100%;Đ
                                         height: 100%;Đ Đ Đ
80px;Đ
                                                                                                  text-align:
center;Đ
                   Ð
                                 color: white; border-top-right-radius: 5%; D
           border-bottom-right-radius: 5%;D box-shadow: 5px 0 4px -2px
rgba(0, 0, 0, 0.3); D h2 {D font-family: 'Times New Roman',
Times, serif; D text-align: center; D font-size: 40px; D
                                color: black;Đ
weight: bold; Đ Đ
                                                                   text-shadow: 0px 4px 10px
rgba(0, 0, 0, 0.1); D D D D font-family: 'Times New Roman'
Times, serif; D text-align: center; D font-size: 20px; D font weight: bold; D color: black; D margin-bottom: 30px; D \} D h4{D
                                                                                                         font-
           font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-
                   color: black; Đ font-size: 19px; Đ font-weight: bold; Đ
           padding-bottom: 20px; D D D h5{D color: black; D
font-weight: bold; \mathbb{D} font-size: 15px; \mathbb{D} \mathbb{D} .signup{\mathbb{D} text-decoration: underline; \mathbb{D} transform: scale(1.05); \mathbb{D} \mathbb{D} .input-group {\mathbb{D} \mathbb{D}
                                                                                               text-
margin-bottom: 15px; D text-align: left; D } D label {D
family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans
Unicode', Geneva, Verdana, sans-serif; padding-bottom: 10px; paddi
                                                                           display: block;Đ
font-weight: bold; D
letter-spacing: 1px; D
                                                                                                                   Ð
           font-size: 16px; D color: black; D } D input { D
                                                                                                       font-
family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif; Đ
           width: 100%; D padding: 12px 15px; D border: none; D
border-radius: 6px;Đ
                                   font-size: 16px;Đ
                                                                           border: 2px solid #ccc;Đ
                                                                       border-color: #667eea;Đ
            }D D .input-group input:hover{D
            box-shadow: Opx Opx 10px rgba(102, 126, 234, 0.5); Đ
```

```
transform:
scale(1.02);Đ
                          }Ð input:focus {Ð
                                                                           outline: none;Đ
                                                                                                                   transform:
                                   box-shadow: 0px 0px 10px rgba(255, 255, 255, 0.4); D }Đ
scale(1.05);Đ
                                    color: red; Đ font-size: 14px; Đ
       .error {Đ
                                                                                                             margin-top:
                                                                                                             Đ align-
5px;Đ }Đ Đ
                             .remember-me {Đ
                                                                     display: flex;Đ
items: center; Đ Đ Đ Đ
                                                                  }D input[type=checkbox]{D
webkit-appearance: checkbox;D
appearance: checkbox; D display: inline-block; D width: auto; D } D
       .remember-me input {Đ
                                                   margin-right: 8px;Đ
                                                                                                        cursor: pointer;Đ
                                   width: 100%;Đ
              left: 0;Đ
background: linear-gradient(to right, #667eea, #764ba2); Đ
                                                                                                                   color: white; Đ
            padding: 14px;Đ border: none;Đ
                                                                                           border-radius: 8px;Đ
font-size: 18px;Đ
                                    cursor: pointer;Đ
                                                                                      transition: all 0.3s ease-in-
           font-weight: bold; Đ
                                                             text-transform: uppercase; Đ
                                            box-shadow: 0px 5px 15px rgba(102, 126, 234, 0.3); Đ
letter-spacing: 1px;Đ
       }Đ Đ Đ
                                                 .btn:hover {Đ
                                                                                       background: linear-
margin-top: 15px; D color: #00ff99; D } D
font-weight: bold;Đ
         .forgot \{\mathtt{E}
                                      padding-left: 230px;Đ
                                                                                       text-decoration: none;Đ
         .forgot :hover{Đ background: #ff4e88;Đ
                                                                                              transform:
scale(1.05); D D D @media (max-width: 768px) {D
                                                                                                                 .container {Đ
                     flex-direction: column;Đ
                                                                                    height: auto;Đ
                                                                                                                        }Đ
               .image-section {Đ
                                                              height: 200px;Đ }Đ
                                                                                                                         .form-
                                   height: auto;Đ
                                                                                padding: 20px;Đ
section {Đ
                                                                                                                         }Đ
                                       width: 90%;Đ
              .form-box \{ D \}
                                                                                   \}Đ \}Đ .text-overlay h2
{₱osition: absolute;Đop: 6%;∄eft: 25%;Đransform: translate(-50%, -50%);Đext-
align: center; padding: 20px; border-radius: 10px; btext-overlay h2{bolor:
black; font-weight: bold; font-size: 24px; fext-shadow: 0 0 1px #101111, 0 0 1px
#0e0f0f, 0 0 1px #121313; $\Delta Detext-overlay p {\Delta osition: absolute; Dop: 94%; Deft:
25%; Pransform: translate(-50%, -50%); Pext-align: center; Polor: black; Padding:
20px;Dorder-radius: 10px;Dotext-overlay p{Dont-weight: bold;Dont-size: 20px;D
text-shadow: 0 0 1px #0a1013, 0 0 1px #13171d, 0 0 1px #0e1011; $\Begin{align*} Begin{align*} begin{
```

demo\src\main\resources\static\adminSignup.html

```
<title>Admin Signup Page</title>Bdiv class="container">D
                                                          <div class="text-
                <h2>Start Your Trading Journey with Confidence</h2>Đ
Trade Smart. Grow Fast.Ð </div>Ð <div class="image-section">Ð
        <imq src="pics/Screen.gif" alt="img" class="image">D
                                                              </div>Đ <div
class="form-section">Đ
                       <div class="form-box">Đ
                                                      <h2>Admin Sign up</h2>Đ
<form id="adminSignupForm">Đ
                              <div class="input-group">Đ
                                                               <label
                                        <input type="text" class="input-</pre>
for="adminName">Admin Name</label>Đ
style" id="userName" name="adminName" required placeholder="Admin Name">Đ
        <div class="error" id="adminNameError"></div>Đ
                                                        </div>Đ
                           <label for="adminEmail">Email</label>Đ
class="input-group">Đ
<input type="email" id="email" class="input-style" name="email" required</pre>
                           <div class="error" id="adminEmailError"></div>D
placeholder="Email">Đ
</div>Đ
         <div class="input-group">Đ
                                          <label for="adminPhone">Phone
                     <input type="tel" id="phone" class="input-style"</pre>
Number</label>Đ
name="phone" required placeholder="Phone Number">Đ
                                                       <div class="error"
id="adminPhoneError"></div>Đ
                             </div>Đ
                                        <div class="input-group">Đ
<label for="tradingId">Trading View ID</label>Đ
                                                     <input type="text"</pre>
id="tradingId" class="input-style" name="tradingId" required
placeholder="Trading View ID">Đ </div>Đ <div class="input-group">Đ
<label for="adminPassword">Password</label>Đ
                                                  <input type="password"</pre>
id="password" class="input-style" name="password" required placeholder="Enter
                 <div class="error" id="adminPasswordError"></div>D
Password">Đ
    <div class="input-group">Đ
                                    <label for="confirmPassword">Confirm
Password</label>Đ
                       <input type="password" id="confirmPassword"</pre>
class="input-style" name="confirmPassword" required placeholder="Repeat
Password">Đ
                 <div class="error" id="confirmPasswordError"></div>D
div>Đ
       <div class="referral-section">Đ
                                             <input type="checkbox"</pre>
                             <label for="referralCheckbox">Have a Referral
id="referralCheckbox">Đ
              </div>D <div class="input-group" id="referralId"
ID?</label>Đ
style="display: none;">Đ
                              <label for="referral">Referral ID</label>Đ
        <input type="text" class="input-style" id="referral" name="referral"</pre>
placeholder="Referral ID">Đ
                            </div>Đ
                                       <button type="submit"</pre>
class="btn">Register Admin</button>D/form>Ddiv class="account">D
<h4>Already registered? <a class="signin" href="adminSignin.html">Login</a></
h4>B/div>B/div>B/div>B/div>Bscript>D
document.getElementById("referralCheckbox").addEventListener("change",
function () {D    document.getElementById("referralId").style.display =
this.checked ? "block" : "none"; ₱); ₱
document.getElementById("adminSignupForm").addEventListener("submit", async
function (event) {Đ event.preventDefault(); Đ let userName =
document.getElementById("userName").value.trim();D
                                                    let email =
document.getElementById("email").value.trim();D
document.getElementById("phone").value.trim();D
document.getElementById("tradingId").value.trim();D
                                                    let password =
document.getElementById("password").value.trim();D let confirmPassword =
document.getElementById("confirmPassword").value.trim();D
                                                          let referralId =
document.getElementById("referral").value.trim() | | null;D let namePattern
= /^(?!\s)(?!.*\s\{2,\})[a-zA-Z0-9]+(?<!\s)$/;D
                                               let emailPattern = /^[a-zA-
Z0-9._%+-]+@[a-zA-Z0-9.-]+\\.[a-zA-Z]{2,4}$/;D let phonePattern = /
[6-9]d\{9\}; Det passwordPattern = /(?=.*[a-z])(?=.*[A-z])(?=.*d)(?
=.*[@$!\%*?\&])[A-Za-z\d@\$!\%*?\&]\{8,\\$/;\D
                                       let isValid = true;D // Clear
previous errorsD document.getElementById("adminNameError").textContent = "";D
   document.getElementById("adminEmailError").textContent = "";D
document.getElementById("adminPhoneError").textContent = "";D
document.getElementById("adminPasswordError").textContent = "";D
document.getElementById("confirmPasswordError").textContent = "";D
namePattern.test(userName)) {Đ
document.getElementById("adminNameError").textContent = "Invalid name!";D
        isValid = false;
```

```
}Đ
                             if (!emailPattern.test(email)) {D
document.getElementById("adminEmailError").textContent = "Invalid Email
Format!";D isValid = false;D }D if (!phonePattern.test(phone)) {D
       document.getElementById("adminPhoneError").textContent = "Invalid
Phone Number!";Đ
                     isValid = false; Đ }Đ
                                           if (!
passwordPattern.test(password)) {Đ
document.getElementById("adminPasswordError").textContent =Đ
"Password must have at least 8 characters, 1 special char, 1 uppercase, 1
lowercase, and 1 number!";D isValid = false;D }D if (password !==
confirmPassword) {Đ
document.getElementById("confirmPasswordError").textContent = "Passwords do
requestData = {Đ userName: userName,Đ
                                         email: email,Đ
phone, Đ
         tradingId: tradingId,D password: password,D
referralId: referralIdD };D try {D
                                       let response = await
fetch("http://localhost:8080/api/admin/signup", {Đ
                                                 method: "POST",Đ
          headers: { "Content-Type": "application/json" },Đ
                                                                   body:
JSON.stringify(requestData)Đ });Đ let data;Đ try {Đ
           data = await response.json();D } catch (jsonError) {D
           console.error("Invalid JSON response", jsonError);D
throw new Error("Invalid server response");Đ }Đ
                                                       if (response.ok) {Đ
           alert(`Admin Registered Successfully! \n\nAdmin Name:
${data.userName} \nAdmin ID: ${data.userId} \nReferral Code:
${data.referralCode}`);D
                               window.location.href = "adminSignin.html"; D
       } else {Đ
document.getElementById("adminEmailError").textContent = data.message | |
                       \}Đ \} catch (error) \{Đ
"Registration failed!";Đ
console.error("Error:", error);
                                  alert("An error occurred while
registering. Please try again.");D }$);B/script>Bstyle>D * {D
                   padding: 0;Đ
margin: 0;Đ
                                  box-sizing: border-box; Đ
          font-family: "Poppins", sans-serif; D
                                                  Ð
                                                          }Đ
                                                                   body {Đ
           height: 150vh;Đ
                                  display: flex;Đ
                                                           justify-
content: center;Đ
                         align-items: center;Đ
                                                       background: #ffff;Đ
           Ð
                      .container {Đ
                                             display: flex;Đ
      }Đ
width: 100%;Đ
                      max-width: 1500px;Đ
                                                 height: 950px;Đ
          box-shadow: 0px 10px 30px rgba(0, 0, 0, 0.1);Đ
                                                                border-
radius: 15px;Đ
                      overflow: hidden;Đ
                                                 background-color:
#f5f5f5;Đ
                  background-image: linear-gradient(30deg, #ececec 12%,
transparent 12.5%, transparent 87%, #ececec 87.5%, #ececec), Đ
linear-gradient(150deg, #ececec 12%, transparent 12.5%, transparent 87%,
#ececec 87.5%, #ececec),Đ
                                    linear-gradient(30deg, #ececec 12%,
transparent 12.5%, transparent 87%, #ececec 87.5%, #ececec), Đ
linear-gradient(150deg, #ececec 12%, transparent 12.5%, transparent 87%,
#ececec 87.5%, #ececec),Đ
                                     linear-gradient(60deg, #dddddd 25%,
transparent 25.5%, transparent 75%, #dddddd 75%, #dddddd),Đ
linear-gradient(60deg, #dddddd 25%, transparent 25.5%, transparent 75%,
#dddddd 75%, #dddddd);Đ
                               background-size: 40px 70px;Đ
background-position: 0 0, 0 0, 20px 35px, 20px 35px, 0 0, 20px 35px; Đ
                                                                       }Đ
                 Ŧ
                        .image-section {Đ
                                                   flex: 1;Đ
width: 65%;Đ
                     background: white; Đ
                                                 margin-top: 60px;Đ
          margin-bottom: 20px;Đ
                                        margin-left: 70px;Đ
border-bottom-left-radius: 5%;D border-top-left-radius: 5%;D
                                                                  hox-
                                                \mathbf{\bar{4}}
shadow: -5px 0 10px -2px rgba(0, 0, 0, 0.4); Đ
                                                        .image{Đ
          height: 370px;Đ
                                   width:38%;Đ
                                                        justify-items:
                 position: absolute;Đ
                                               top: 70%;Đ
                                                                 left:
center; Đ
24%;Đ
              transform: translate(-50%, -50%);Đ }Đ
section {Đ
                 width: 50%;Đ
                                  padding-bottom: 20px;Đ
display: flex;Đ
                        align-items: center; justify-content:
                 background: white;Đ
center;Đ
                                       backdrop-filter: blur(10px);D
           margin-top: 60px;
```

```
margin-right: 80px;Đ
                                      border-top-right-radius: 5%;Đ
margin-bottom: 20px;Đ
border-bottom-right-radius: 5%;D box-shadow: 5px 0 4px -2px rgba(0, 0,
                    }D .form-box {D D background: white;D padding: 60px;D width: 100%;D height: 100%;D justify-content: center;D D text-align: center;D
0, 0.3);Đ
                                       border-top-right-radius: 5%;Đ
                                                                                              border-bottom-
right-radius: 5%;Đ
                                         Ð Ð Ð }Ð
                                                                                                    Đ Đ
                                     font-family: 'Times New Roman', Times, serif; Đ
               h2{Đ
                    text-align: center; Đ font-size: 40px; Đ
                                                                                                                   font-
                                                                                   color: black;Đ
weight: bold; Đ
                                        margin-bottom: 20px;Đ
                    text-shadow: 0px 4px 10px rgba(0, 0, 0, 0.1); Đ Đ
             h4{Đ font-family: 'Franklin Gothic Medium', 'Arial Narrow',
Arial, sans-serif;Đ
                                                 color: black;Đ
                                                                                           font-size: 19px;Đ
                                                                 padding-bottom: 10px;Đ
                    font-weight: bold; Đ
                    'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;Đ font-weight: bold;Đ
display: block; D margin-bottom: 5px; D font-size: 14px; D
                    color: black; D letter-spacing: 1px; D
                    font-family: 'Gill Sans', 'Gill Sans MT', Calibri,
input {Đ
'Trebuchet MS', sans-serif;Đ width: 100%;Đ padding: 12px
                          border: 2px solid #ccc;Đ
                                                                                     border-radius: 8px;Đ
                    font-size: 16px; D transition: 0.3 ease; D
                           Đ .input-group input:hover{Đ border-color: box-shadow: 0px 0px 10px rgba(102, 126, 234, 0.5);Đ
              }Đ
#667eea;Đ
                    transform: scale(1.02);Đ }Đ
                                                                                           Đ Đ
              .error {Đ color: red;Đ
                    for \{ \emptyset \} color: red;\emptyset \} font-size: 12p margin-top: \{ \emptyset \} \} .referral-section\{ \emptyset \}
                                                                                      font-size: 12px;Đ
display: flex; D align-items: center; D
                                                                                                 gap: 10px;Đ
                    margin-bottom: 10px;Đ }Đ
                                                                                       Ð
border: none; Đ
                                                             border-radius: 8px;Đ
                    cursor: pointer; Decided radius opx, Decided r
size: 18px;Đ
in-out;Đ
right, #764ba2, #667eea);Đ
                                                            transform: scale(1.05);Đ
shadow: 0px 8px 20px rgba(102, 126, 234, 0.5); Đ Đ
#referralId {Đ
                                       display: none;Đ
                                                                       }Đ
                                                                                                        .account h4{Đ
             padding-top: 10px; D font-size: 16px; D } D text-decoration: none; D font-size: 16px; D } D
                                                                                                           .signin{Đ
            .signin :hover{Đ text-decoration: underline;Đ
                                                                                                     color:
Đ /
#667eea;Đ
                    transition: scale(1.02); D \}D D
                          @media (max-width: 900px) {Đ
Responsive */Đ
                                                                                                    .main-container {Đ
                          flex-direction: column;Đ
                                                                                          width: 90%;Đ
                          height: auto;Đ
                                                                                          .form-container, .image-
                                             width: 100%;Đ
                                                                                      }Đ
container {Đ
                                                                                                         .image-
container {D height: 300px;D }D }D .text-
overlay {D position: absolute;D top: 23%;D left: 26%;D transform:
translate(-50%, -50%);D text-align: center;D color: white;D padding:
20px; D border-radius: 10px; Dtext-overlay h2{D color: black; D D font-
weight: bold; D font-size: 25px; D text-shadow: 0 0 1px #141616, 0 0 1px
#131314, 0 0 1px #121414; D overflow: hidden; D opacity: 0; D transform:
translateX(30px);
```

animation: fadeSlideUp 1.2s ease forwards; $\mathfrak{P}D$.text-overlay p{D color: black; D font-weight: bold; D font-size: 22px; D text-shadow: 0 0 1px #101111, 0 0 1px #000000, 0 0 1px #16191b; D opacity: 0; D transform: translateX(30px); D animation: fadeSlideUp 1.2s ease forwards; D } D @keyframes fadeSlideUp {D to {D opacity: 1; D transform: translateY(0); D } D / Style > D

demo\src\main\resources\static\admin dashboard.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>Đ
                                      <meta charset="UTF-8">Đ
<title>Admin Dashboard</title>Đ
                                <link rel="stylesheet" href="https://</pre>
cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.0/css/all.min.css">Đ
<script src="https://kit.fontawesome.com/a076d05399.js"</pre>
crossorigin="anonymous"></script>Đ
                                  <script src="https://</pre>
cdnjs.cloudflare.com/ajax/libs/jspdf/2.5.1/jspdf.umd.min.js"></script>Descript
src="https://cdnjs.cloudflare.com/ajax/libs/jspdf-autotable/3.5.28/
jspdf.plugin.autotable.min.js"></script>Blink rel="stylesheet"
href="admin_dashboard.css">B/head>Bbody>D
                                        <!-- HEADER -->Đ
class="header">Đ
                     <button class="hamburger" id="menuToggle">Đ
<i class="fas fa-bars"></i>Đ
                                </button>Đ
                                                 <div class="logo"><img
src="pics/astrolite tech logo.png" alt="img" class="image"></div>Đ
class="header-title">Admin Management System</div>Đ
                                                      <div class="user-
info-mini">Đ
                     <div class="notification-icon"</pre>
onclick="toggleNotifications()">Đ
                                             Ø=Ý
id="notificationCount">0</span>Đ
                                        </div>Đ
                                                          <div
class="user-data">Đ
                            <span id="headerAdminName"</pre>
class="username">Loading...</span>Đ
                                           <span id="headerAdminRole"</pre>
class="name" style="font-size: 10px; color: black; margin-left:
4px; ">(Admin)</span>Đ
                               </div>Đ
                                            </div>Đ
                                                     </header>Đ
SIDEBAR -->Đ
              <aside class="sidebar" id="sidebar">Đ
                                                       <div
class="sidebar-header">Đ
                                 <div class="user-info">Đ
<div class="user-avatar" id="adminAvatar">A</div>D
                                                             <div>Đ
                   <div class="user-name" id="sidebarAdminName">Loading...
                      <div class="user-role" id="sidebarAdminRole">Admin/
G<vib
div>Đ
                      <div class="user-status" id="adminStatus">Online</div>Đ
               </div>Đ
                                </div>Đ
                                             </div>Đ
                                                          <a href="#" onclick="showModule('dashboardModule')"</pre>
menu">Đ
><i class="fas fa-tachometer-alt" ></i> Dashboard</a>Đ
                                                                  <a
href="#" onclick="showModule('manageUsersModule')" ><i class="fas fa-user-
                                         <a href="#"
cog" ></i> Manage Users</a>Đ
onclick="showModule('reportsModule')"><i class="fas fa-chart-line"></i>
                          <a href="#"
Reports</a>Đ
onclick="showModule('adminProfileModule')"><i class="fas fa-user"></i></i>
                          <a href="#"
Profile</a>Đ
onclick="showModule('settingsModule')" ><i class="fas fa-tools"></i>
Settings</a>Đ
                           <a href="#"
onclick="showModule('chatModule')"><i class="fas fa-comment-sms"></i> Chat</
a>Đ
              </111>Đ
                          <button id="logout" class="logout-btn">Đ
           <i class="fas fa-sign-out-alt"></i> LogoutĐ
                                                          </button>Đ
         <!-- MAIN CONTENT -->Đ
                                 <main class="main-content"
aside>Đ
                       <div id="dashboardModule" class="module"</pre>
id="mainContent">Đ
style="display: block;">Đ
                              <div class="dashboard-header">Đ
                                                                      <h1
class="dashboard-title">Admin Dashboard</h1>Đ
                                                     <div
                                                 </div>Đ
class="breadcrumb">Home > Dashboard</div>Đ
                                                              <div
class="data-card fade-in">Đ
                                   <h2>Session Information</h2>Đ
<div id="sessionDataContainer">Đ
                                            <div class="loading"
id="sessionLoading">Loading...</div>Đ
                                                 <table class="session-
table "id="sessionTable" style="display: none;">Đ
                                                                <thead>Đ
                      Đ
                                                     Admin IDĐ
                          Admin NameĐ
                                              Logout TimeĐ
Sign-in TimeĐ
                          RoleĐ
StatusĐ
                                    Đ
                                                            </thead>Đ
                  Đ
                                                Đ
                          Đ
                          Đ
                          Đ
                          Đ
```

```
Đ
                         Đ
                     Đ
                                            Đ
                                                                 </
                                                              <!--
table>Đ
                </div>Đ
                            </div>Đ
                                         </div>Đ
                                                     Ð
Manage Users Section -->Đ <div id="manageUsersModule" class="module"
style="display: none;">Đ <div class="dashboard-header">Đ
class="dashboard-title">Manage Users</h1>Đ
                                           <div class="breadcrumb">Home
                      > Manage Users</div>Đ
Sort Controls for All Users -->Bdiv style="margin-bottom: 15px; display:
flex; gap: 10px; align-items: center;">Đ
                                     <div style="position: relative;">Đ
     <input type="text" id="allUserSearchInput" placeholder="Search by User</pre>
ID, Name, or Role" style="padding-left: 30px;">Đ
                                             <span style="position:</pre>
absolute; left: 8px; top: 50%; transform: translateY(-50%); color: #aaa;">Đ
       Ø=Ý Đ </span>Đ
                     </div>Đ <select id="allUserSortSelect">Đ
<option value="">Sort by</option>Đ
                                  <option value="userId">User ID</option>Đ
     <option value="userName">User Name
                                                 <option</pre>
value="role">Role</option>Đ
                         </select>Đ
                                     <button
onclick="downloadAllUsersReport()" class="download-btn"> Ø=ÜÄ Download All Users</
          Đ </div>Đ Đ Đ <div class="data-card fade-in">Đ
button>Đ
                                                         <h2>User
List</h2>Đ
               <div id="userLoading">Loading users...</div>Đ
                                                              <table
class="session-table" id="userTable" style="display: none;">D
<thead>Đ
                    Đ
                                          User IDĐ
                  User NameĐ
                                                    EmailĐ
                                                RoleĐ
                  Phone
              Đ
                             </thead>Đ
                                               <tbody
                               <!-- User rows will be inserted here -->Đ
id="userTableBody">Đ
                        Đ </div>Đ </div>Đ
          Đ
                                                    ĐĐ
id="reportsModule" class="module" style="display: none; padding: 20px;">Đ
       <h2 style="font-size: 24px; margin-bottom: 20px;">Recent User
                              <div style="margin-bottom: 15px; display:</pre>
Registrations</h2>Đ
                      Ð
flex; gap: 10px; align-items: center;">Đ
                                             <div style="position:</pre>
                      <input type="text" id="searchInput"</pre>
relative;">Đ
placeholder="Search by User ID, Name, or Role" style="padding-left: 30px;">Đ
            <span style="position: absolute; left: 8px; top: 50%;</pre>
transform: translateY(-50%); color: #aaa;">Đ
                                                     Ø=Ý Đ
                                                                 </
span>Đ
               </div>Đ
                               <select id="sortSelect">Đ
<option value="">Sort by</option>Đ
                                          <option value="userId">User
                      <option value="userName">User Name</option>Đ
ID</option>Đ
            <option value="role">Role</option>Đ
                                                     </select>Đ
          <button onclick="downloadUserReport()" class="download-btn">Ø=ÜÄ
                                 </div>Đ
Download User Report (PDF)</button>Đ
                                                    <div
id="recentUsersLoading" class="loading-message">Loading recent users...</div>Đ
       Đ
                                                           <thead>Đ
          Đ
                          User IDĐ
                                                      User NameĐ
            RoleĐ
                                    Created AtĐ
                                                                Đ
                        Đ
         </thead>Đ
            </div>Đ
                            <div id="adminProfileModule" class="module"</pre>
Đ
                       Ð
style="display: none;">Đ
                           <div class="dashboard-header">Đ
class="dashboard-title">Admin Profile</hl>Đ
                                                <div
                                            </div>Đ
class="breadcrumb">Home > Profile</div>Đ
                                                       Ð
                                                               <div
class="profile-card">Đ
                           <div class="profile-photo">Đ
                                                               <img
id="profileImage" class="profile-pic" src="pics/
istockphoto-1316947194-612x612.jpg" alt="Profile Image" />Đ
         <div class="profile-details">Đ
                                             <div class="profile-row">Đ
            <span class="profile-label">User ID:</span>Đ
                                                                <span
id="profileUserId">Loading...
                                          </div>Đ
class="profile-row">Đ
                              <span class="profile-label">Name:</span>Đ
            <span id="profileUserName">Loading...</span>Đ
           <div class="profile-row">Đ
```

```
<span class="profile-</pre>
                                 <span id="profileEmail">Loading...</span>Đ
label">Email:</span>Đ
           </div>Đ
                            <div class="profile-row">Đ
class="profile-label">Phone:</span>Đ
                                               <span
id="profilePhone">Loading...</span>Đ
                                             </div>Đ
                                                               <div
                                <span class="profile-label">Role:</span>Đ
class="profile-row">Đ
             <span id="profileRole">Loading...
           <div class="profile-row">Đ
                                                 <span class="profile-</pre>
label">Referral Code:</span>Đ
                                        <span
id="profileReferralCode">Loading...</span>Đ
                                                    </div>Đ
class="profile-row">Đ
                                <span class="profile-label">Created At:
span>Đ
                  <span id="profileCreatedAt">Loading...</span>Đ
                                                                         </
                     </div>Đ
div>Đ
             </div>Đ
                                    </div>Đ
                                                Æ
id="settingsModule" class="module" style="display: none;">Đ
                                                                <div
class="dashboard-header">Đ
                                 <hl class="dashboard-title">Admin
                        <div class="breadcrumb">Home > Settings</div>Đ
Settings</hl>Đ
</div>Đ
                        <!-- Username Section -->Đ
        Ð
                Ð
class="settings-section">Đ
                                  <label>Username:</label>Đ
<span id="currentUsername" class="current-value">Loading.../span>Đ
<div id="usernameEdit" class="edit-section">Đ
                                                          <input
type="text" id="usernameInput" placeholder="Enter new username" />Đ
               <button class="save-button" onclick="saveUsername()">Save/
                      <button class="cancel-button"</pre>
button>Đ
onclick="cancelEdit('username')">Cancel</button>Đ
                                                          </div>Đ
       </div>Đ Đ
                      <!-- Phone Section -->Đ
                                                     <div class="settings-</pre>
                    <label>Phone:</label>Đ
section">Đ
                                                    <span id="currentPhone"</pre>
class="current-value">Loading...
                                                 <div id="phoneEdit"
class="edit-section">Đ
                                   <input type="tel" id="phoneInput"</pre>
placeholder="Enter new phone number" />Đ
                                                    <button class="save-</pre>
button" onclick="savePhone()">Save</button>Đ
                                                         <button
class="cancel-button" onclick="cancelEdit('phone')">Cancel</button>Đ
           </div>Đ
                                   </div>Đ Đ <!-- Single Edit
                           Ð
Button -->Đ <div class="settings-section">Đ
                                               <button class="edit-button"</pre>
id="editProfileBtn" onclick="editProfile()">Edit Profile</button>Đ </div>Đ
       <!-- Profile Picture -->Đ
                                      <div class="settings-section">Đ
           <label>Change Profile Picture:</label>Đ
id="settingsImage" class="profile-pic" src="pics/
istockphoto-1316947194-612x612.jpg" alt="Current Profile Image" />Đ
<input type="file" id="uploadInput" accept="image/*" />Đ </div>Đ
       <div id="settingsStatus" class="status-msg"></div>Đ
                                                           ĐĐ
<div id="successPopup">Đ
                              Đ
                                                                    <button
onclick="closePopup()">OK</button>Đ </div>Đ
                                               </div>Đ
                                                            Ð
               <div id="chatModule" class="module" style="display: none;">Đ
                        <!-- Chat messages will be displayed here -->Đ
       <h2>Chat</h2>Đ
       <div class="chat-box" id="chatBox"></div>Đ
                                                               <!-- Chat
                                                      Ð
input area -->Đ <div class="chat-input-area">Đ
                                                             <input
type="text" id="chatInput" placeholder="Type your message..." />Đ
<button onclick="sendChatMessage()">Send</button>D
                                                 </div>Đ
                                                                    Ð
       <!-- Loading indicator for fetching chat -->Đ
id="loadingIndicator" style="display: none;">Loading...</div>D </div>D
                                                                        Ð
        <!-- Notifications Panel -->Đ
                                        <div id="notificationPanel"</pre>
                                    <h3>Ø=Ý Notifications</h3>Đ
class="notification-panel">Đ
                                                                       <11]
id="adminNotificationList">Đ
                                         <button
                                                position: absolute; D
onclick="closeNotifications()" style="D
                right: 10px;Đ
                                 background: none;Đ
top: 10px;Đ
                                                            border: none;Đ
       font-size: 20px;Đ
                            color: red;Đ
                                               cursor: pointer;Đ
font-weight: bold; D
                            ">x</button>Đ
                                                </div>Đ
                                                         Đ </main>Đ Đ
<script src="admin_dashboard.js"></script>DB/body>B/html>D
```

demo\src\main\resources\static\admin dashboard2.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>Đ
                                      <meta charset="UTF-8">Đ
name="viewport" content="width=device-width, initial-scale=1.0">Đ
<title>Admin Dashboard</title>D <link rel="stylesheet"</pre>
href="admin dashboard.css">>>D/head>>Dbody>>D
                                        <div class="admin-container">Đ
       <!-- Sidebar -->Đ
                             <aside class="sidebar">Đ
                                                              <h2>Admin
                                       <a href="#">Ø<ßà Dashboard</a>Đ
Panel</h2>Đ
                    Đ
               <a href="#">Ø=ÜË Users</a>Đ
                                                          <a
                                        <a href="#">Ø=Þa Logout</a>Đ
href="#">&™b Settings</a>Đ
                       </aside>Đ
                                      <!-- Main Content -->Đ
           Đ
                                                                 <main
class="main-content">Đ
                              <header>Đ
                                                     <h1>Welcome, Admin</
h1>Đ
                 <div class="notification-icon"</pre>
onclick="toggleNotifications()">Đ
                                                Ø=Ý
                                                     <span
id="notificationCount">0</span>Đ
                                           </div>Đ
                                                            </header>Đ
           <!-- Recent Users Table -->Đ
                                               <section class="dashboard-</pre>
                       <h2>Ø=Ül Recent User Signups</h2>Đ
section">Đ
                                                                 <div
class="table-container">Đ
                                         Đ
<thead>Đ
                                Đ
User IDĐ
                                            NameĐ
                             EmailĐ
PhoneĐ
                                           Signup TimeĐ
                          Đ
                                                     </thead>Đ
                      Đ
                                                                    <!--
Users will be loaded here dynamically -->Đ
                                                            Đ
                                         </div>Đ
                  Đ
                                                          </section>Đ
           <!-- Notifications Panel -->Đ
                                                <div
id="notificationPanel" class="notification-panel">Đ
                                                             <h3>Ø=Ý
Notifications</h3>Đ
                               ul id="adminNotificationList">
               <button onclick="closeNotifications()">Close</button>Đ
           </div>Đ
                        </main>Đ
                                  </div>Đ
                                           <script>Đ
Recent Usersasync function fetchRecentUsers() {Đ
                                               try {Đ
response = await fetch("http://localhost:8080/api/recent-signups");Đ
const users = await response.json();Đ
                                        const userList =
document.getElementById("userList");D
                                        userList.innerHTML = "";Đ
users.forEach(user => {Đ
                                const row = document.createElement("tr");D
           row.innerHTML = `Đ
                                          ${user.userId}Đ
               ${user.userName}Đ
                                                     ${user.email}</
td>Đ
                 ${user.phone}Đ
                                                     ${new}
Date(user.createdAt).toLocaleString()}
                                     } catch (error) {Đ
userList.appendChild(row); Đ
                               });Ð
console.error("Error fetching users:", error);Đ }ĐĐ/ Fetch Admin
Notifications Dsync function fetch Admin Notifications () {D try {D
response = await fetch("http://localhost:8080/admin-notifications/unread"); D
       const notifications = await response.json();D
notificationList = document.getElementById("adminNotificationList");D
const notificationCount = document.getElementById("notificationCount");D
       notificationList.innerHTML = "";Đ
                                            notificationCount.textContent
= notifications.length; Đ
                            notifications.forEach(notification => {Đ
           const item = document.createElement("li");D
item.innerText = notification.message; D
                                              item.onclick = async () => {Đ
              await markAsRead(notification.id); D
fetchAdminNotifications();Đ
                                   };Ð
notificationList.appendChild(item);D
                                        });D } catch (error) {D
notification as read in the database Async function markAsRead(notificationId)
                await fetch(`http://localhost:8080/admin-notifications/mark-
as-read/${notificationId}`, {Đ
                                     method: "POST",Đ
                                                               headers:
{ "Content-Type": "application/json" }Đ
                                          });Đ
                                                } catch (error) {Đ
console.error("Error marking notification as read:", error); D } 尹 / Close
Notification PanelĐ
```

```
function closeNotifications() {Đ
document.getElementById("notificationPanel").style.display = "none"; 夢 /
Toggle Notifications Panel Dunction toggle Notifications () {Description of the constitution of the consti
document.getElementById("notificationPanel");D panel.style.display =
panel.style.display === "block" ? "none" : "block"; 勒 / Load Initial Data Đ
fetchRecentUsers(); DetchAdminNotifications(); D    
General Styling */Dody {D font-family: "Poppins", sans-serif;D
                                                                                                                                                                                                               margin: 0;Đ
                                                                                                               background: #f4f4f4;) ₱₱ * Dashboard
             padding: 0; D display: flex; D
Container */Đadmin-container {Đ display: flex;Đ width: 100%;₱₱* Sidebar */Đ
 .sidebar {Đ width: 200px;Đ
                                                                                              background: #2c3e50; D color: white; D
padding: 20px; D height: 100vh; D position: fixed; D
                                                                                                                                                                            left: 0;Đ
                                                                                                                                                                                                                    top: 0;Đ
             animation: slideIn 0.5s ease-in-out; $\Posidebar h2 {P text-align: center; $\Posidebar h2 for te
 .sidebar ul {Đ list-style: none;Đ padding: 0;∌Đsidebar ul li {Đ
padding: 15px;Đ transition: background 0.3s;₱₱sidebar ul li:hover {₱
background: #34495e; Desidebar ul li a {Descolor: white; Desidebar ul li a {Descolor: white; Design and the color: white; Design and
                                                                                                                                                                                          text-decoration:
                         font-weight: bold; **D* Main Content */Dmain-content {D flex: 1; D
margin-left: 250px;Đ padding: 20px;Đ animation: fadeIn 0.8s ease-in-out;₱₱
* Header */header {D display: flex;D
                                                                                                                              justify-content: space-between; Đ
align-items: center; D background: #fff; D padding: 15px; D
                                                                                                                                                                                                   border-radius:
                          box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.1); ₱₽* Notification Icon */Đ
10px;Đ
                                                                        cursor: pointer;D font-size: 22px;D position:
 .notification-icon {Đ
                                                                                                      background: red; D color: white; D
relative; ₱₱notificationCount {Đ
padding: 5px 8px; D border-radius: 50%; D
                                                                                                                                      position: absolute;Đ
                                                                                                                                                                                                                    top: -8px;Đ
             right: -8px;Đ font-size: 14px;₱₱* Dashboard Section */Đdashboard-
section {D margin-top: 20px;D
                                                                                                         background: white; padding: 20px; D
border-radius: 10px;D box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.1);DD* Table
*/Dtable-container {D overflow-x: auto; Dable {D
                                                                                                                                                                  width: 100%;Đ border-
collapse: collapse; → margin-top: 10px; → hbh, td {Ð
                                                                                                                                                                       border: 1px solid #ccc;Đ
             padding: 12px;Đ text-align: left;ĐĐh {Đ background: #2c3e50;Đ
color: white; ₱₱* Notifications */Đnotification-panel {Đ
                                                                                                                                                                                  display: none;Đ
position: fixed; D top: 50px; D right: 20px; D background: white; D
                                                                    width: 320px; D box-shadow: 0px 4px 10px rgba(0, 0,
border-radius: 8px;Đ
0, 0.2);Đ padding: 15px;₱Đnotification-panel ul {Đ
                                                                                                                                                                         list-style: none;Đ
padding: 0; Dnotification-panel ul li {D padding: 10px; D border-bottom:
                                                        cursor: pointer;₱₱* Animations */®keyframes slideIn {Đ
1px solid #ddd;Đ
                                        transform: translateX(-100%); D }D to {D
                                                                                                                                                                                          transform:
from {Đ
translateX(0);D } Dekeyframes fadeIn {D
                                                                                                                                   from {Đ
                                                                                                                                                                                   opacity: 0;Đ
                                     opacity: 1;Đ
                                                                                }∌Ð </style>Ð/body>Ð/html>Ð
to {Đ
```

demo\src\main\resources\static\forgot.html

```
<title>Forgot Page</title>Bdiv class="container">D
                                                   <div class="text-
                          Ð
                               </div>D <div class="image-section">D
             <div class="form-section">Đ
    </div>Đ
                                              <div class="form-box">Đ
           <h2>Forgotten Password</h2>Đ
                                                 Create your new
passwordĐ
                            <!-- Email Verification Section -->Đ
                                                                       <div
id="emailSection">Đ
                             <div class="input-group">Đ
                                                                     <label
for="email">Enter your registered Email</label>Đ
type="email" id="email" required placeholder="Email">Đ
                                                                   <div
class="error" id="emailError"></div>Đ
                                              </div>Đ
                                                                <button
class="btn" onclick="checkEmail()">Verify Email</button>D
                                                              </div>Đ
<!-- Password Reset Section (Hidden Initially) -->Đ
id="resetPasswordSection" style="display: none;">Đ
class="input-group">Đ
                                  <label for="newPassword">New Password/
                     <input type="password" id="newPassword" required</pre>
placeholder="New Password">Đ
                                          <div class="error"
id="passwordError"></div>Đ
                                    </div>Đ
                                                     <div class="input-
group">Đ
                      <label for="confirmNewPassword">Confirm Password/
                     <input type="password" id="confirmNewPassword" required</pre>
label>Đ
placeholder="Confirm Password">Đ
                                             <div class="error"
id="confirmPasswordError"></div>Đ
                                          </div>Đ
class="btn" onclick="resetPassword()">Reset Password</button>D
                                                                   </div>Đ
       <div class="account">Đ
                                       <h5>Remembered your password? <a
class="signin" href="signin.html">Sign In</a></h5>Đ
                                                        </div>Đ
                                      // Verify if the email exists in the
        </div>Đ
                 Ð
                      <script>Đ
database Dunction check Email() {D let email =
document.getElementById("email").value.trim();D
document.getElementById("emailError");D
                                       // Clear previous error messagesĐ
emailError.textContent = "";D fetch("http://localhost:8080/api/verify-
                method: "POST",Đ
email", {Đ
                                      headers: { "Content-Type":
                          body: JSON.stringify({ email: email })D
"application/json" },D
    .then(response => response.json())D
                                       .then(data => {Đ
                                                               if
(data.status === "error") {Đ
                                      emailError.textContent = data.message;
                           // Hide email section and show password reset
       } else {Đ
                  document.getElementById("emailSection").style.display =
sectionĐ
"none";Đ
document.getElementById("resetPasswordSection").style.display = "block";D
       console.error("Error:", error);D
       emailError.textContent = "Server error. Please try again.";D
                                                                     });∌∌/
Reset the password after validation Dunction resetPassword() { }
newPassword = document.getElementById("newPassword").value.trim();D
                                                                    let.
confirmNewPassword =
document.getElementById("confirmNewPassword").value.trim();D
passwordError = document.getElementById("passwordError");D
confirmPasswordError = document.getElementById("confirmPasswordError");D
Password validation patternĐ
                            let passwordPattern = /^(?=.*[A-Z])(?=.*[a-z])
(?=.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,}$/;D
                                                // Validate new passwordĐ
    if (!passwordPattern.test(newPassword)) {Đ
passwordError.textContent = "Password must be 8+ chars, 1 uppercase, 1
lowercase, 1 number & 1 special char.";Đ
                                            return;Đ } else {Đ
passwordError.textContent = "";D }D // Confirm password matchD
(newPassword !== confirmNewPassword) {Đ
confirmPasswordError.textContent = "Passwords do not match!";D
                                                                   return;Đ
    } else {Đ
                  confirmPasswordError.textContent = "";D }D
                                                                 // Send
the new password to the server for updatingĐ let email =
document.getElementById("email").value.trim();D
                                               fetch("http://
                                        method: "POST",Đ
localhost:8080/api/reset-password", {Đ
                                                                  headers:
{ "Content-Type": "application/json" },Đ
                                             body: JSON.stringify({Đ
           email: email,Đ
                                   newPassword: newPasswordĐ
    .then(response => response.json()) D
```

```
.then(data => \{Đ if
(data.status === "success") {D alert("Password updated
again.");D });DD </script>Bstyle>D * {D margin: 0;D padding: 0;D box-sizing: border-box;D font-family: "poppins", sans-serif;D }D body {D display: flex;D justify-content:
center; D align-items: center; D height: 100vh; D background: white; D } D container {D D display: flex; D width: 100%; D
           max-width: 1700px;Đ height: 700;Đ Đ border-radius: 8px;Đ overflow: hidden;Đ box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);Đ
             background-color: #fafafa;Đ
                                                                            background-image: linear-
gradient(135deg, #f5f5f5 25%, transparent 25%),Đ
linear-gradient(225deg, #f5f5f5 25%, transparent 25%),Đ
                                                  linear-gradient(45deg, #f5f5f5 25%, transparent
25%),Đ
                                                           linear-gradient(315deg, #f5f5f5 25%,
transparent 25%);Đ
                                                 background-position: 10px 0, 10px 0, 0 0, 0 0;Đ
                  width: 65%; D flex: 1; D
             background: url("pics/forex\ flaticon.gif ") no-repeat center / 100%
100%; D margin-top: 100px; D margin-bottom: 100px; D margin-
left: 80px;D border-bottom-left-radius: 5%;D border-top-left-radius: 5%;D box-shadow: -5px 0 10px -2px rgba(0, 0, 0, 0.2);D D
                                           width: 50%;Đ Đ display: flex;Đ
             .form-section {Đ
              justify-content: center; Dackdrop-
filter: blur(10px); D margin-top: 100px; D margin-bottom: 100px; D
             margin-right: 80px;Đ Đ Đ Đ .form-box {Đ width: 100%;Đ
             height: 100%; D background: white; D padding: 80px; D
text-align: center; D border-top-right-radius. 5%; D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D text-align: center; D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D text-align: center; D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0.3); D box-shadow: 5px 
                                           border-top-right-radius: 5%;D border-bottom-
             \mathbb{D} }\mathbb{D} h2 {\mathbb{D} padding-bottom: 10px;\mathbb{D} text-align: center;\mathbb{D} font-size: 30px;\mathbb{D} font-weight: bold;\mathbb{D} \mathbb{D} color: black;\mathbb{D}
             font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-
serif;D text-align: center;D font-size: 20px;D D
color: black;D margin-bottom: 30px;D }D h4 {D font-family:
'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;D padding-
bottom: 20px;D text-align: center;D margin-bottom: 10px;D
font-weight: bold; \theta font-size: 20px; \theta } \theta . heading \theta padding-bottom: \theta bottom: \theta font-size: \theta margin-bottom: \theta text-align: left; \theta } \theta label \theta font-family: 'Lucida Sans', 'Lucida
Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-
serif;Đ font-weight: bold;Đ display: block;Đ margin-bottom:
                    font-size: 14px; D color: black; D letter-spacing: 1px; D
5px;Đ
                                 font-family: 'Gill Sans', 'Gill Sans MT', Calibri,
     }Đ input {Đ
'Trebuchet MS', sans-serif;Đ width: 100%;Đ padding: 12px 15px;Đ border: 2px solid #ccc;Đ border-radius: 8px;Đ font-size 16px;Đ transition: 0.3 ease;Đ Đ }Đ Đ .input-group
                                                                                                        font-size:
input:hover{D border-color: #667eea;D box-shadow: Opx Opx 10px
rgba(102, 126, 234, 0.5); Đ transform: scale(1.02); Đ Đ
     .error {Đ color: red;Đ font-size: 12px;Đ }Đ .btn {Đ
width: 100%;Đ
                                background: linear-gradient(to right, #667eea, #764ba2); Đ
color: black;Đ padding: 14px;Đ border: none;Đ border-radius: 8px;Đ font-size: 16px;Đ cursor: pointer;Đ
transition: all 0.3s ease-in-out; D font-weight: bold; D
letter-spacing: 1px; D box-shadow: 0px 5px 15px rgba(102, 126, 234, 0.3); D
     }Đ Đ .btn:hover {Đ background: linear-gradient(to right,
#764ba2, #667eea);Đ
```

transform: scale(1.05);Đ box-shadow: 0px 8px display: none; D D .account D padding-top: Dtextalign: center;D }D .account Dfont-size: 16px;Đ }Đ .signin{Đ font-weight: bold; Đ text-decoration: none; Đ font-Ð }Đ Đ .signin :hover{Đ text-decoration: underline; Đ size: 16pxĐ transform: scale(1.05);Đ Đ }Đ .text-overlay h2 {₱osition: absolute; Dop: 6%; Deft: 28%; Dransform: translate(-50%, -50%); Dext-align: center; padding: 20px; border-radius: 10px; betext-overlay h2{bolor: black; bontweight: bold; Dont-size: 23px; Dext-shadow: 0 0 1px #121414, 0 0 1px #181b1b, 0 0 1px #0e0f0f; #Dnimation: fadeInOut 2.5s ease-in-out infinite; #D display: inline-block; Detext-overlay p {Dosition: absolute; Dop: 91%; Deft: 28%; D transform: translate(-50%, -50%); Dext-align: center; Padding: 20px; Dorderradius: 10px; Detext-overlay p{Dolor: black; Dont-weight: bold; Dont-size: 21px; D text-shadow: 0 0 1px #161718, 0 0 1px #0f1011, 0 0 1px #171a1b; #2nimation: fadeInOut 2.5s ease-in-out infinite; D display: inline-block; Dekeyframes fadeInOut {D 0% {D opacity: 0;D }D 50% {D opacity: 1;D }D 100% {D opacity: 0;Đ }ĐĐ/style>Đ

demo\src\main\resources\static\homepage.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>D <meta charset="UTF-8">D <meta
name="viewport" content="width=device-width, initial-scale=1.0">Đ
<title>TradePro - Advanced Trading Platform</title>D <style>D * {D
margin: 0;D padding: 0;D box-sizing: border-box;D
                                                                           font-family:
'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;Đ }Đ Đ body {Đ background-color: \#f0f2f5;Đ color: \#333;Đ }Đ D .navbar {Đ
display: flex; D justify-content: space-between; D align-items: center; D
       background-color: #0a2647;Đ padding: 1rem 2rem;Đ color: white;Đ
       box-shadow: 0 2px 4px rgba(0,0,0,0.1);\overline{D} }\overline{D} \overline{D} .logo {\overline{D} font-
size: 1.5rem; D font-weight: bold; D color: white; D text-
a {D color: white; D text-decoration: none; D font-weight: 500; D
      transition: color 0.3s ease; \theta \theta .nav-links a:hover \theta
color: \#38bdf8; D }D D .auth-buttons {D display: flex; D gap:
lrem;D }D D .auth-buttons button {D padding: 0.5rem lrem;D
border-radius: 4px;D font-weight: 500;D cursor: pointer;D
transition: all 0.3s ease; Đ Đ .login-btn {Đ background:
transparent; D border: 1px solid white; D color: white; D D
     .login-btn:hover {Đ background: rgba(255, 255, 255, 0.1);Đ }Đ
.signup-btn {Đ background: \#38bdf8;Đ border: none;Đ color: \#0a2647;Đ }Đ Đ .signup-btn:hover {Đ background: \#0ea5e9;Đ }Đ Đ
     .hero {Đ padding: 2rem;Đ background: #0a2647;Đ color: white;Đ
       \texttt{text-align: center;} \ \ \texttt{D} \ \ \texttt{padding-bottom: 4rem;} \ \ \texttt{D} \ \ \ \ \texttt{D} \ \ \ . \\ \texttt{hero h1 } \ \ \{\texttt{D} \ \ \ \ \ \ \ \ \ \}
       font-size: 2.5rem; D margin-bottom: 1rem; D } Đ D .hero p {Đ
font-size: 1.1rem; max-width: 800px; margin: 0 auto; margin-
bottom: 2rem; D color: #cbd5e1; D D .get-started {D padding: 0.75rem 1.5rem; D background: #38bdf8; D color: #0a2647; D border:
none; D border-radius: 4px; D font-weight: 600; D font-size: 1rem; D
       cursor: pointer; D transition: background 0.3s ease; D D D
     .get-started:hover {D background: #0ea5e9;D }D D .dashboard {D max-width: 1200px;D margin: -2rem auto 2rem;D padding: 1rem;D display: grid;D grid-template-columns: repeat(12, 1fr);D grid-
gap: 1rem;D }D D .card {D background: white;D border-radius:
8px; D box-shadow: 0 4px 6px rgba(0,0,0,0.1); D padding: 1.5rem; D
transition: transform 0.3s ease, box-shadow 0.3s ease; Đ ĐĐ
    .card:hover {D transform: translateY(-5px);D box-shadow: 0 8px
15px rgba(0,0,0,0.1);D }D .price-chart {D grid-column: span 8;D
}D D .market-summary {D grid-column: span 4;D }D D .volume-chart, .technical-indicators {D grid-column: span 6;D }D D .order-
book, .recent-trades {Đ grid-column: span 6;Đ }Đ Đ .news-feed {Đ
       grid-column: span 12;Đ }Đ Đ .card h2 {Đ margin-bottom: lrem;Đ font-size: 1.25rem;Đ color: #0a2647;Đ display: flex;Đ
justify-content: space-between; D align-items: center; D } D D .card
h2 .icon {D color: #64748b; D font-size: lrem; D cursor: pointer; D
     }\bar{D} .card h2 .icon:hover {\bar{D} color: \#0a2647;\bar{D} }\bar{D} .table {\bar{D}
       width: 100%; D border-collapse: collapse; D D .table
th, .table td {Đ padding: 0.75rem;Đ text-align: left;Đ border-
bottom: 1px solid #e2e8f0;D }D D .table th {D font-weight: 600;D color: #64748b;D }D D .up {D color: #10b981;D }D D .down {D color: #ef4444;D }D D .news-item {D display: flex;D gap: lrem;D margin-bottom: lrem;D padding-bottom: lrem;D
border-bottom: 1px solid #e2e8f0;D }D D .news-item:last-child {D margin-bottom: 0;D padding-bottom: 0;D border-bottom: none;D }D D .news-image {D width: 80px;D height: 80px;D background-color: #e2e8f0;D border-radius: 4px;D overflow: hidden;D }D D .news-content h3 {D font-size: 1rem;D margin-bottom: 0.5rem;D }D D
     .news-content p {Đ font-size: 0.875rem;Đ color: #64748b;Đ
margin-bottom: 0.5rem; D
```

```
}Đ Đ .news-content .timestamp {Đ font-size:
         color: #94a3b8;Đ }Đ Đ .footer {Đ background: #0f172a;Đ
0.75rem;Đ
    color: white; D padding: 3rem 2rem; D D .footer-content {D
    max-width: 1200px; D margin: 0 auto; D display: grid; D grid-
template-columns: repeat(4, 1fr); D gap: 2rem; D } D .footer-section h3 {D margin-bottom: 1rem; D font-size: 1.1rem; D } D .footer-section a {D display: block; D color: \#cbd5e1; D text-decoration: none; D margin-bottom: 0.5rem; D transition: color 0.3s ease; D } D D
   .footer-section a:hover {Đ color: \#38bdf8;Đ }Đ D .copyright {Đ
    text-align: center; D margin-top: 2rem; D padding-top: 2rem; D
border-top: 1px solid #1e293b; D color: #94a3b8; D font-size: 0.875rem; D
  }Đ Đ @media (max-width: 768px) {Đ .dashboard {Đ
                                              grid-
}D D @media (max-width: 480px) {D .nav-links {D display: P }D D .footer-content {D grid-template-columns: P }D
   }Đ }Đ </style>B/head>Bbody>Đ <nav class="navbar">Đ <a href="#"
class="logo">Trade<span>Pro</span></a>Ð <div class="nav-links">Ð <a
href="#">Dashboard</a>Ð <a href="#">Markets</a>Ð <a href="#">Trading</
    <a href="#">Portfolio</a>Ð <a href="#">Analytics</a>Ð </div>Ð
<button class="signup-btn">Sign Up</button>D </div>D </nav>D D <section</pre>
class="hero">Đ <hl>Professional Trading at Your Fingertips</hl>Đ
Access real-time market data, advanced charting tools, and insightful
started">Get Started Now</button>Đ </section>Đ Đ <div class="dashboard">Đ
style="height: 320px;"></div>Đ </div>Đ div class="card market-
summary">Đ <h2>Market Summary <span class="icon">&#8942;</span></h2>Đ
Đ <thead>Đ
                            Đ
                                           SymbolĐ
        PriceĐ
                      24h ChangeĐ
                                               Đ
             Đ
                            Đ
     </thead>Đ
                                  BTC/USD
        48,236.75Đ
                             +2.34%Đ
          Đ
                     ETH/USDD 3,152.89D
</t.r>Ð
        +1.78%Đ 
                                          Đ
        SOL/USDĐ
                           103.42
                                               <td
class="down">-0.86%Đ
                                  Đ
                        Đ
                                              XRP/USD</
td>Đ
          0.5724
                             +0.43%Đ
Đ
          Đ DOT/USDĐ
                                        6.87
        -1.21%Đ
                               Đ
                                            Đ
        </div>Đ Odiv class="card volume-chart">Đ
Đ
                                            <h2>Trading
Volume <span class="icon">&#8942;</span></h2>Đ <div id="volume-chart-
container" style="height: 250px;"></div>Đ </div>Đ div class="card
                 <h2>Technical Indicators <span
technical-indicators">Đ
class="icon">%#8942;</span></h2>Đ <div id="indicators-chart-container"
style="height: 250px;"></div>Đ </div>Đ Order-book">Đ
    <h2>Order Book <span class="icon">&#8942;</span></h2>Đ <div</pre>
id="order-book-chart" style="height: 250px;"></div>Đ </div>Đ
class="icon">⋮</span></h2>Đ Đ
                                              <thead>Đ
                 TimeĐ
                                   PriceĐ
       Đ
AmountĐ
                 Đ </thead>Đ
                                                  Đ
                                     Đ
        14:32:45Đ
                            48,236.75Đ
        0.0546
                         Đ
                                 Đ
14:32:35D 48,231.20D
0.1250
                 Đ
                            Đ
                                      14:31:58
        48,228.35Đ
```

```
0.0387
                                   14:31:42
        Đ
                     Đ
                                                             <td
class="up">48,240.60
                                0.2145
                                                     Đ
                                       48,245.15Đ
             14:31:23
Đ
          0.0833
                               Đ
                                           Đ Đ </
      Đ Đ </div>Đ Đ <footer class="footer">Đ
                                           <div class="footer-content">Đ
     <div class="footer-section">D <h3>TradePro</h3>D
href="#">About Us</a>Đ <a href="#">Careers</a>Đ
                                                <a
                      <a href="#">Blog</a>Đ </div>Đ
href="#">Press</a>Đ
                                                             <div
                                                       Ð
                                               <a href="#">Exchange</
class="footer-section">Đ
                      <h3>Products</h3>Đ
        <a href="#">Institutional Services</a>Đ
                                                <a href="#">API</a>Đ
       <a href="#">Mobile App</a>Đ </div>Đ
                                            Ð
                                               <div class="footer-
              <h3>Support</h3>Đ
section">Đ
                                  <a href="#">Help Center</a>Đ
<a href="#">Contact Us</a>Đ <a href="#">FAQ</a>Đ
                                                   <a
href="#">Security</a>Ð </div>Ð div class="footer-section">Ð
                      <a href="#">Terms of Service</a>Đ <a
       <h3>Legal</h3>Đ
href="#">Privacy Policy</a>Đ
                           <a href="#">Risk Disclosure</a>Ð
                                                                <a
href="#">Cookie Policy</a>Đ
                           </div>Đ </div>Đ div
class="copyright">Đ © 2025 TradePro. All rights reserved.Đ
                                                            </div>Đ
</footer>D <script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/3.9.1/</pre>
chart.min.js"></script>Đ <script>Đ // Price ChartĐ const priceCtx =
document.createElement('canvas');D document.getElementById('price-chart-
container').appendChild(priceCtx);D D const priceLabels =
Array.from(\{length: 30\}, (\_, i) \Rightarrow i + 1\}) const priceData = [\emptyset
                                                            46720,
46850, 47100, 46900, 47300, 47200, 47500, 47450, 47800, 47750, Đ 47900,
47850, 48000, 48150, 48050, 48200, 48100, 48350, 48250, 48400,Đ 48300,
48150, 48250, 48350, 48237, 48300, 48150, 48237, 48150, 48236Đ ];Đ
labels:
priceLabels,Đ
                datasets: [{Đ
                                   label: 'BTC/USD Price',Đ
                 borderColor: '#38bdf8',Đ backgroundColor:
data: priceData,Đ
'rgba(56, 189, 248, 0.1)',Đ
                              tension: 0.4,Đ
                                                   fill: true,Đ
                             borderWidth: 2Đ
        pointRadius: 0,Đ
                                                 }]Ð
                                                     },Đ
              responsive: true, D maintainAspectRatio: false, D
options: {Đ
plugins: {Đ
               display: falseD },D
tooltip: {Đ
                 mode: 'index',Đ
                                    intersect: falseĐ
                                                                }Đ
               {	t scales:}\ {	t \{ D }
                               x \colon \{D
                                           display: true,Đ
         grid: {Đ
                            display: falseĐ
                                                  }Đ
                                                             },Đ
                     display: true,Đ
        y: {Đ
                                             grid: {Đ
color: 'rgba(0, 0, 0, 0.05)'Đ
                              }Đ
                                           }Đ
                                                   }Đ
                                                          }Đ
                                                             });Ð
      // Volume ChartD const volumeCtx = document.createElement('canvas');D
   document.getElementById('volume-chart-container').appendChild(volumeCtx);D
   D const volumeLabels = ['Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun',
'Jul', 'Aug', 'Sep', 'Oct', 'Nov', 'Dec']; D const volumeData = [850, 750, 820, 780, 880, 930, 920, 1020, 980, 925, 970, 1050]; D new
Chart(volumeCtx, {Đ type: 'bar',Đ data: {Đ
                                                labels: volumeLabels,Đ
                          label: 'Trading Volume (millions USD)',Đ
      datasets: [{Đ
                               backgroundColor: '#38bdf8',Đ
        data: volumeData,Đ
                                             responsive: true,Đ
borderRadius: 4Đ
                          },Đ options: {Đ
               } ]Ð
      maintainAspectRatio: false,Đ
                                  plugins: {Đ legend: {Đ
          display: falseĐ
                              }Đ
                                    },Ð
                                               scales: {Đ
                                                                x: {Đ
                                                }Đ
          grid: {Đ
                            display: falseĐ
                                                             },Đ
        y: {Đ
                                       color: 'rgba(0, 0, 0, 0.05)'Đ
                      grid: {Đ
                           \} \mathbb{D}
                    }Đ
                                }Đ });Đ Đ // Technical
          }Đ
                const indicatorsCtx = document.createElement('canvas');D
Indicators ChartĐ
   document.getElementById('indicators-chart-
```

Array.from({length: 20}, (_, i) => i + 1);D const priceDataShort =

if (i >= 4) {Đ

priceData.slice(-20);D const smaData = [];D const emaData = [];D D // Calculate SMA and EMAD for (let i = 0; i < priceDataShort.length; i++) $\{D \in \mathbb{R} \mid D \in \mathbb{R} \}$

```
// Simple 5-day moving averageĐ const sma =
(priceDataShort[i] + priceDataShort[i-1] + priceDataShort[i-2] +
} else {Đ smaData.push(null);Đ
                                         }Đ
                                                Ð
                                                      // Simple EMA
                 if (i === 0) \{D = maData.push(priceDataShort[0]); D
approximationĐ
     } else {Đ
                const k = 2 / (10 + 1); // 10-day EMA factorĐ
const ema = priceDataShort[i] * k + emaData[i-1] * (1-k); D
'line',Đ
         data: {Đ
                      labels: indicatorLabels,Đ datasets: [Đ
                     label: 'Price',Đ
                                             data: priceDataShort,Đ
           borderColor: '#38bdf8',Đ
                                           borderWidth: 2,Đ
                      pointRadius: 0Đ
                                            },Đ
tension: 0.1,Đ
                                                       {Đ
label: 'SMA (5)',Đ
                         data: smaData,Đ
                                                  borderColor: '#ef4444',Đ
                                                          pointRadius: 0Đ
          borderWidth: 2,Đ
                                  tension: 0.1,Đ
                               label: 'EMA (10)',Đ
                                                           data:
                   {Đ
                  borderColor: '#10b981',Đ
                                                  borderWidth: 2,Đ
emaData.Đ
                                pointRadius: 0Đ
           tension: 0.1,Đ
                                                    }Ð ]Ð
           options: \{\mathtt{D} plugins: \{\mathtt{D}
                             responsive: true,Đ
     },Đ
                                                    maintainAspectRatio:
                                                   mode: 'index', D
                              tooltip: {Đ
false,Đ
           intersect: falseĐ
                                                    scales: {Đ
                                           },Đ
                                 }Đ
                                  display: falseĐ
             grid: {Đ
                                                         }Đ
x: {Đ
         y: {Đ
                       grid: {Đ
                                          color: 'rgba(0, 0, 0, 0.05)'Đ
           \}Đ
                     }Đ
                            }Đ
                                  }D });D D // Order Book ChartD
const orderBookCtx = document.createElement('canvas');D
document.getElementById('order-book-chart').appendChild(orderBookCtx);D
const askPrices = [48240, 48250, 48260, 48270, 48280, 48290, 48300, 48310,
48320, 48330]; \triangle const askVolumes = [1.2, 2.5, 3.8, 4.2, 5.5, 6.1, 7.4, 8.2, 9.5, 10.8]; \triangle \triangle const bidPrices = [48230, 48220, 48210, 48200, 48190,
48180, 48170, 48160, 48150, 48140]; D const bidVolumes = [1.5, 2.8, 3.6,
4.5, 5.3, 6.7, 7.9, 8.6, 9.3, 10.5]; Đ new Chart(orderBookCtx, {Đ
type: 'bar',Đ
               data: {Đ labels:
[...bidPrices.reverse(), ...askPrices],Đ
                                           datasets: [Đ
                                                              {Đ
           label: 'Bids',Đ
                                  data:
[...bidVolumes.reverse(), ...Array(askPrices.length).fill(null)],D
backgroundColor: '#10b981'D }, D {D label: 'Asks', D}
           data: [...Array(bidPrices.length).fill(null), ...askVolumes],D
           backgroundColor: \#ef4444\oplus }\emptyset
options: {Đ responsive: true,Đ
                                       maintainAspectRatio: false,Đ
indexAxis: 'x',Đ
                plugins: {Đ
                                      tooltip: {Đ
                                                          callbacks: {Đ
            title: function(tooltipItems) {Đ
                                                        return 'R' +
tooltipItems[0].label;Đ
                                                              },Ð
                                }Đ
                                             }Đ
                                       stacked: true,Đ
       scales: {Đ
                        x: {Đ
                                                               grid: {Đ
                                    },Đ
            display: falseĐ
                                                 ticks: {Đ
callback: function(value, index) {Đ
                                              const allLabels =
                                                  // Show fewer ticks
[...bidPrices.reverse(), ...askPrices];Đ
                           if (index === 0 || index === 9 || index === 10
for readabilityĐ
|| index === 19) {Đ
                                 return 'R' + allLabels[index]; D
                              return '';Đ
              }Đ
                   y: {Đ
                              stacked: true,Đ
                                                          grid: {Đ
             color: 'rgba(0, 0, 0.05)'Đ },Đ
                                                              title: {Đ
             display: true,Đ
                                 text: 'Volume'Đ
                                                              }Đ
                 }D }D });D </script>D/body>D/html>
         }Đ
```

demo\src\main\resources\static\manageUsers.html

```
<!-- manageUsers.html (already correct!) --> #Ddiv class="dashboard-header"> Đ
<h1 class="dashboard-title">Manage Users</h1>Đ
                                                                                                  <div class="breadcrumb">Home
> Manage Users</div>D/div>Ddiv class="data-card fade-in">D
                          <div id="userLoading">Loading users...</div>D <table</pre>
class="session-table" id="userTable" style="display: none;">Đ
                                                                                                                                           <thead>Đ
                                                                 User IDĐ
                                                                                                                                  User
NameĐ
                                                   EmailĐ
                                                                                                                PhoneĐ
                                RoleĐ
                                                                                   Đ
                                                                                                              </thead>Đ
                                                               <!-- User rows will be inserted here -->Đ
id="userTableBody">Đ
                Đ
                                       B/div>Bscript>Đ
                                                                                           async function loadUsers() {Đ
                const loadingDiv = document.getElementById("userLoading");D
const table = document.getElementById("userTable");D
document.getElementById("userTableBody");D
                                                                                                   loadingDiv.style.display =
                                table.style.display = "none"; D
                                                                                                                                              const
response = await fetch("http://localhost:8080/api/all-users");Đ
                                                                                                                                                       if
(!response.ok) throw new Error("Failed to fetch users"); Đ
                                                                                                                                           const
                                                                                      tbody.innerHTML = "";Đ
users = await response.json();Đ
users.forEach(user => {Đ
                                                                               const row =
document.createElement("tr");D
                                                                                           row.innerHTML = `Đ
                                        ${user.userId}Đ
${user.userName}
                                                                                           ${user.email}
                                         ${user.phone}Đ
                                                                                                                              ${user.role}
Đ
                                                                               tbody.appendChild(row);
                        loadingDiv.style.display = "none";D
                                                                                                                    table.style.display
= "table";Đ
                                    } catch (error) {Đ
                                                                                               console.error("Error loading
users:", error);Đ
                                                        loadingDiv.innerText = "Error loading user data.";D
                }Đ
                        }Đ
                                 document.addEventListener("DOMContentLoaded", loadUsers); 10/
                                  Đ Đ * {margin: 0; padding: 0; box-sizing: border-box; Đ
script>Bstyle>Đ
font-family: 'Segoe UI', sans-serif; Dody (Display: flex; Dackground: #f5f7fa; D
height: 100vh; Dverflow: hidden; Dheader {Dosition: fixed; Dop: 0; Deft: 0; D
width: 100%; Decight: 60px; Dackground: #2e3a59; Dolor: white; Display: flex; Dlign-
items: center; padding: 0 20px; p-index: 1000; pox-shadow: 0 2px 5px rgba(0, 0,
0, 0.1);∌Đuser-role {Đ font-size: 12px;Đ color: #888;Đ margin-top: 2px;∌Đ
.hamburger {Dackground: none;Dorder: none;Dolor: white;Dont-size: 22px;D
cursor: pointer; margin-right: 15px; Dheader-title {Dont-size: 20px; Dlex: 1; Dont-size: 20px; Dlex: 20px; Dlex:
.user-info-mini {Display: flex;Dlign-items: center;Dont-size: 16px;Dont-
weight: 600; justify-content: center; jap: 10px; juser-info-mini .name { Dext-
align: center; Desidebar {Desition: fixed; Dep: 60px; Deft: 0; Didth: 240px; D
height: calc(100% - 60px); background: #1c2536; bolor: #fff; bransition:
transform 0.3s ease-in-out; Deverflow-y: auto; D-index: 999; Dsidebar.active {D
transform: translateX(-100%); $\D$sidebar-header {\D}adding: 20px; \D$order-bottom:
lpx solid #333; Duser-info (Display: flex; Dlign-items: center; Duser-avatar (D
background: #f39c12; Dolor: white; Dont-weight: bold; Didth: 45px; Deight: 45px; D
border-radius: 50%; Display: flex; Dlign-items: center; Dustify-content: center; D
margin-right: 15px; font-size: 20px; animation: popIn 0.4s ease; Duser-name {D
font-size: 16px; Dont-weight: bold; Duser-status {Dont-size: 13px; Dolor:
lightgreen; Denav-menu {Dist-style: none; Dadding: 10px 0; Denav-menu li a {Denav-menu li a
display: flex; plign-items: center; padding: 12px 20px; polor: #ccc; pext-
decoration: none; Dransition: background 0.3s; Dnav-menu li a:hover, Dnav-menu
li a.active {Background: #34495e;Bolor: #fff; Dnav-menu i {Bargin-right: 12px; D
}Đlogout-btn {Đidth: 90%; Bargin: 20px auto; Bisplay: flex; Blign-items: center; Đ
justify-content: center; Dackground: #e74c3c; Dolor: white; Dorder: none; D
padding: 12px; border-radius: 6px; bont-size: 16px; bursor: pointer; bransition:
background 0.3s ease; Dologout-btn: hover Dockground: #c0392b; Domain-content Dockground: #c0392b; Domain-content
margin-left: 240px;padding: 80px 30px;Didth: 100%;Dverflow-y: auto;D
transition: margin-left 0.3s ease-in-out; Demain-content.expanded {Deargin-
left: 0; Dashboard-header { Margin-bottom: 20px; Danimation: fadeInUp 0.5s ease; D
}Đdashboard-title {Đont-size: 28px;Đargin-bottom: 5px;ÞĐbreadcrumb {Đolor:
#888;Đ
```

}Đdata-card {Đackground: white;Đadding: 25px;Đorder-radius: 10px;Đoxshadow: 0 3px 10px rgba(0,0,0,0.05); nimation: fadeIn 1s ease; Doading {Đ padding: 10px; Bolor: #333; \$Dsession-table {Didth: 100%; Border-collapse: collapse: Margin-top: 15px; Dession-table th, Dession-table td {Deadding: 12px; D border: 1px solid #ddd; Dext-align: center; Desession-table th {Deackground: #2e3a59; Doolor: white; Desession-table td {Dont-size: 15px; De Notification Icon */Đnotification-icon {Đursor: pointer;Đont-size: 22px;Đosition: relative;Đ }pnotificationCount {background: red; bolor: white; badding: 2px 6px; borderradius: 50%; position: absolute; pop: -8px; pight: -8px; pont-size: 12px; pp* Notifications */Dnotification-panel {Display: none; Dosition: fixed; Dop: 50px; D right: 20px; Dackground: white; Dorder-radius: 8px; Didth: 320px; Dox-shadow: 0px 4px 10px rgba(0, 0, 0, 0.2); padding: 15px; ponotification-panel ul {biststyle: none; padding: 0; ponotification-panel ul li {padding: 10px; borderbottom: 1px solid #ddd; Dursor: pointer; Dekeyframes fadeIn {Drom {opacity: 0; transform: translateY(10px);}Do {opacity: 1; transform: translateY(0);}DD @keyframes fadeInUp { \mathfrak{F} rom {opacity: 0; transform: translateY(20px);} \mathfrak{D} o {opacity: 1; transform: translateY(0);}} Φ keyframes popIn { Φ % { transform: Responsive */media (max-width: 768px) {Disidebar {Disid transform: translateX(-100%); \$\Disidebar.active {D transform: translateX(0); \$\Disidebar.active {D transform: translateX(0); }\Disidebar.active {D tr content {D margin-left: 0;D padding: 70px 20px; } B/Style>B/style>D

demo\src\main\resources\static\modules\manageUsers.html

```
<!-- manageUsers.html (already correct!) --> #Ddiv class="dashboard-header"> Đ
<h1 class="dashboard-title">Manage Users</h1>Đ
                                                                                                 <div class="breadcrumb">Home
> Manage Users</div>D/div>Ddiv class="data-card fade-in">D
                          <div id="userLoading">Loading users...</div>D <table</pre>
class="session-table" id="userTable" style="display: none;">Đ
                                                                                                                                           <thead>Đ
                                                                 User IDĐ
                                                                                                                                  User
NameĐ
                                                   EmailĐ
                                                                                                                PhoneĐ
                                Role
                                                                                   Đ
                                                                                                              </thead>Đ
                                                               <!-- User rows will be inserted here -->Đ
id="userTableBody">Đ
                Đ
                                      Ð/div>Ðscript>Ð
                                                                                          async function loadUsers() {Đ
                const loadingDiv = document.getElementById("userLoading");D
const table = document.getElementById("userTable");D
document.getElementById("userTableBody");D
                                                                                                   loadingDiv.style.display =
                                table.style.display = "none"; D
                                                                                                                                              const
response = await fetch("http://localhost:8080/api/all-users");Đ
                                                                                                                                                       if
(!response.ok) throw new Error("Failed to fetch users"); D
                                                                                                                                           const
                                                                                      tbody.innerHTML = "";Đ
users = await response.json();Đ
users.forEach(user => {Đ
                                                                               const row =
document.createElement("tr");D
                                                                                           row.innerHTML = `Đ
                                         ${user.userId}Đ
${user.userName}
                                                                                           ${user.email}
                                         ${user.phone}Đ
                                                                                                                              ${user.role}
Đ
                                                                              tbody.appendChild(row);Đ
                        loadingDiv.style.display = "none";D
                                                                                                                    table.style.display
= "table";Đ
                                    } catch (error) {Đ
                                                                                               console.error("Error loading
users:", error);Đ
                                                        loadingDiv.innerText = "Error loading user data.";D
                }Đ
                        }Đ
                                 document.addEventListener("DOMContentLoaded", loadUsers); 10/
                                 Đ Đ * {margin: 0; padding: 0; box-sizing: border-box; Đ
script>Bstyle>Đ
font-family: 'Segoe UI', sans-serif; Dody (Display: flex; Dackground: #f5f7fa; D
height: 100vh; Dverflow: hidden; Dheader {Dosition: fixed; Dop: 0; Deft: 0; D
width: 100%; Decight: 60px; Dackground: #2e3a59; Dolor: white; Display: flex; Dlign-
items: center; padding: 0 20px; p-index: 1000; pox-shadow: 0 2px 5px rgba(0, 0,
0, 0.1);∌Đuser-role {Đ font-size: 12px;Đ color: #888;Đ margin-top: 2px;∌Đ
.hamburger {Dackground: none;Dorder: none;Dolor: white;Dont-size: 22px;D
cursor: pointer; margin-right: 15px; Dheader-title {Dont-size: 20px; Dlex: 1; Dont-size: 20px; Dlex: 20px; Dlex:
.user-info-mini {Display: flex;Dlign-items: center;Dont-size: 16px;Dont-
weight: 600; justify-content: center; jap: 10px; juser-info-mini .name { Dext-
align: center; Desidebar {Desition: fixed; Dep: 60px; Deft: 0; Didth: 240px; D
height: calc(100% - 60px); background: #1c2536; bolor: #fff; bransition:
transform 0.3s ease-in-out; Deverflow-y: auto; D-index: 999; Dsidebar.active {D
transform: translateX(-100%); $\D$sidebar-header {\D}adding: 20px; \D$order-bottom:
lpx solid #333; Duser-info (Display: flex; Dlign-items: center; Duser-avatar (D
background: #f39c12; Dolor: white; Dont-weight: bold; Didth: 45px; Deight: 45px; D
border-radius: 50%; Display: flex; Dlign-items: center; Dustify-content: center; D
margin-right: 15px; font-size: 20px; animation: popIn 0.4s ease; Duser-name {D
font-size: 16px; Dont-weight: bold; Duser-status {Dont-size: 13px; Dolor:
lightgreen; Denav-menu {Dist-style: none; Dadding: 10px 0; Denav-menu li a {Denav-menu li a
display: flex; plign-items: center; padding: 12px 20px; polor: #ccc; pext-
decoration: none; Dransition: background 0.3s; Dnav-menu li a:hover, Dnav-menu
li a.active {Background: #34495e;Bolor: #fff; Dnav-menu i {Bargin-right: 12px; D
}Đlogout-btn {Đidth: 90%; Bargin: 20px auto; Bisplay: flex; Blign-items: center; Đ
justify-content: center; Dackground: #e74c3c; Dolor: white; Dorder: none; D
padding: 12px; border-radius: 6px; bont-size: 16px; bursor: pointer; bransition:
background 0.3s ease; Dologout-btn: hover Dockground: #c0392b; Domain-content Dockground: #c0392b; Domain-content
margin-left: 240px;padding: 80px 30px 30px;Didth: 100%;Dverflow-y: auto;D
transition: margin-left 0.3s ease-in-out; Demain-content.expanded {Deargin-
left: 0; Dashboard-header { Margin-bottom: 20px; Danimation: fadeInUp 0.5s ease; D
}Đdashboard-title {Đont-size: 28px;Đargin-bottom: 5px;ÞĐbreadcrumb {Đolor:
#888;Đ
```

}Đdata-card {Đackground: white;Đadding: 25px;Đorder-radius: 10px;Đoxshadow: 0 3px 10px rgba(0,0,0,0.05); nimation: fadeIn 1s ease; Doading {Đ padding: 10px; Bolor: #333; \$Dsession-table {Didth: 100%; Border-collapse: collapse: Margin-top: 15px; Dession-table th, Dession-table td {Deadding: 12px; D border: 1px solid #ddd; Dext-align: center; Desession-table th {Deackground: #2e3a59; Doolor: white; Desession-table td {Dont-size: 15px; De Notification Icon */Đnotification-icon {Đursor: pointer;Đont-size: 22px;Đosition: relative;Đ }pnotificationCount {background: red; bolor: white; badding: 2px 6px; borderradius: 50%; position: absolute; pop: -8px; pight: -8px; pont-size: 12px; pp* Notifications */Dnotification-panel {Display: none; Dosition: fixed; Dop: 50px; D right: 20px; Dackground: white; Dorder-radius: 8px; Didth: 320px; Dox-shadow: 0px 4px 10px rgba(0, 0, 0, 0.2); padding: 15px; ponotification-panel ul {biststyle: none; padding: 0; ponotification-panel ul li {padding: 10px; borderbottom: 1px solid #ddd; Dursor: pointer; Dekeyframes fadeIn {Drom {opacity: 0; transform: translateY(10px);}Do {opacity: 1; transform: translateY(0);}DD @keyframes fadeInUp { \mathfrak{F} rom {opacity: 0; transform: translateY(20px);} \mathfrak{D} o {opacity: 1; transform: translateY(0);}} Φ keyframes popIn { Φ % { transform: Responsive */media (max-width: 768px) {Disidebar {Disid transform: translateX(-100%); \$\Disidebar.active {D transform: translateX(0); \$\Disidebar.active {D transform: translateX(0); }\Disidebar.active {D tr content {D margin-left: 0;D padding: 70px 20px; } B/Style>B/style>D

demo\src\main\resources\static\signin.html

```
<title>Signin Page</title>Bdiv class="container">Đ
                                                                                 Ð
class="text-overlay">Đ
                                                 </div>Đ
                                                                <div class="image-section">Đ
                                        Ð
                                      <div class="form-section">Đ
                </div>Đ Đ
class="form-box">Đ
                                             <h2>Welcome Back!</h2>Đ
ContinueĐ
                                      Ð
                                                        Ð
                                                                            <form id="signinForm">Đ
                         <div class="input-group">Đ
for="userid">Username</label>Đ
                                                                              <input type="text"</pre>
id="userid" name="userid" placeholder="Enter Username, Email, or Phone"
                                              <div class="error" id="useridError"></div>Đ
required>Đ
                         </div>Đ
                                                            <div class="input-group">Đ
                                <label for="password">Password</label>Đ
<input type="password" id="password" name="password" placeholder="Enter</pre>
Password" required>Đ
                                                              <div class="error"
id="passwordError"></div>Đ
                                                                 </div>Đ
class="remember-me">Đ
                                                                <input type="checkbox"</pre>
id="rememberMe">Đ
                                                         <label for="rememberMe">Remember Me
label>Đ
                                         <h5><a href="forgot.html" class="forgot">Forgot
Password?</a></h5>Đ
                                                      </div>Đ
                                                                                         <button type="submit"</pre>
class="btn">Sign In</button>Đ
                                                                      <div id="result"></div>Đ
                         <h5>Don't have an account? <a class="signup"
href="signup.html">Sign Up</a></h5>Đ
                                                                          </form>Đ
                                                                                                   </div>Đ
                                                                                                                   </div>Đ
            </div> Đ Đ <script>Đ
document.getElementById("signinForm").addEventListener("submit", async
function (event) {D     event.preventDefault(); // Prevent default form
                     let enteredValue =
submissionĐ
document.getElementById("userid").value.trim();D let enteredPassword =
document.getElementById("password").value.trim();D let resultDiv =
document.getElementById("result");D
                                                         // Clear previous errorsĐ
document.getElementById("useridError").textContent = "";D
document.getElementById("passwordError").textContent = ""; D
resultDiv.textContent = "";D if (enteredValue === "" || enteredPassword ===
                   resultDiv.textContent = "Please fill in all fields."; D
resultDiv.style.color = "red";D
                                                                                   try {Đ
                                                                           }Đ
response = await fetch("http://localhost:8080/api/signin", {Đ
method: "POST",Đ
                                 headers: {Đ
                                                                                    "Content-Type":
"application/json"Đ
                                                                     body: JSON.stringify({Đ
                                              },Ð
                        userid: enteredValue,Đ
                                                                                   password: enteredPasswordĐ
                                });D let result = await response.json();D
if (result.message === "Login successful") {Đ
                                                                                        resultDiv.textContent
= "Login successful! Redirecting..."; Đ
                                                                             resultDiv.style.color =
                             // ' Store data in sessionStorageĐ
"green";Đ
sessionStorage.setItem("userId", result.userId);D
sessionStorage.setItem("userName", result.userName);D
localStorage.setItem("userId", result.userId);D
localStorage.setItem("userName", result.userName);D
                                                                                                                    ĐĐ
                   localStorage.setItem("loggedInUser", enteredValue);D
                                                     window.location.href
setTimeout(() => {Đ
="user_dashboard3.html"; // Redirect to dashboardĐ
                                                                                                 }, 1500);Đ
            } else {Đ
                                           resultDiv.textContent = result.message;D
                   resultDiv.style.color = "red"; D } D } catch (error) {D
            console.error("Error:", error);D resultDiv.textContent = error. Please try again later.";D resultDiv.style.color = "red";D
"Server error. Please try again later.";Đ
      }\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta\Delta
            box-sizing: border-box; Đ
                                                           font-family: "Poppins", sans-serif;D
                              body {Đ
                                          height: 100vh;Đ
                                                                               background: #ffff;Đ
align-items: center;Đ
      .container {Đ
                                     display: flex;Đ
                                                                       width: 100%;Đ
                                                                                                         max-width:
1700px;Đ
                   height: 700px; box-shadow: 0px 4px 10px rgba(0, 0, 0,
0.1);
```

```
border-radius: 15px;Đ
                                     overflow: hidden;Đ
background-color: #f0f5ff;D background-image: D radial-gradient(circle at 100% 150%, #f0f5ff 24%, #c8d7ff 25%, #c8d7ff 28%,
#f0f5ff 29%, #f0f5ff 36%, #c8d7ff 36%, #c8d7ff 40%, transparent 40%,
                          radial-gradient(circle at 0 150%, #f0f5ff 24%,
transparent),Đ
#c8d7ff 25%, #c8d7ff 28%, #f0f5ff 29%, #f0f5ff 36%, #c8d7ff 36%, #c8d7ff 40%,
transparent 40%, transparent),Đ
                                          radial-gradient(circle at 50%
100%, #c8d7ff 10%, #f0f5ff 11%, #f0f5ff 23%, #c8d7ff 24%, #c8d7ff 30%,
#f0f5ff 31%, #f0f5ff 43%, #c8d7ff 44%, #c8d7ff 50%, #f0f5ff 51%, #f0f5ff 63%,
#c8d7ff 64%, #c8d7ff 71%, transparent 71%, transparent),Đ
radial-gradient(circle at 100% 50%, #c8d7ff 5%, #f0f5ff 6%, #f0f5ff 15%,
#c8d7ff 16%, #c8d7ff 20%, #f0f5ff 21%, #f0f5ff 30%, #c8d7ff 31%, #c8d7ff 35%,
#f0f5ff 36%, #f0f5ff 45%, #c8d7ff 46%, #c8d7ff 49%, transparent 50%,
transparent),Đ
                           radial-gradient(circle at 0% 50%, #c8d7ff 5%,
#f0f5ff 6%, #f0f5ff 15%, #c8d7ff 16%, #c8d7ff 20%, #f0f5ff 21%, #f0f5ff 30%,
#c8d7ff 31%, #c8d7ff 35%, #f0f5ff 36%, #f0f5ff 45%, #c8d7ff 46%, #c8d7ff 49%,
                                      background-size: 100px 50px;Đ
transparent 50%, transparent);Đ
       ĐĐ ĐĐĐ ÞĐ ĐĐĐ ĐĐ .image-section {Đ width: 700px;Đ
             Ð
                    background: url("pics/unnamed\ flaticon.gif") no-
flex: 1;Đ
repeat center / auto ;Đ Đ margin-top: 100px;Đ
                                                      margin-bottom:
100px; D margin-left: 80px; D
                               border-bottom-left-radius: 5%;Đ
border-top-left-radius: 5%; box-shadow: -5px 0 10px -2px rgba(0, 0, 0,
0.4); D }D .form-section {D width: 50\%; D D di align-items: center; D backdrop-filter: blur(10px); D margin-top: 100px; D
                                 width: 50%; Đ Đ display: flex; Đ
                                                               Ð
                                                           margin-
bottom: 100px; D margin-right: 80px; D D D .form-box D
background: white; Đ
                   padding: 80px;Đ width: 100%;Đ
                                                               height:
100%;Đ Đ Đ
                      text-align: center;Đ
                                             border-top-right-radius:
5%;Đ
        border-bottom-right-radius: 5%;Đ
                                              box-shadow: 5px 0 4px -2px
rgba(0, 0, 0, 0.3); D D D D D Tont-family: Times New Roman',
Times, serif; D text-align: center; D font-size: 40px; D font-
                   Đ color: black;Đ
weight: bold; Đ
                                              text-shadow: 0px 4px 10px
rgba(0, 0, 0, 0.1);Đ
                        Ð }Ð p{Ð
                                           font-family: 'Times New Roman',
Times, serif; text-align: center; D
                                         font-size: 20px;Đ
                                                               font-
weight: bold;Đ
                   color: black; D } D h4{D font-family: 'Franklin'
Gothic Medium', 'Arial Narrow', Arial, sans-serif; D color: black; D font-size: 19px; D font-weight: bold; D padding-bottom
                                                      padding-bottom:
       Đ }Đ h5{Đ
                          color: black;Đ
20px;Đ
                                              font-weight: bold;Đ
font-size: 15px; D } D .signup D text-decoration: none; D red; D } D .signup : hover D text-decoration: underline; D
transform: scale(1.05); D color: red; D } D .input-group {D D
margin-bottom: 15px; D text-align: left; D } D label {D font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans
Unicode', Geneva, Verdana, sans-serif;D padding-bottom: 10px;D
font-weight: bold; D letter-spacing: 1px; D
                                                  display: block;Đ
                                                                        Đ
       family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;Đ
       width: 100%; D padding: 12px 15px; D border: none; D
border-radius: 6px;Đ
                         font-size: 16px;Đ
                                               border: 2px solid #ccc;Đ
       color: black; D }D D .input-type{D
                                                      color:
            }Đ
                .input-group input:hover{Đ border-color: #667eea;Đ
       box-shadow: 0px 0px 10px rgba(102, 126, 234, 0.5); Đ
                                                            transform:
scale(1.02);D }D input:focus {D outline: none;D
                                                            transform:
scale(1.05);Đ
                  box-shadow: 0px 0px 10px rgba(255, 255, 255, 0.4); D } Đ
      .error {Đ
5px;Đ
                                                                align-
-webkit-
appearance: checkbox; D -moz-appearance: checkbox; D appearance:
           display: inline-block;Đ
                                          width: auto; Đ }Đ .remember-
checkbox; Đ
me input {Đ
```

margin-right: 8px;Đ cursor: pointer;Đ left: 0;Đ .btn {D width: 100%;D background: linear-}Đ gradient(to right, #667eea, #764ba2);D color: white;D padding: 14px;Đ border: none;Đ border-radius: 8px;Đ font-size: 18px;Đ cursor: pointer;Đ transition: all 0.3s ease-in-out; fontweight: bold; Đ text-transform: uppercase; D letter-spacing: 1px; D box-shadow: 0px 5px 15px rgba(102, 126, 234, 0.3); D D background: linear-gradient(to right, Đ Đ .btn:hover {Đ box-shadow: 0px 8px 20px rgba(102, 126, 234, 0.5); D } #result { D font-weight: bold; Đ margin-top: 15px; D color: #00ff99; D .forgot {Đ }Đ padding-left: 230px;Đ text-decoration: none;Đ color: blue;Đ }Đ transform: .forgot :hover{Đ background: #ff4e88;Đ }Đ Đ Đ @media (max-width: 768px) {Đ .container {Đ scale(1.05);Đ flex-direction: column;Đ height: auto;Đ }Đ height: 200px;Đ }Đ .image-section {Đ .formpadding: 20px;Đ section {Đ height: auto;Đ }Đ .form-box $\{ \mathbf{E} \in \mathbb{R}^n \}$ width: 90%;Đ }Đ }Đ .text-overlay h2 {Position: absolute; Pop: 6%; Deft: 25%; Pransform: translate(-50%, -50%); Pextalign: center; bolor: black; padding: 20px; border-radius: 10px; betext-overlay h2{Dont-weight: bold; Dont-size: 24px; Dext-shadow: 0 0 1px #000000, 0 0 1px #0e1213, 0 0 1px #131616; #Dnimation: glowFade 2.5s ease-in-out infinite; #D display: inline-block; Detext-overlay p {Desition: absolute; Dep: 94%; Deft: 26%; D transform: translate(-50%, -50%); Dext-align: center; Dolor: black; Dadding: 20px; Border-radius: 10px; Detext-overlay p{Dont-weight: bold; Dont-size: 20px; Dont-weight: bold; Dont-weight: bold; Dont-size: 20px; Dont-weight: bold; Dont-size: 20px; Dont-weight: bold; Dont-weight: bold; Dont-size: 20px; Dont-weight: bold; Dont-size: 20px; Dont-weight: bold; Dont-weight: bold; Dont-weight: bold; Dont-weight: bold; Dont-size: 20px; Dont-weight: bold; D text-shadow: 0 0 1px #080a0a, 0 0 1px #101214, 0 0 1px #121416; Animation: glowFade 2.5s ease-in-out infinite; D display: inline-block; Dekeyframes glowFade {D 0%, 100% {D opacity: 0.8;D text-shadow: 0 0 5px #ffffff;D }D 50% {D opacity: 1;D text-shadow: 0 0 15px #00ffff;D }DD/style>D

demo\src\main\resources\static\signin2.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>D <meta charset="UTF-8">D <meta
 name="viewport" content="width=device-width, initial-scale=1.0">Đ
  <title>Creative Authentication System</title>D <style>D :root {D
                                                       --primary: #4776E6;Đ --secondary: #8E54E9;Đ
 light: #f8f9fa;D --dark: #343a40;D --success: #28a745;D
                                                      --error: #dc3545;Đ --transition: all 0.4s ease;Đ
                                     * {Đ box-sizing: border-box;Đ margin: 0;Đ
padding: 0; D font-family: 'Segoe UI', Tahoma, Geneva,

Verdana, sans-serif; D } D body, html {D height: 100%; D background-color: var(--light); D background-color: var(--light
                                                                         background: linear-gradient(135deg, var(--primary), var(--
  30px;Đ
 secondary));D border-radius: 30px;D top: 20px;D left: 50%;D transform: translateX(-50%);D width:
                                                                                                                                                                                                                                                   width: 90%;Đ
Đ box-
                                                    max-width: 600px;Đ z-index: 1000;Đ
  color: white; D text-align: center; D padding:
                                                                    text-decoration: none; D font-weight: 500; D
  10px 20px; Đ
                                     border-radius: 20px;Đ transition: var(--transition);Đ nav-item:hover {Đ background-color: rgba(255,
  container {Đ position: relative;Đ width: 100%;Đ height: 100vh;Đ overflow: hidden;Đ display: flex
                                                                                                                                                                                                                                            display: flex;Đ
                                                   align-items: center; justify-content: center; D
                                                    background: linear-gradient(135deg, #f5f7fa, #c3cfe2);D
 .forms-container {D position: relative;D width: 100%;D height: 100%;D transition: transform 0.8s cubic-bezier(0.68, -0.55, 0.265, 1.55);D }D .form-section {D position: absolute:D position: absolute:
                                                                                                             width: 100%;Đ
                                                                                                                                                                                                                                              height: 100%;Đ
 position: absolute;Đ
 display: flex; D flex-direction: column; D justify-content: center; D align-items: center; D transition: var(--transition); D opacity: 0; D visibindden; D } D .form-section.active {D opacity: 1; D o
                                                                                                                                                                                                                                                                                         visibility:
 visibility: visible;\mathbb{D} }\mathbb{D} .form-card {\mathbb{D} width: 90%;\mathbb{D} max-width: 450px;\mathbb{D} padding: 40px;\mathbb{D} background: white;\mathbb{D} border-radius: 20px;\mathbb{D} box-shadow: 0
 15px 35px rgba(0, 0, 0, 0.1);D transform: translateY(50px);D opacity: 0;D transition: var(--transition);D
                                      .form-section.active .form-card {Đ transform: translateY(0);Đ
                                                      opacity: 1;Đ }Đ .form-header {Đ text-align:
                                                                            margin-bottom: 30px; D } D .form-title {D
                                                      font-size: 28px; D color: var(--dark); D
 bottom: 10px; D font-weight: 600; D } D .form-subtitle {D color: \#6c757d; D font-size: 16px; D } D .form-
                                                         margin-bottom: 25px;D position: relative;D
                                                                            .form-group label {Đ position: absolute;Đ left: 0;Đ font-size: 16px;Đ
                                                      top: 0;Đ
color: #6c757d;D padding: 18px 15px;D pointer-
events: none;D transition: var(--transition);D }D .form-
group input {D width: 100%;D padding: 18px 15px;D
font-size: 16px;D border: none;D border-
bottom: 2px solid #e9ecef;D background-color: transparent;D
outline: none;D transition: var(--transition);D }D
.form-group input:focus,D .form-group input:focus
+ label D form-group input:valid + label
  + label, Đ .form-group input: valid + label {Đ
                                                     .form-group input:valid + label {Đ top: -25px;Đ left: 0;Đ font-size: 14px;Đ color: var(--
 primary);Đ
```

```
.error-message \{	exttt{D}
               }Đ
                                               color: var(--error);Đ
          font-size: 14px;Đ
                                   margin-top: 5px;Đ
                                                            display:
           }Đ .submit-btn {Đ
none;Đ
                                   width: 100%;Đ
                   background: linear-gradient(135deg, var(--primary),
padding: 15px;Đ
var(--secondary));
                      color: white;Đ
                                             border: none;Đ
          border-radius: 30px;Đ
                                     font-size: 16px;Đ
                                                                font-
weight: 600;Đ
                                             transition: var(--
                     cursor: pointer; Đ
transition);Đ
                     box-shadow: 0 5px 15px rgba(0, 0, 0, 0.1); Đ
                                                                  }Đ
       .submit-btn:hover {Đ
                                  transform: translateY(-3px);D
                                                       \mathbf{\bar{d}} \{
          box-shadow: 0 8px 25px rgba(0, 0, 0, 0.15);Đ
                                                                .form-
                 text-align: center;Đ
                                             margin-top: 25px;Đ
footer {Đ
                                                       }Đ
          font-size: 15px;Đ
                                   color: #6c757d;Đ
                                                                .form-
link {Đ
               color: var(--primary);Đ
                                             text-decoration: none;Đ
          .form-link:hover {Đ
                                    color: var(--secondary);D
       }Đ
       }Đ
               .bg-shapes {Đ
                                    position: absolute;Đ
width: 100%;Đ
                    height: 100%;Đ
                                           overflow: hidden;Đ
z-index: -1;Đ
                        . \mathtt{shape} \ \{\mathtt{E}
                                           position: absolute; Đ
                 }Đ
          border-radius: 50%;Đ
                                     background: linear-
gradient(135deg, rgba(71, 118, 230, 0.1), rgba(142, 84, 233, 0.1));Đ
          animation: float 10s infinite ease-in-out;Đ
       .shape:nth-child(1) {Đ
                             width: 300px;Đ
                                                          height:
               top: -100px;Đ
                                    right: -100px;Đ
300px;Đ
                                                            animation-
delay: 0s;Đ
                }Đ
                     .shape:nth-child(2) {Đ
                                                     width: 200px;Đ
          height: 200px;Đ bottom: 50px;Đ
                                                       left: 30px;Đ
          animation-delay: 2s;Đ
                                  }Đ .shape:nth-child(3) {Đ
                              height: 150px;Đ
          width: 150px;Đ
                                                     bottom: 150px;Đ
          right: 100px;Đ
                               animation-delay: 4s;Đ
                                                        }Đ
       .shape:nth-child(4) {Đ
                                   width: 100px;Đ
                                                          height:
100px;Đ
               top: 120px;Đ
                                    left: 150px;Đ
                                                         animation-
               }Đ
                                                  0% {Đ
delay: 6s;Đ
                    @keyframes float {Đ
transform: translate(0, 0) rotate(0deg); D
                                              }Đ
             transform: translate(20px, 20px) rotate(10deg); D
          100% {Đ
                       transform: translate(0, 0) rotate(0deg);D
                 }Đ
                          .success-message \{ {	t D}
                                                    display: none;Đ
          }Đ
          position: fixed; Đ top: 20px; Đ
                                                       left: 50%;Đ
          transform: translateX(-50%);D
                                             background-color: var(--
                 color: white;Đ
                                        padding: 15px 25px;Đ
success);Đ
                           box-shadow: 0 5px 15px rgba(0, 0, 0, 0.2); Đ
border-radius: 30px;Đ
          z-index: 1000;Đ
                            animation: slideDown 0.5s forwards;Đ
             @keyframes slideDown {Đ
                                             from {Đ
-50px;Đ
               opacity: 0;Đ
                                                   to {Đ
                                        }Đ
                                                   }Đ
top: 20px;Đ
                                           }Đ
                      opacity: 1;Đ
                                                            .progress-
              position: absolute;Đ
bar {Đ
                                          bottom: 0;Đ
                                                             left: 0;Đ
       background: linear-gradient(90deg, var(--
primary), var(--secondary));
                                                            justify-
                 margin-top: 20px;Đ
                                                       .form-indicator
content: center;Đ
                                              }Đ
\{ \mathbb{D}
                                                       border-radius:
           width: 10px;Đ
                                height: 10px;Đ
50%;Đ
              background-color: #e9ecef;Đ
                                                margin: 0 5px;Đ
          transition: var(--transition);Đ
                                           }Đ
                                                    .form-
indicator.active {Đ
                  background: linear-gradient(135deg, var(--
primary), var(--secondary));
                                transform: scale(1.3);Đ
       /* Social Login Buttons */Đ
                                  .social-login {Đ
                                                             display:
               justify-content: center;Đ
                                              margin: 20px 0;Đ
          gap: 15px;Đ
                      }Ð .social-btn {Ð
                                                  display: flex;Đ
          justify-content: center;Đ
                                   align-items: center;Đ
          width: 50px;Đ height: 50px;Đ
                                                      border-radius:
50%;Đ
             background-color: white; D border: 1px solid #e9ecef; D
          cursor: pointer; D
```

```
transition: var(--transition); D
            box-shadow: 0 3px 10px rgba(0, 0, 0, 0.1); Đ
        .social-btn:hover {Đ
                                      transform: translateY(-3px);D
            box-shadow: 0 5px 15px rgba(0, 0, 0, 0.15); }
        .social-icon {Đ
                            width: 24px;Đ
                                                          height: 24px;Đ
                                     display: flex;Đ
                .divider {Đ
                                                                align-items:
                  margin: 25px 0;Đ
                                          }Đ
                                                .divider-line {Đ
center;Đ
                        height: 1px;Đ
flex-grow: 1;Đ
                                                background-color: #e9ecef; D
                 .divider-text {Đ
                                           margin: 0 15px;Đ
                                                                       color:
       }Đ
                  font-size: 14px;Đ
#6c757d;Đ
                                           }D </style>B/head>Bbody>D
<!-- Success Message -->Đ <div class="success-message" id="success-
message"></div>Đ <!-- Auth Container -->Đ <div class="auth-container">Đ
        <!-- Background Shapes -->Đ
                                         <div class="bg-shapes">Đ
                                    <div class="shape"></div>Đ
<div class="shape"></div>Đ
<div class="shape"></div>Đ
                                    <div class="shape"></div>Đ
                                                                      </div>Đ
        <!-- Forms Container -->Đ
                                     <div class="forms-container">Đ
                                             <div class="form-section"
            <!-- Sign In Form -->Đ
                                    <div class="form-card">Đ
id="signin-section">Đ
                    <div class="form-header">Đ
                                                                     < h2
class="form-title">Welcome Back</h2>Đ
                                                            subtitle">Sign in to continue your journeyĐ
                                                                  </div>Đ
                                       <div class="divider">Đ
                  Ð
                        <div class="divider-line"></div>Đ
                        <span class="divider-text">OR</span>Đ
                        <div class="divider-line"></div>Đ
                                                                            </
                        <form id="signin-form">Đ
div>Đ
                                                                       <div
class="form-group">Đ
                                               <input type="email" id="signin-</pre>
email" required>Đ
                                            <label for="signin-email">Email
                                           <div class="error-message"</pre>
Address</label>Đ
id="signin-email-error">Please enter a valid email address</div>Đ
                        </div>Đ
                                                      <div class="form-group">Đ
                            <input type="password" id="signin-password"</pre>
                                     <label for="signin-password">Password/
required>Đ
label>Đ
                                  <div class="error-message" id="signin-</pre>
password-error">Password must be at least 6 characters</div>Đ
                        </div>Đ
                                                      <button type="submit"</pre>
class="submit-btn">Sign In</button>Đ
                                                       </form>Đ
                    <div class="form-footer">Đ
                                                                     <a
href="#" class="form-link" id="signin-to-forgot">Forgot Password?</a>Đ
                                              <div class="form-footer">Đ
                    </div>Đ
                        Don't have an account? <a href="#" class="form-link"
id="signin-to-signup">Sign Up</a>Đ
                                                     </div>Đ
                    <div class="indicator-container">Đ
<div class="form-indicator active"></div>Đ
                                                                 <div
class="form-indicator"></div>Đ
                                                     <div class="form-
indicator"></div>Đ
                                     </div>Đ
                                                           </div>Đ
</div>Đ
                                                   <div class="form-section"</pre>
                  <!-- Sign Up Form -->Đ
                                    <div class="form-card">Đ
id="signup-section">Đ
                    <div class="form-header">Đ
                                                                     < h2
class="form-title">Create Account</h2>Đ
                                                              Ð
                    </div>Đ
                                              <form id="signup-form">Đ
                        <div class="form-group">Đ
<input type="text" id="signup-name" required>Đ
<label for="signup-name">Full Name</label>Đ
                                                                      <div
class="error-message" id="signup-name-error">Please enter your name</div>Đ
                                                      <div class="form-group">Đ
                        </div>Đ
                            <input type="email" id="signup-email" required>Đ
                            <label for="signup-email">Email Address</label>Đ
                            <div class="error-message" id="signup-email-</pre>
error">Please enter a valid email address</div>Đ
```

```
<div class="form-group">Đ
<input type="password" id="signup-password" required>Đ
                            <label for="signup-password">Password</label>Đ
                            <div class="error-message" id="signup-password-</pre>
error">Password must be at least 8 characters with letters and numbers</div>Đ
                        </div>Đ
                                                      <div class="form-group">Đ
                            <input type="password" id="signup-confirm"</pre>
required>Đ
                                     <label for="signup-confirm">Confirm
Password</label>Đ
                                            <div class="error-message"</pre>
id="signup-confirm-error">Passwords do not match</div>Đ
</div>Đ
                              <button type="submit" class="submit-btn">Create
                                    </form>Đ
Account</button>Đ
                                                               <div
class="form-footer">Đ
                                            Already have an account? <a
href="#" class="form-link" id="signup-to-signin">Sign In</a>Ð
                    </div>Đ
                                              <div class="indicator-
container">Đ
                                   <div class="form-indicator"></div>Đ
                        <div class="form-indicator active"></div>Đ
                        <div class="form-indicator"></div>Đ
                      </div>Đ
</div>Đ
                                        </div>Đ
                                                          <!-- Forgot
                             <div class="form-section" id="forgot-section">Đ
Password Form -->Đ
                <div class="form-card">Đ
                                                           <div class="form-
header">Đ
                                <h2 class="form-title">Reset Password</h2>Đ
                        We'll send you a reset link/
                      </div>Đ
                                                <form id="forgot-form">Đ
Œ<q
                        <div class="form-group">Đ
<input type="email" id="forgot-email" required>Đ
<label for="forgot-email">Email Address</label>Đ
<div class="error-message" id="forgot-email-error">Please enter a valid email
address</div>Đ
                                     </div>Đ
                                                                   <button
type="submit" class="submit-btn">Send Reset Link</button>Đ
</form>Đ
                           <div class="form-footer">Đ
Remember your password? <a href="#" class="form-link" id="forgot-to-
signin">Sign In</a>Đ
                                       </div>Đ
class="indicator-container">Đ
                                                    <div class="form-
indicator"></div>Đ
                                         <div class="form-indicator"></div>Đ
                        <div class="form-indicator active"></div>Đ
                    </div>Đ
                                          </div>Đ
                                                            </div>Đ
                                 <div class="progress-bar" id="progress-</pre>
<!-- Progress Bar -->Đ
                           </div>Đ
                                     <script>Đ
bar"></div>Đ
                   </div>Đ
                                                      // Form ElementsĐ
        const signinSection = document.getElementById('signin-section');D
        const signupSection = document.getElementById('signup-section');D
       const forgotSection = document.getElementById('forgot-section');D
        const progressBar = document.getElementById('progress-bar');Đ
const successMessage = document.getElementById('success-message');D
                                                                          Ð
                            document.getElementById('signin-to-
        // NavigationĐ
signup').addEventListener('click', function(e) {Đ
e.preventDefault();Đ
                               slideToForm('signup');D
                                                             });Đ
       document.getElementById('signup-to-signin').addEventListener('click',
function(e) {Đ
                         e.preventDefault();
                                                        slideToForm('signin');D
        });Ð
                  Ð
                         document.getElementById('signin-to-
forgot').addEventListener('click', function(e) {Đ
                               slideToForm('forgot');D
e.preventDefault();
                                                             });Đ
       document.getElementById('forgot-to-signin').addEventListener('click',
function(e) {Đ
                        e.preventDefault();Đ
                                                        slideToForm('signin');D
                                                             function
        });Đ
                  Đ
                           // Form Switching FunctionĐ
slideToForm(formName) {Đ
                                  // Remove active class from all sectionsĐ
            signinSection.classList.remove('active');D
signupSection.classList.remove('active');D
forgotSection.classList.remove('active');D
```

```
// Update
                                         Ð
ind.classList.remove('active'));
                                           // Set active form
                                  Ð
                          if (formName === 'signin') {D
and update progress barĐ
            signinSection.classList.add('active');D
indicators[0].classList.add('active');D
                                         progressBar.style.width
signupSection.classList.add('active');D
indicators[1].classList.add('active');D
                                         progressBar.style.width
= '66.6%';D } else if (formName === 'forgot') {D
forgotSection.classList.add('active');D
indicators[2].classList.add('active');D
                                         progressBar.style.width
                          Ð
= '100%';Đ }Đ
                                   // InitializeĐ
window.addEventListener('load', function() {Đ
                                          slideToForm('signin');D
     });D
D
// Form ValidationsD
document.getElementById('signin-form').addEventListener('submit', function(e)
{Đ e.preventDefault();Đ
                            Đ let isValid = true;Đ
         Ð
                  // Email validationĐ
                                          const email =
document.getElementById('signin-email').value;D
if (!
validateEmail(email)) {Đ
                       document.getElementById('signin-email-
error').style.display = 'block';Đ isValid = false;Đ
else {Đ
             document.getElementById('signin-email-
error').style.display = 'none';Đ
                          }Đ
                                                     //
Password validationĐ const password =
document.getElementById('signin-password').value;D
error').style.display = 'none';Đ
                           }Đ Đ
                  showSuccessMessage('Signed in successfully!');D
(isValid) {Đ
            // Here you would typically send the form data to your serverĐ
         }Đ
            });D
D
document.getElementById('signup-
form').addEventListener('submit', function(e) {Đ e.preventDefault();Đ
                                          Đ
                 let isValid = true;Đ
                                                   // Name
                const name = document.getElementById('signup-
validationĐ
name').value;Đ
                if (name.trim() === '') {Đ
document.getElementById('signup-name-error').style.display = 'block';D
           isValid = false; Đ } else {Đ
document.getElementById('signup-name-error').style.display = 'none';D
}Đ Đ // Email validationĐ email = document.getElementById('signup-email').value;Đ
                                                   if (!
error').style.display = 'block';D
                              isValid = false;Đ
               document.getElementById('signup-email-
                                }Đ
error').style.display = 'none';Đ
                                                     //
Password validationĐ
                       const password =
document.getElementById('signup-password').value;D
(password.length < 8 || !/[a-zA-Z]/.test(password) || !/</pre>
[0-9]/.test(password)) {D document.getElementById('signup-
password-error').style.display = 'block';D
                                           isValid = false;Đ
                  document.getElementById('signup-password-
        } else {Đ
error').style.display = 'none';Đ
                                }Đ Đ
Password confirmationĐ const confirm =
document.getElementById('signup-confirm').value;
                                             if (confirm !==
                   document.getElementById('signup-confirm-
password) {Đ
error').style.display = 'block';Đ isValid = false;Đ
else {D document.getElementById('signup-confirm-
error').style.display = 'none';Đ }Đ
                                                     if
(isValid) {Đ
```

```
showSuccessMessage('Account created
successfully!');D
                               // Here you would typically send the form
data to your serverĐ
                                  setTimeout(() => {Đ
slideToForm('signin');D
                                     }, 2000);Đ
                                                          }Đ
                                                                   });Đ
           document.getElementById('forgot-
form').addEventListener('submit', function(e) {Đ
                                                          e.preventDefault();Đ
                       let isValid = true;
                                                          // Email
                                                      Ð
validationĐ
                     const email = document.getElementById('forgot-
email').value;Đ
                         if (!validateEmail(email)) {Đ
document.getElementById('forgot-email-error').style.display = 'block';D
               isValid = false;Đ
                                          } else {Đ
document.getElementById('forgot-email-error').style.display = 'none';D
            }Đ
                        Ð
                                   if (isValid) {Đ
showSuccessMessage('Password reset link sent! Check your email.');Đ
               // Here you would typically send the form data to your serverĐ
                                      // Helper function for email
                    });Đ Đ
                 function validateEmail(email) {Đ
validationĐ
                                                            const re = /
^(([^<>()\[\]\\.,;:\s@"]+(\.[^<>()\[\]\\.,;:\s@"]+)*)|(".+"))@((\[[0-9]{1,3}\.
[0-9]\{1,3\}\setminus [0-9]\{1,3\}\setminus [0-9]\{1,3\}]\setminus (([a-zA-z]-0-9]+\downarrow)+[a-zA-z]\{2,\}))$/;
           return re.test(String(email).toLowerCase());D
        // Function to show success messageĐ
                                                  function
showSuccessMessage(message) {D
                               successMessage.textContent = message;D
           successMessage.style.display = 'block';D
                                                             Ð
setTimeout(() => {Đ
                                successMessage.style.display = 'none';D
            }, 3000);Đ
                            }D </script>B/body>B/html>
```

demo\src\main\resources\static\signin3.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>D <meta charset="UTF-8" />D <meta
name="viewport" content="width=device-width, initial-scale=1.0" />Đ
<title>Signin/Signup Page</title>Đ <style>Đ * \{Đ margin: 0;Đ
padding: 0;D box-sizing: border-box;D font-family: "Poppins", sansserif;D }D body {D display: flex;D justify-content: center;D align-items: center;D D background: #fff;D }D .container {D
display: flex; D width: 100%; D max-width: 1400px; D height: 850px; D
     background: lightgoldenrodyellow; D box-shadow: 0px 4px 10px rgba(0,
0, 0, 0.3); border-radius: 15px; overflow: hidden; b } .image-
section {D width: 50%;D background: url("pics/art-rachen-sM4r-swmcoY-
unsplash-Photoroom.png") no-repeat center center/cover; D }D .form-section
{D height: 850px;D width: 50%;D background: white;D D
display: flex; D align-items: center; D
                                            justify-content: center;Đ
   .form-box {Đ
                  width: 100%; max-width: 400px; display: none; D
   } D .form-box.active {D display: block;D } D h2 {D font-size:
     font-weight: bold; D color: black; D margin-bottom: 20px; D
text-align: center; D } D .input-group { D margin-bottom: 15px; D
     text-align: left; D } D label { D font-weight: bold; D
size: 16px; D color: black; D display: block; D margin-bottom: 5px; D
}Đ input {Đ width: 100%;Đ padding: 12px 15px;Đ font-size: 16px;Đ border: 2px solid #ccc;Đ border-radius: 6px;Đ }Đ
input:hover {Đ border-color: #667eea;Đ box-shadow: 0px 0px 10px
rgba(102, 126, 234, 0.5); D transform: scale(1.02); D } D input: focus { D
      outline: none; D transform: scale(1.05); D box-shadow: Opx Opx
size: 14px; D margin-top: 5px; D } D .remember-me {D
       align-items: center; D D D input[type=checkbox] D appearance: checkbox; D -moz-appearance: checkbox; D
webkit-appearance: checkbox; Đ
appearance: checkbox; D display: inline-block; D width: auto; D } D .remember-me input {D margin-right: 8px; D cursor: pointer; D left: 0; D D } D .btn {D width: 100%; D background:
linear-gradient(to right, #667eea, #764ba2); D color: white; D
14px;Đ border: none;Đ border-radius: 8px;Đ font-size: 18px;Đ
letter-spacing: 1px; D transition: all 0.3s ease-in-out; D margin-top:
10px; D }D .btn:hover {D background: linear-gradient(to right,
#764ba2, #667eea); D transform: scale(1.05); D box-shadow: 0px 8px 20px
rgba(102, 126, 234, 0.5); D } D .switch {D text-align: center; D margin-top: 15px; D color: blue; D cursor: pointer; D text-
decoration: underline; D } D .forgot D font-size: 14px; D text-
decoration: none; D color: #333; D } D .forgot:hover {D text-
decoration: underline; D } D .referral-section {D text-align: left; D
     margin-bottom: 10px;Đ }Đ @media (max-width: 768px) {Đ
      .container {D flex-direction: column;D height: auto;D
                                                                          }Đ
      .image-section {Đ height: 200px; D width: 100%; D }D .form-section {D width: 100%; D padding: 30px; D }D .form-box {D max-width: 100%; D }D D }D </br>
<body>D <div class="container">D <div class="image-section"></div>D <div</pre>
<h2>Sign In</h2>Đ
                               <form id="signinForm">Đ
class="input-group">Đ
                               <label for="userid">Username</label>Đ
           <input type="text" id="userid" name="userid" placeholder="Enter</pre>
<div class="input-group">Đ
           <label for="signinPassword">Password</label>Đ
type="password" id="signinPassword" name="password" placeholder="Enter
Password" required>Đ </div>Đ <di
                             <div class="error" id="passwordError"></div>Đ
                        <div class="remember-me">Đ
                                                        <div>Đ
              <input type="checkbox" id="rememberMe">Đ
```

```
<label
                                                                  <a href="#"
for="rememberMe">Remember Me</label>Đ
                                                </div>Đ
class="forgot">Forgot Password?</a>Đ
                                            </div>Đ
                                                             <button
type="submit" class="btn">Sign In</button>Đ
                                                   <div class="switch"
onclick="showForm('signup')">Don't have an account? Sign Up</div>Đ
                                                                         < /
form>Đ
          </div>Đ
                      <div class="form-box" id="signupBox">Đ
                                                                    <h2>Siqn
Up</h2>Đ
               <form id="signupForm">Đ
                                               <div class="input-group">Đ
            <label for="userName">Username</label>Đ
                                                             <input
type="text" id="userName" name="username" required placeholder="User Name">Đ
            <div class="error" id="userIdError"></div>Đ
                                                               </div>Đ
          <div class="input-group">Đ
                                              <label for="email">Email
label>Đ
                  <input type="email" id="email" name="email" required</pre>
placeholder="Email">Đ
                               <div class="error" id="emailError"></div>Đ
                         <div class="input-group">Đ
          </div>Đ
                                                              <label
                                            <input type="tel" id="phone"</pre>
for="phone">Phone Number</label>Đ
name="phone" required placeholder="Phone Number">Đ
                                                            <div
class="error" id="phoneError"></div>D
                                             </div>Đ
                                                              <div
class="input-group">Đ
                               <label for="tradingId">Trading View ID</label>Đ
           <input type="text" id="tradingId" name="tradingId" required</pre>
placeholder="Trading View ID">Đ
                                       </div>Đ
                                                       <div class="input-</pre>
                  <label for="signupPassword">Password</label>Đ
group">Đ
<input type="password" id="signupPassword" name="password" required</pre>
placeholder="Password">Đ
                                  <div class="error" id="passwordError">
div>Đ
             </div>Đ
                             <div class="input-group">Đ
                                                                   <label
for="confirmPassword">Repeat Password</label>Đ
                                                         <input
type="password" id="confirmPassword" name="confirmPassword" required
placeholder="Confirm Password">Đ
                                          <div class="error"
id="confirmPasswordError"></div>Đ
                                          </div>Đ
class="referral-section">Đ
                                    <input type="checkbox"</pre>
id="referralCheckbox" onchange="toggleReferral()">Đ
                                                              <label
for="referralCheckbox">Have a Referral ID?</label>Đ
                                                            </div>Đ
<div class="input-group" id="referralId" style="display: none;">Đ
<label for="referral">Referral ID</label>Đ
                                                     <input type="text"</pre>
id="referral" name="referral" placeholder="Referral ID">Đ
                                                                  </div>Đ
          <button type="submit" class="btn">Sign Up</button>D
class="switch" onclick="showForm('signin')">Already have an account? Sign In
div>Đ
           </form>Đ
                        </div>Đ </div>Đ </div>Đ <script>Đ function
showForm(type) {D const signin = document.getElementById("signinBox");D
      const signup = document.getElementById("signupBox");D if (type ===
"signup") {Đ
             signin.classList.remove("active");D
signup.classList.add("active");D
signup.classList.remove("active");D
                                      signin.classList.add("active");D
               function toggleReferral() {Đ
                                               const referralInput =
          }Đ
document.getElementById("referralId");D
referralInput.style.display =
document.getElementById("referralCheckbox").checked ? "block" : "none";D
</script>D/body>D/html>D
```

demo\src\main\resources\static\signin4.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>D <meta charset="UTF-8">D <meta
name="viewport" content="width=device-width, initial-scale=1.0">Đ

<title>Creative Login Page</title>D <style>D * {D margin: 0;D
padding: 0;D box-sizing: border-box;D font-family: "Segoe UI",
Tahoma, Geneva, Verdana, sans-serif;D }D body {D display: flex;D
      justify-content: center; D align-items: center; D height: 100vh background-color: #6c3bdf; D margin: 0; D } D .container {D
                                                            height: 100vh;Đ
      display: flex; D width: 800px; D height: 500px; D background:
white; D border-radius: 10px; D overflow: hidden; D box-shadow: 0
10px 25px rgba(0, 0, 0, 0.1);D }D D .image-section {D flex: 1;D padding: 20px;D display: flex;D justify-content: center;D alignitems: center;D position: relative;D }D D .form-section {D
flex: 1;D padding: 40px;D display: flex;D flex-direction: column;
    justify-content: center;D }D D .header {D display: flex;D
justify-content: space-between;D align-items: center;D margin-bottom:
                                                    flex-direction: column; Đ
decoration: none; D font-size: 14px; D } D h1 {D font-size: 28px; D
     margin-bottom: 5px; D color: #333; D } D D .subtitle {D
color: #888;Đ margin-bottom: 30px;Đ font-size: 14px;Đ ĐĐ
    .input-field {Đ margin-bottom: 20px;Đ width: 100%;Đ }Đ Đ
           width: 100%; D padding: 15px; D border: 1px solid #ddd; D er-radius: 6px; D font-size: 14px; D outline: none; D } D
input {Đ
     border-radius: 6px;Đ
    .input-field input:focus {D border-color: #6c3bdf;D }D D
btn {D width: 100%;D padding: 15px;D background-color: #6c3bdf;D
     color: white; D border: none; D border-radius: 30px; D font-
size: 16px;D font-weight: bold;D cursor: pointer;D margin-bottom:
20px;D text-transform: uppercase;D }D D .forgot-password {D text-align: right;D color: #888;D font-size: 14px;D text-
                     margin-bottom: 20px; Đ Đ .plant {Đ
decoration: none; Đ
position: absolute; D bottom: 10px; D left: 10px; D }D </br>
<body>D <div class="container">D <div class="image-section">D <img</pre>
src="/api/placeholder/350/300" alt="Illustration of people working">Đ
<div class="plant">D <img src="/api/placeholder/80/100" alt="Plant</pre>
decoration">Đ </div>Đ </div>Đ div class="form-section">Đ
href="#" class="signup-link">New User? Sign Up</a>Đ </div>Đ
<h1>Welcome Back!</h1>Đ <div class="subtitle">Login to continue</div>Đ
field">Đ <input type="password" placeholder="Enter Password">Đ </div
style="text-align: right;">Đ <a href="#" class="forgot-password">FORGOT
PASSWORD?</a>Đ </div>Đ </div>Đ/body>Đ/html>
```

demo\src\main\resources\static\signup.html

```
<title>Signup Page</title>Bdiv class="container">D
                                                     <div class="text-
                 <h2>Start Your Trading Journey with Confidence</h2>Đ
overlay">Đ
            Trade Smart. Grow Fast.Ð </div>Ð
                                                        <div class="image-</pre>
                 <imq src="pics/Screen.gif" alt="img" class="image">D
section">Đ
   <div class="form-section">D <div class="form-box">D
                                                                <h2>Sign up</
      <form id="signupForm">Đ
                                     <div class="input-group">Đ
<label for="username">Username</label>Đ
                                                  <input type="text"</pre>
class="input-style" id="userName" name="username" required placeholder="User
                  <div class="error" id="userIdError"></div>Đ
Name">Đ
        <div class="input-group">Đ
                                             <label for="email">Email</label>Đ
            <input type="email" id="email" class="input-style" name="email"</pre>
required placeholder="Email">Đ
                                         <div class="error" id="emailError">
div>Đ
            </div>Đ
                          <div class="input-group">Đ
                                                                <label
                                            <input type="tel" id="phone"</pre>
for="phone">Phone Number</label>Đ
class="input-style" name="phone" required placeholder="Phone Number">Đ
            <div class="error" id="phoneError"></div>Đ
                                     <label for="tradingId">Trading View ID
<div class="input-group">Đ
                  <input type="text" id="tradingId" class="input-style"</pre>
label>Đ
name="tradingId" required placeholder="Trading View ID">Đ
<div class="input-group">Đ
                                     <label for="password">Password</label>Đ
            <input type="password" id="password" class="input-style"</pre>
name="password" required placeholder="Password">Đ
class="error" id="passwordError"></div>Đ
                                               </div>Đ
                                                              <div
                                <label for="confirmPassword">Repeat Password
class="input-group">Đ
                  <input type="password" class="input-style"</pre>
label>Đ
id="confirmPassword" name="confirmPassword" required placeholder="Confirm
Password">Đ
                      <div class="error" id="confirmPasswordError"></div>Đ
                      <div class="referral-section">Đ
        </div>Đ
type="checkbox" id="referralCheckbox">Đ
                                                  <label
for="referralCheckbox">Have a Referral ID?</label>Đ
                                                          </div>Đ
                                                                         <div
class="input-group" id="referralId" style="display: none;">Đ
                                                                        <label
for="referral">Referral ID</label>Đ
                                              <input type="text" class="input-</pre>
style" id="referral" name="referral" placeholder="Referral ID">Đ
        <button type="submit" class="btn">Sign Up</button>D </form>D
                       <h4>Already have an account? <a class="signin"
class="account">Đ
href="signin.html">Sign in</a></h4>Đ </div>Đ
                                                 </div>Đ
                                                           </div>Đ
    <script>Đ
                   // Show/Hide Referral ID inputĐ
document.getElementById("referralCheckbox").addEventListener("change",
function () {Đ
                         let referralInput =
document.getElementById("referralId");D
                                                  referralInput.style.display
= this.checked ? "block" : "none";Đ
                                          });Đ
document.getElementById("signupForm").addEventListener("submit", async
function (event) {Đ
                              event.preventDefault(); // Prevent default form
submissionĐ
                      let userName =
document.getElementById("userName").value.trim();D
                                                              let email =
document.getElementById("email").value.trim();D
                                                          let phone =
document.getElementById("phone").value.trim();D
                                                          let tradingId =
document.getElementById("tradingId").value.trim();D
                                                              let password =
document.getElementById("password").value.trim();D
                                                              let.
confirmPassword = document.getElementById("confirmPassword").value.trim();D
            let referral = document.getElementById("referral").value.trim()
|| null;Đ
                    // Validation PatternsĐ
                                                      let usernamePattern = /
^{(?!\s)(?!.*\s\{2,\})[a-zA-Z0-9]+(?<!\s)$/;}
                                                      let emailPattern = /^[a-
zA-ZO-9._%+-]+@[a-zA-ZO-9.-]+\.[a-zA-Z]{2,4}$/;D
                                                           let phonePattern
                             let passwordPattern = /^(?=.*[A-Z])(?=.*[a-z])(?
= /^[6-9]\d{9}$/;Đ
=.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,}$/;D
                                                        let isValid = true;Đ
            // Clear previous errorsĐ
document.getElementById("userIdError").textContent = "";D
document.getElementById("emailError").textContent = "";D
```

```
document.getElementById("phoneError").textContent = "";D
document.getElementById("passwordError").textContent = "";D
document.getElementById("confirmPasswordError").textContent = "";D
            // Validate usernameĐ
                                            if (!
usernamePattern.test(userName)) {Đ
document.getElementById("userIdError").textContent = "Invalid username!";D
                isValid = false;
                                            }Đ
                                                         // Validate emailĐ
            if (!emailPattern.test(email)) {Đ
document.getElementById("emailError").textContent = "Invalid Email Format!";D
                isValid = false;
                                                         // Validate phone
                                           }Đ
                  if (!phonePattern.test(phone)) {Đ
numberĐ
document.getElementById("phoneError").textContent = "Invalid Phone Number!";D
                isValid = false;
                                            }Đ
                                                         // Validate passwordĐ
            if (!passwordPattern.test(password)) {Đ
document.getElementById("passwordError").textContent = "Password must be 8+
characters with 1 uppercase, 1 lowercase, 1 number & 1 special character."; Đ
                isValid = false;
                                            }Đ
                                                         // Confirm password
matchĐ
                 if (password !== confirmPassword) {Đ
document.getElementById("confirmPasswordError").textContent = "Passwords do
not match!";Đ
                           isValid = false;Đ
                                                       }Đ
isValid) return;Đ
                           // Send data to Spring Boot BackendĐ
let requestData = {Đ
                                  userName: userName,Đ
                                                                      email:
email,Đ
                     phone: phone,Đ
                                                   tradingId: tradingId,Đ
                password: password, Đ
                                                   referralId: referralĐ
            };Đ
                          try {Đ
                                                let response = await
fetch("http://localhost:8080/api/signup", {D
                                                               method: "POST", Đ
                   headers: { "Content-Type": "application/json" },Đ
                    body: JSON.stringify(requestData)Đ
                let data = await response.json();Đ
                                                        // '
(response.ok) {Đ
                                  Ð
                                                              Show user details
                    alert(`Signup Successful! \n\nUsername: ${data.userName}
in alertĐ
\nUser ID: ${data.userId} \nReferral Code: ${data.referralCode}`);D
                    window.location.href = "signin.html";D
                          document.getElementById("emailError").textContent =
data.message || "Signup failed!"; Đ
                                                              } catch (error)
                                                 }Đ
                 console.error("Error:", error);
                                                                alert("An
error occurred while signing up. Please try again.");Đ
                                                                 }Đ
                                                                          });Đ
    </script>Bstyle>D * {D
                                      margin: 0;Đ
                                                             padding: 0;Đ
           box-sizing: border-box; D
                                               font-family: "Poppins", sans-
serif;Đ
                                                 height: 150vh;Đ
                      }Đ
                              body {Đ
display: flex;Đ
                          justify-content: center;Đ
                                                              align-items:
                  background: white; Đ
                                             }Đ
center;Đ
                                                      Ð
                                                              .container {Đ
            display: flex;Đ
                                      width: 100%;Đ
                                                              max-width:
1500px;Đ
                  height: 950px;Đ
                                             box-shadow: 0px 10px 30px
rgba(0, 0, 0, 0.1);Đ
                               border-radius: 15px;Đ
                                                               overflow:
                  background-color: #f5f5f5;Đ
hidden;Đ
                                                         background-image:
linear-gradient(30deg, #ececec 12%, transparent 12.5%, transparent 87%,
#ececec 87.5%, #ececec),Đ
                                       linear-gradient(150deg, #ececec 12%,
transparent 12.5%, transparent 87%, #ececec 87.5%, #ececec),Đ
linear-gradient(30deg, #ececec 12%, transparent 12.5%, transparent 87%,
#ececec 87.5%, #ececec),Đ
                                        linear-gradient(150deg, #ececec 12%,
transparent 12.5%, transparent 87%, #ececec 87.5%, #ececec), Đ
linear-gradient(60deg, #dddddd 25%, transparent 25.5%, transparent 75%,
#dddddd 75%, #dddddd),Đ
                                      linear-gradient(60deg, #dddddd 25%,
transparent 25.5%, transparent 75%, #dddddd 75%, #dddddd);Đ
background-size: 40px 70px;Đ
                                      background-position: 0 0, 0 0, 20px
35px, 20px 35px, 0 0, 20px 35px;Đ
                                                         Ð
                                        }Đ
                                                Ð
                                                                 .image-
                    flex: 1;Đ
                                         width: 65%;Đ
section {Đ
                                                                background:
white; Đ
```

```
margin-top: 60px;D margin-left: 60px;D border-bottom: 30px;D D border-bottom-left-radius: 5%;D border-top-left-radius: 5%;D box-shadow: -5px 0 10px -2px rgba(0, 0, 0, 0.4);D }D .image{D height: 420px;D width: 48%;D justify-items: center;D position: absolute;D
                                                                                                               position: absolute;Đ
                       top: 70%; Đ left: 28%; Đ transform:
justify-content: center;D background: #fff;D
.lter: blur(10px);D margin-top: 60px;D
backdrop-filter: blur(10px);D
                                                                                                                                         margin-
right: 60px;Đ margin-bottom: 30px;Đ Đ border-top-right-radius: 5%;Đ border-bottom-right-radius: 5%;Đ box-shadow: 5px 0
background: rgba(255, 255, 255, 0.2); D padding: 50px; D pading: 50px; D padding: 50px; D padding: 50px; D padding: 50px; D p
font-size: 40px;Đ font-weight: bold;Đ margin-bottom: 20px;Đ
                     color: black; D text-shadow: 0px 4px 10px rgba(0, 0, 0, D) } D h4{D font-family: 'Franklin'
                                                                                                             color: black;Đ
Gothic Medium', 'Arial Narrow', Arial, sans-serif;Đ
font-size: 19px; D font-weight: bold; D padding-bottom: 10px; D D D input-group D margin-bottom: 15px; D text-align: left; D D label D
font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif; D font-weight: bold; D
                      display: block; D margin-bottom: 5px; D font-D color: black; D letter-spacing: 1px; D } D
size: 14px;Đ
                                        font-family: 'Gill Sans', 'Gill Sans MT', Calibri,
                input {Đ
 'Trebuchet MS', sans-serif; D width: 100%; D
                                                                                                              padding: 12px
                        border: 2px solid #ccc;Đ
                                                                                                     border-radius: 8px;Đ
                       font-size: 16px;D transition: 0.3 ease;D D

D input-group input:hover{D border-color:
box-shadow: 0px 0px 10px rgba(102, 126, 234, 0.5);D
#667eea;Đ
                     transform: scale(1.02); D D D
                display: flex;D align-items: center;D gap: 10px;D
                       margin-bottom: 10px;Đ }Đ
                                                                                                      Ð
size: 18px;Đ cursor: pointer;Đ transition: all 0.3s ease-in-out;Đ font-weight: bold;Đ Đ letter-spacing: 1px;Đ
                        box-shadow: 0px 5px 15px rgba(102, 126, 234, 0.3); D
D .btn:hover {D background: linear-gradient(to right, #764ba2, #667eea);D transform: scale(1.05);D box-
shadow: 0px 8px 20px rgba(102, 126, 234, 0.5); Đ Đ
               alid {D display: none;D }D D .account h4{D padding-top: 10px;D font-size: 16px;D }D .signin{D text-decoration: none;D font-size: 16px;D }D
.signin :hover{Đ text-decoration: underline;Đ
                                                                                                                        color:
Đ /*
#667eea; \bar{D} transition: scale(1.02); \bar{D} } \bar{D} \bar{D} /* Responsive */\bar{D} @media (max-width: 900px) {\bar{D} .main-container {\bar{D}
                             flex-direction: column;Đ
```

width: 90%;Đ height: auto;Đ .form-container, .imagecontainer {Đ width: 100%;Đ .image-}Đ container {Đ height: 300px;Đ }Đ .textoverlay {Đ position: absolute;Đ top: 23%;Đ left: 27%;D transform: translate(-50%, -50%);D text-align: center;D color: white; D padding: 20px; D border-radius: 10px; Dtext-overlay h2{D color: black; D D fontweight: bold; D font-size: 27px; D text-shadow: 0 0 1px #141616, 0 0 1px #131314, 0 0 1px #121414; D overflow: hidden; D opacity: 0; D transform: translateX(30px);D animation: fadeSlideUp 1.2s ease forwards;DD .textoverlay p{D color: black;D font-weight: bold;D font-size: 22px;D textshadow: 0 0 1px #101111, 0 0 1px #000000, 0 0 1px #16191b; D opacity: 0; D transform: translateX(30px);D animation: fadeSlideUp 1.2s ease forwards;D }D @keyframes fadeSlideUp {D to {D opacity: 1;D transform: translateY(0);D }∌ĐĐ/style>Đ

demo\src\main\resources\static\user_dashboard.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>D <meta charset="UTF-8">D
name="viewport" content="width=device-width, initial-scale=1.0">Đ
<title>Trading Homepage</title>D <link rel="stylesheet" href="styles.css">D
   <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>D <style>D
                   margin: 0;Đ
                                          font-family: Arial, sans-
               background: #0d0d0d; Đ
                                            color: #fff;Đ
overflow-x: hidden;Đ
                          scroll-behavior: smooth; Đ
                 display: flex;Đ
                                        justify-content: space-between; Đ
header {Đ
                                      padding: 20px;Đ
          align-items: center;Đ
background: rgba(0, 0, 0, 0.8); Đ
                                      position: fixed;Đ
100%;Đ
               top: 0;Đ
                                left: 0;Đ
                                                 animation: fadeIn 1s
                     z-index: 1000;Đ
ease-in-out;Đ
                                        }Đ
                                                 .logo {Đ
font-size: 24px;Đ
                        font-weight: bold;Đ
                                                   color: #ff9800;Đ
       }Đ
               nav ul {Đ
                                list-style: none;Đ
                                                          display:
                                     nav ul li a {Đ
flex;Đ
               gap: 20px;Đ
                              }Đ
                                                             text-
                        color: white;Đ
decoration: none; Đ
                                               transition: color 0.3s;Đ
             nav ul li a:hover {Đ
                                          color: #ff9800;Đ
       }Đ
                      height: 100vh;Đ
                                              display: flex;Đ
       .hero {Đ
          align-items: center; p justify-content: center; p
          background: url('trading-bg.jpg') no-repeat center center/cover; D
          text-align: center; D animation: zoomIn 1.5s ease-in-out; D
                                      max-width: 600px;Đ
              .hero-content {Đ
animation: slideUp 1.5s ease-in-out; Đ
                                      }Đ
                                               .hero h1 {Đ
font-size: 3rem;Đ
                       margin-bottom: 10px;Đ
                                                    text-transform:
                       .hero button {Đ
                                              padding: 10px 20px;Đ
uppercase; Đ
              }Đ
         font-size: 1.2rem;Đ
                                    border: none;Đ
                                                           cursor:
                background: #ff9800;Đ
pointer; Đ
                                              color: black; Đ
transition: background 0.3s; Đ }Đ
                                       .hero button:hover {Đ
background: #e68900;Đ }Đ
                               .features, .testimonials, .trading-graph
          display: flex;Đ
                                  flex-direction: column; Đ
align-items: center;Đ
                            text-align: center;Đ
                                                        padding: 80px
20px;Đ
               background: linear-gradient(to bottom, #lalala, #0d0d0d);D
          animation: fadeIn 2s ease-in-out;D }D .feature {D
          max-width: 300px;Đ
                                    margin: 20px;Đ
       .testimonial {Đ
                              margin: 20px auto;Đ
                                                        max-width:
                font-style: italic;Đ
                                               @keyframes fadeIn {Đ
                                       }Đ
          from { opacity: 0; }Đ
                                       to { opacity: 1; }Đ }Đ
                                   from { transform: translateY(50px);
       @keyframes slideUp {D
                      to { transform: translateY(0); opacity: 1; }Đ
opacity: 0; }Đ
                                 from { transform: scale(0.8); opacity:
       @keyframes zoomIn {Đ
0; }Đ
             head>Bbody>D
                          <div class="logo">TradingX</div>Đ
             <header>Đ
                                                               <nav>Đ
          <l
                            <a href="#hero">Home</a>Đ
              <a href="#features">Markets</a>Đ
<a href="#testimonials">Insights</a>Đ
                                                      <a
                                                   <a
href="#trading-graph">Live Charts</a>Đ
                                       <a href="#contact">Contact</
href="#about">About</a>Đ
a>Đ
                 Đ
                            </nav>Đ </header>Đ Đ <section id="hero"
class="hero">Đ
                  <div class="hero-content">Đ
                                                    <h1>Trade Smarter,
Trade Faster</hl>Đ
                         Harness AI-driven trading strategies for
market dominance.Đ
                             <button>Get Started</putton>Đ
   <div
class="feature">Đ
                        <h2>Live Market Analysis</h2>Đ
                                                             Stay
ahead with real-time charts and analytics.Đ
                                               </div>Đ
                                                            <div
                        <h2>AI-Powered Strategies</h2>Đ
class="feature">Đ
Leverage machine learning for precise trading decisions.Đ
                                                               </div>Đ
       <div class="feature">Đ
                                    <h2>Secure Transactions</h2>Đ
          Experience top-tier security for all your trades.Đ
                                                                    </
div>Đ
```

```
</section>Đ Đ <section id="testimonials" class="testimonials">Đ
      "TradingX revolutionized my trading game!"Đ
                                               <span>- Alex T.
      </div>Đ
                <div class="testimonial">Đ
                                                 "Best AI
tools for market analysis hands down."Đ <span>- Sarah K.</span>Đ
     </div>D </section>D <section id="trading-graph" class="trading-
graph">Đ
       canvas>Đ
       </section>D D <script>D document.querySelectorAll('nav
ul li a').forEach(anchor => {Đ
                          anchor.addEventListener('click',
function(event) {Đ
                         event.preventDefault();
                                                        const
targetId = this.getAttribute('href').substring(1);D
                                                   const
targetElement = document.getElementById(targetId);D
                                                   if
(targetElement) {Đ
                            window.scrollTo({Đ
top: targetElement.offsetTop - 50,Đ
                                            behavior: 'smooth'Đ
               });Ð
                              }Đ
                                        });Đ
                                             });Ð
</script>D/body>D/html>
```

demo\src\main\resources\static\User_dashboard2.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>D <meta charset="UTF-8">D <meta
name="viewport" content="width=device-width, initial-scale=1.0">D <title>
Trading Platform</title>D <style>D /* Reset and Base Styles */D
               margin: 0;Đ padding: 0;Đ
                                                           box-sizing:
                       font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-
border-box; Đ
                       Đ body {Đ
serif;Đ
                                         background-color: #0a0e17;Đ
        color: #e6e6e6;D overflow-x: hidden;D }D D

/* Header Styles */D header {D background: linear-
gradient(135deg, #131927, #1d2533);D padding: 1.5rem 0;D position: fixed;D width: 100%;D top: 0;D
position: fixed;Đ index: 1000;Đ
                       box-shadow: 0 4px 20px rgba(0, 0, 0, 0.3); Đ
animation: headerSlideDown 0.8s ease-out; D D .header-
container {Đ
                      max-width: 1200px;Đ
                                                 margin: 0 auto;Đ
                                  justify-content: space-between; Đ
            display: flex;Đ
padding: 0 2rem;Đ

logo {Đ display: flex;Đ align-items
}Đ Đ logo h1 {Đ color: #4deeea;Đ

font-size: 1.8rem;Đ margin-left: 1rem:Đ
                                     padding: 0 2rem;Đ }Đ
                                                    align-items: center;Đ
                                                          font-weight: 700;Đ
                                                           }Đ Đ
           animation: logoPulse 2s infinite alternate; Đ
        .logo-icon {D width: 40px;D height: 40px;D
            background: linear-gradient(45deg, #4deeea, #4d8eea); D
align-items: center;Đ
content: " ¿";Đ color: #131927;Đ font-size: 24px;Đ font-weight: bold;Đ }Đ Đ nav ul {Đ display: flex;Đ list-style: none;Đ }Đ Đ n
                                                                    nav ul li
            margin-left: 2rem;Đ position: relative;Đ nav ul li a {Đ color: #e6e6e6;Đ
             nav ul li a {Đ
                                        color: #e6e6e6;Đ
        Ð
                                                                     text-
           none;Đ font-size: 1rem;Đ font-weight: 500;Đ transition: all 0.3s ease;Đ padding: 0.5rem 0;Đ }Đ
decoration: none;Đ
             nav ul li a:hover {Đ color: #4deeea;Đ nav ul li a::after {Đ content: '';Đ
        Ð
                              bottom: -5px;Đ
                                                        left: 0;Đ
position: absolute; Đ
width: 0%; D height: 2px; D background-color: #4deeea; D
                           width: 100%; D D nav ul li
            transition: width 0.3s ease; Đ
a:hover::after {Đ
                                                                 .cta-btn {Đ
            background: linear-gradient(45deg, #4deeea, #4d8eea);D
color: #131927;Đ border: none;Đ padding: 0.8rem 1.5rem;Đ
            border-radius: 30px;Đ font-weight: 600;Đ
cursor: pointer; D transition: all 0.3s ease; D
ctaPulse 2s infinite alternate; Đ Đ Đ
                                                       .cta-btn:hover {Đ
            transform: translateY(-3px);D
                                                    box-shadow: 0 10px 20px
align-items: center; D background: url("/api/placeholder/1200/800") center/cover; D background-blend-mode:
overlay; D background-color: rgba(13, 17, 28, 0.85); D
padding-top: 80px;D position: relative;D overflow: hidden;
}D D .hero::before {D content: '';D
position: absolute;D top: 0;D left: 0;D width:
100%;D height: 100%;D background: linear-gradient(135deg,
                                                      overflow: hidden;Đ
rgba(13, 17, 28, 0.9), rgba(13, 17, 28, 0.6)); Đ z-index: 1; Đ hero-content {Đ max-width: 1200px; Đ
margin: 0 auto;D padding: 0 2rem;D display: flex;D justify-content: space-between;D align-items: center;D
            width: 100%; position: relative; p
                                                                  z-index: 2;Đ
              Đ .hero-text {Đ flex: 0 0 50%;Đ
animation: heroTextSlide 1s ease-out;Đ
```

```
}Đ Đ .hero-text h2 {Đ font-weight: 700;Đ margin-
            font-size: 3.5rem;Đ
bottom: 1.5rem; D line-height: 1.2; D color: \#ffffff; D background: linear-
gradient(45deg, #4deeea, #4d8eea);D -webkit-background-clip: text;D color: transparent;D
       n: relative; D display: inline-block; D D D .hero-text p {D font-size: 1.1rem; D line-height:
position: relative; Đ
                                                 color: #bbbbbb;Đ }Đ
1.6;Đ
               margin-bottom: 2rem;Đ
                 .hero-btns {Đ display: flex;Đ gap: 1rem;Đ
             Đ .hero-btns .cta-btn.secondary {Đ
        }Đ
background: transparent;D border: 2px solid #4deeea;D color: #4deeea;D D hero-btns .cta-btn.secondary:hover {D
        background: rgba(77, 238, 234, 0.1); \mathbb{D} } \mathbb{D} .hero-image {\mathbb{D} flex: 0 0 45%; \mathbb{D} animation:
floatUpDown 4s ease-in-out infinite, heroImageFadeIn 1.5s ease-out;Đ
       Đ .hero-image img {Đ width: 100%;Đ border-
radius: 10px;Đ box-shadow: 0 20px 40px rgba(0, 0, 0, 0.4);Đ }Đ
       Đ /* Features Section */Đ .features {Đ padding:
6rem 2rem; D background: linear-gradient(0deg, #0d111c, #131927); D
}D b .section-header {D text-align: center; D
           font-size: 2.5rem;Đ
                                           margin-bottom: 1rem;Đ
position: relative; D display: inline-block; D color #ffffff; D } D .section-header h3::after {D content: ''; D position: absolute; D bottom: -10px; D
                                                                    color:
           left: 50%;D
transform: translateX(-50%);D
width: 80px;D height: 3px;D background: linear-
gradient(45deg, #4deeea, #4d8eea);D }D D .section-header p {D
    max-width: 700px;D margin: 0 auto;D color:
                font-size: 1.1rem; D line-height: 1.6; D .features-container {D max-width: 1200px; D
#bbbbbb; Đ
           margin: 0 auto;Đ
                                       display: grid;Đ
template-columns: repeat(auto-fit, minmax(300px, 1fr));D
                                                                    gap: 2rem;Đ
}Đ Đ .feature-card {Đ gradient(145deg, #131927, #1d2533);Đ
                                                      background: linear-
                                                 border-radius: 15px;Đ
           padding: 2rem;Đ
                                box-shadow: 0 10px 30px rgba(0, 0, 0,
                 transition: all 0.4s ease; position: relative; p
0.2);Đ
        overflow: hidden; \Delta z-index: 1; \Delta } \Delta . feature-card:hover {\Delta transform: translateY(-10px); \Delta
            box-shadow: 0 15px 40px rgba(77, 238, 234, 0.15); Đ
        .feature-card::before {Đ content: '';Đ
                                                                       position:
                     top: 0;Đ
                                          left: 0;Đ
                                                               width: 4px;Đ
absolute;Đ
                                  background: linear-gradient(45deg, #4deeea,
            height: 0;Đ
#4d8eea);D transition: height 0.4s ease;D z-index: -1;D
            D .feature-card:hover::before {D height}
}D D .feature-icon {D width: 60px;D height: 60px;D border-radius: 50%;D
       }Đ
                                                               height:
background: rgba(77, 238, 234, 0.1);Đ
                                           display: flex;Đ
align-items: center; D justify-content: center bottom: 1.5rem; D font-size: 1.8rem; D } D D .feature-card h4 {D
                                 justify-content: center;Đ
                                                                        margin-
                                                            color: #4deeea;Đ
                                                         font-size: 1.5rem;Đ
           margin-bottom: 1rem;Đ
                                             color: #ffffff;Đ
                                                                    }Đ
                                       color: #bbbbbb;Đ
        .feature-card p {Đ
                                                                    line-height:
         }Đ
                    Đ
                           /* Trading Charts Section */Đ .trading-
1.6;Đ
                    charts {Đ
position: relative; D overflow: hidden; D } D .trading-charts::before {D content: ''; D position: absolute; D top: 0; D left: 0; D w
                                                                                  Ð
                                                                         width:
100%;Đ
```

```
height: 100%;D background: url("/api/placeholder/1200/800") center/cover;D opacity: 0.05;D
index: 0; D \}D D .charts-container \{D max-width:
1200px;Đ margin: 0 auto;Đ position: relative;Đ z-index: 1;Đ }Đ Đ .chart-tabs {Đ display: flex;Đ
            justify-content: center;D gap: 1rem;D
                                                                          margin-
bottom: 2rem;Đ }Đ Đ .chart-tab {Đ padding: 0.8rem
                    background: linear-gradient(145deg, #131927, #1d2533); D
1.5rem;Đ
             border: none; D border-radius: 30px; D color:
                                            transition: all 0.3s ease; Đ
             cursor: pointer;Đ
#bbbbbb; Đ
                  Đ .chart-tab.active, .chart-tab:hover {Đ
       }∌
background: linear-gradient(45deg, #4deeea, #4d8eea);D color: #131927;D font-weight: 600;D }D D .chart-display {D
            background: linear-gradient(145deg, #131927, #1d2533); Đ
porder-radius: 15px;Đ padding: 2rem;Đ padding: 500px;Đ
                                                            box-shadow: 0 10px
                                                                  position:
                    overflow: hidden;Đ
                                             animation: chartAnimate 1s
relative;Đ
              }Đ Đ .chart-display img {Đ width: 100%;Đ
ease-out;Đ
display: grid;Đ
radius: 10px;Đ padding: 1.5rem;Đ text-align: center;Đ
            box-shadow: 0 5px 15px rgba(0, 0, 0, 0.2); Đ
                                                                      animation:
fadeInUp 0.8s ease-out;D }D D .stat-card h5 {D font-size: 1.1rem;D color: #bbbbbb;D margin-bottom: 0.8rem;D }D D .stat-card .value {D font-size:
       font-weight: 700; D color: #ffffff; D }D .stat-card .trend {D display: flex; D
1.8rem;Đ
                                  justify-content: center; Đ
align-items: center;Đ
                                                                        margin-
                         font-size: 0.9rem;Đ }Đ Đ
top: 0.5rem;Đ
                                                                        .trend.up {Đ
             color: \#fa4d4d; D }D /* Testimonials Se .testimonials {D padding: 6rem 2rem; D
                                                                     background:
linear-gradient(Odeg, #131927, #0d111c);D
                                                            Ð
overflow-x: auto;Đ
             scroll-snap-type: x mandatory; D scrollb
-ms-overflow-style: none; D gap: 2rem; D
                                                         scrollbar-width: none; Đ

}D D D .testimonial-slider::-webkit-
display: none;D }D D .testimonial-
flex: 0 0 350px;D scroll-snap-align: start;D

}

padding: 1rem 0;D }Đ
scrollbar {Đ
card {Đ
             background: linear-gradient(145deg, #131927, #1d2533); Đ
background: linear-gradient(145deg, #131927, #1d2533); b

border-radius: 15px; b

padding: 2rem; b

box-shadow: 0 10px

30px rgba(0, 0, 0, 0.2); b

position: relative; b

animation:

fadeInRight 1s ease-out; b

content: '"'; b

position: absolute; b

top: 10px; b

font-size: 6rem; b

color:

rgba(77, 238, 234, 0.1); b

line-height: 1; b

position: relative; b

top: 10px; b

font-family: Georgia, serif; b

line-height: 1; b

position: relative; b

testimonial-text { D

font-style: italic: D

color:
                                                                        top: 10px;Đ
        .testimonial-text {Đ
                                        font-style: italic;Đ
                                                                           color:
                    line-height: 1.6;D margin-bottom: 1.5rem;D
#bbbbbb; Đ
             50%;Đ
                 overflow: hidden;Đ
                                              margin-right: 1rem;Đ
```

Đ

```
.author-avatar img {Đ width: 100%;Đ height: 100%;Đ object-fit: cover;Đ }Đ Đ .authorinfo h5 {Đ font-size: 1.1rem;Đ color: \#ffffff;Đ margin-bottom: 0.2rem;Đ }Đ Đ .author-info p {Đ font-size: 0.9rem;Đ color: \#bbbbbb;Đ }Đ Đ /* CTA
Section */Đ .cta-section {Đ padding: Śrem 2rem;Đ
background: linear-gradient(135deg, #0a0e17, #131927); text-align:
center; D position: relative; D overflow: hidden; D } D .cta-section::before {D content: ''; D position: absolute; D top: -100px; D right: -100px; D width: 300px; D height: 300px; D border-radius: 50%; D background: rgba(77, 238, 234, 0.05); D z-index: 0; D
                                                                                                                                 }Ð Ð
                         animation: floatAroundLarge 15s linear infinite;Đ
cta-section::after {Đ content: '';Đ position: absolute;Đ bottom: -80px;Đ left: -80px;Đ widt 200px;Đ border-radius: 50%;Đ background: rgba(77, 142, 234, 0.05);Đ z-index: 0;Đ
                                                                                                                                      width:
color: #bbbbb;D margin-bottom: 2rem;D }D D

.cta-form {D display: flex;D max-width: 500px;D

margin: 0 auto;D position: relative;D }D D

.cta-input {D flex: 1;D height: 60px;D

border-radius: 30px;D border: none;D padding: 0 2rem;D

background: linear-gradient(145deg, #131927, #1d2533);D

relate: #ffffff;D
background: linear-gradient(145deg, #131927, #1d2533); D

color: #ffffff; D

font-size: lrem; D

box-shadow: 0 5px 15px

rgba(0, 0, 0, 0.2); D

D

outline: none; D

box-shadow: 0 5px 20px rgba(77, 238, 234, 0.2); D

box-shadow: 0 5px 20px rgba(77, 238, 234, 0.2); D

position: absolute; D

right: 5px; D

border-radius: 25px; D

border-radius: 25px; D

border-radius: 25px; D

border: none; D

padding: 0 2rem; D

font-weight: 600; D
                      cursor: pointer; D transition: all 0.3s ease; D } D
                           .cta-btn-submit:hover {Đ transform: translateX(3px);Đ
                        box-shadow: 0 5px 15px rgba(77, 238, 234, 0.3); Đ Đ
/* Footer */Đ footer {Đ background: #0a0e17;Đ padding: 4rem 2rem;Đ color: #bbbbbb;Đ }Đ footer-container {Đ max-width: 1200px;Đ margin: 0 auto;Đ }Đ Đ footer-top {Đ display:
grid;Đ
                               grid-template-columns: repeat(auto-fit, minmax(200px, 1fr));D
grid/B grid-template-columns. repeat(auto-lit, minmax(200px, lil)),
gap: 2rem;B margin-bottom: 3rem;B }B B

.footer-logo {B grid-column: 1 / span 2;B }B B

.footer-logo .logo {B margin-bottom: 1.5rem;B }B

B .footer-about {B max-width: 300px;B line-height: 1.6;B font-size: 0.95rem;B }B B .footer-links h4 {B font-size: 1.2rem;B color: #fffffff;B
                                                                                                                                                line-
                       margin-bottom: 1.5rem;D position: relative;D line-block;D }D D .footer-links h4::af
display: inline-block;D }D D .footer-links h4::after {D content: '';D position: absolute;D bottom: -8px;D left: 0;D width: 30px;D height: 2px;D
                 background: linear-gradient(45deg, #4deeea, #4d8eea); D }D .footer-links ul {D list-style: none; D }D .footer-links ul li {D margin-bottom: 0.8rem; D }D .footer-links ul li a {D color: #bbbbbb; B
                 Đ
                                                                                                                          color: #bbbbbb;Đ
                        text-decoration: none;Đ
```

```
transition: all 0.3s ease;Đ
          font-size: 0.95rem;Đ
                               }Đ
                                             .footer-links ul li
                                        padding-left: 5px;D }D
a:hover {Đ color: #4deeea;Đ
          .footer-bottom \{\mathtt E
                                    border-top: 1px solid rgba(255,
     Ð
255, 255, 0.1); padding-top: 2rem; D
                                               display: flex;Đ
          justify-content: space-between; Đ
                                              align-items: center;Đ
          flex-wrap: wrap;Đ gap: lrem;Đ }Đ
                                                     Ð
      font-size: 0.9rem;Đ
                                                     }Đ
                                                   gap: 1rem;Đ
           Đ .social-link {Đ width: 40px;Đ
      }Đ
                   border-radius: 50%;Đ
height: 40px;Đ
                                        background: linear-
gradient(145deg, #131927, #1d2533);Đ display: flex;Đ
align-items: center;Đ
                          justify-content: center;Đ
                                                         color:
#bbbbbb;D text-decoration: none;D transition: all 0.3s ease;D font-size: 1.2rem;D }D .social-
link:hover {Đ
                   background: linear-gradient(45deg, #4deeea, #4d8eea); Đ
          color: #131927;Đ
                         transform: translateY(-3px);D
          /* Animations */Đ @keyframes headerSlideDown {Đ
                   transform: translateY(-100%);D
          from {Đ
}Đ
        @keyframes logoPulse \{\mathtt E
                                  from {Đ
transform: scale(1);Đ
                    }Đ
                                     to \{ {\mathtt D}
                                                      transform:
                    }Đ
scale(1.05);Đ
                                  Ð
                                         @keyframes logoRotate {Đ
          from {Đ
                            transform: rotate(0deg);D
                          transform: rotate(360deg);Đ
          to {Đ
                                                          }Đ
             Đ @keyframes ctaPulse {Đ
                                               from {Đ
             box-shadow: 0 0 0 rgba(77, 238, 234, 0);Đ
                                                         }Đ
                         box-shadow: 0 0 15px rgba(77, 238, 234, 0.5); Đ
          to {Đ
          Đ @keyframes heroTextSlide {Đ
                  transform: translateX(-50px);D
from {Đ
                                                        opacity: 0;Đ
                  to {Đ
                                  transform: translateX(0);D
             opacity: 1;Đ
                                                      @keyframes
                                }Đ
                                      }Ð Ð
heroImageFadeIn {Đ
                from {Đ
                                          transform:
translateX(50px);Đ
                        opacity: 0;Đ
                                              }Đ
                                                        to {Đ
             transform: translateX(0);D
                                               opacity: 1;Đ
                 }Đ Đ @keyframes floatUpDown {Đ
                                                             0왕,
100% {Đ
                  transform: translateY(0);D
                                                            50% {Đ
                                                       }Đ
             transform: translateY(-15px);D
                                                            Æ
      @keyframes chartAnimate {D from {D
                                     m (₽
}Đ
                                                       opacity: 0;Đ
             transform: scale(0.98);
                                                     to {Đ
             opacity: 1;Đ
                                   transform: scale(1);Đ
                                                               }Đ
                @keyframes fadeInUp {D from {D
             opacity: 0;Đ
                                    transform: translateY(20px); D
          }Đ
              to {Đ
                                     opacity: 1;Đ
transform: translateY(0);D
                                      }Đ
                               }Đ
                                         Ð
                                                    @keyframes
                                       opacity: 0;Đ
transform: translateX(-20px);D
                                 }Đ
                                            to {Đ
                     transform: translateX(0);Đ
opacity: 1;Đ
                                                      }Đ
                                                             }Đ
      Ð
             @keyframes floatAroundLarge {Đ
                                                0% {Đ
                                           25% {Đ
transform: translate(0, 0);D
                                                 50% {Đ
transform: translate(-50px, 50px);D
                                      }Đ
                                                  }Đ
            transform: translate(-100px, 0);Đ
                                                             75% {Đ
             transform: translate(-50px, -50px); D
                                                    }Đ
                 transform: translate(0, 0);D
                                                   }Đ
            @keyframes floatAroundSmall {Đ
                                                0% {Đ
transform: translate(0, 0);D
                                           25% {Đ
transform: translate(30px, -30px); D
                                                 50% {Đ
                                      }Đ
             transform: translate(60px, 0); D
                                                }Đ
                                                           75% {Đ
             transform: translate(30px, 30px); D
```

```
}Đ
                     transform: translate(0, 0);D
100% {Đ
                                                           }Đ
               /* Responsive Styles */Đ @media (max-width: 992px) {Đ
            .hero-content {Đ
                                         flex-direction: column;Đ
               text-align: center;Đ
                                                                      .hero-
                                                          Ð
                     flex: 0 0 100%;Đ
                                                   margin-bottom: 3rem;Đ
text {Đ
           }Đ
                                    .hero-btns {Đ
                                                               justify-
content: center;Đ
                           }Đ
                                       Ð
                                                    .chart-stats {Đ
               grid-template-columns: repeat(2, 1fr);D
                                                                }Đ
                                                                         }Đ
       Ð
               @media (max-width: 768px) {Đ
                                                     .hero-text h2 {Đ
                                             }Đ
               font-size: 2.5rem; D
                                                         Ð
            .header-container {Đ
                                             flex-direction: column;Đ
               gap: 1rem; D
                                     }Đ
                                                             nav ul {Đ
                                                 Ð
               flex-wrap: wrap; Đ
                                               justify-content: center; Đ
                        Ð
                                   nav ul li {Đ
                                                              margin: 0
                                                                      grid-
1rem;Đ
                                         .footer-logo {Đ
                             Ð
column: 1 / -1;Đ
                                   }Đ
                                                   @media (max-width:
                          }Đ
                                           Ð
                   .hero-text h2 {Đ
                                                 font-size: 2rem; D
576px) {Đ
           }Đ
                        Ð
                                    .cta-form {Đ
                                                              flex-
direction: column;Đ
                             }Đ
                                                      .cta-btn-submit {Đ
                                       Ð
               position: static; D
                                               width: 100%; Đ
margin-top: 1rem;Đ
                              height: 50px;Đ
                                                        }Đ
           .chart-stats {Đ
                                         grid-template-columns: 1fr; D
           }Đ
                                    .footer-bottom {Đ
                                                                   flex-
                        Ð
direction: column;Đ
                                 text-align: center;Đ
                                                               }Đ
                                                                            Ð
                                         justify-content: center;Đ
           .social-links {Đ
                   }Đ </style>Đ/head>Đbody>Đ <!-- Header Section -->Đ
               <div class="header-container">Đ
                                                        <div class="logo">Đ
<header>Đ
               <div class="logo-icon"></div>Đ
                                                           <h1>TradePro</h1>Đ
           </div>Đ
                             <nav>Đ
                                                 Đ
<a href="#home">Home</a>Đ
                                                   <a
href="#features">Features</a>Đ
                                                    <a
                                                   <a
href="#markets">Markets</a>Đ
href="#pricing">Pricing</a>Đ
                                                   <a</li>
href="#about">About</a>Đ
                                          Đ
                                                           </nav>Đ
           <button class="cta-btn">Start Trading</putton>Đ
                                                                </div>Đ
                                                                          </
          Ð
             <!-- Hero Section -->Đ <section class="hero" id="home">Đ
header>Đ
       <div class="hero-content">Đ
                                            <div class="hero-text">Đ
               <h2>Trade <span>Smarter</span>, Not Harder</h2>Đ
               Experience a new generation of trading with TradePro's
advanced platform. Real-time analysis, AI-powered insights, and commission-
free trades to maximize your profits.Đ
                                                       <div class="hero-
btns">Đ
                         <button class="cta-btn">Get Started/button>Đ
                   <button class="cta-btn secondary">Learn More</button>Đ
               </div>Đ
                                 </div>Đ
                                                  <div class="hero-image">Đ
               <img src="https://images.unsplash.com/</pre>
photo-1605792657660-596af9009e82?
q=80&w=1402&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVuf
alt="Trading Platform Dashboard">Đ
                                           </div>Đ
                                                         </div>Đ </
section>Đ
          Đ <!-- Features Section -->Đ <section class="features"
id="features">Đ
                    <div class="section-header">Đ
                                                            <h3>Powerful
Features</h3>Đ
                       Discover the tools that make TradePro the
preferred choice of professional traders around the world.Đ
       <div class="features-container">Đ
                                                  <div class="feature-card">Đ
               <div class="feature-icon">Ø=ÜÊ</div>Đ
                                                              <h4>Real-Time
Analytics</h4>Đ
                             Access comprehensive market analysis and
real-time data from global markets to make informed trading decisions.Đ
           </div>Đ
                     <div class="feature-card">Đ
                                                                      <div
class="feature-icon">Ø>Ý </div>Đ
                                         <h4>AI Trading Assistant</h4>Đ
               Our advanced AI analyzes patterns and trends to suggest
optimal trading strategies tailored to your risk profile.Đ
```

div>Đ <div class="feature-card">Đ <div class="feature-<h4>Multi-Platform Access</h4>Đ icon">Ø=Üñ</div>Đ Trade on the go with our seamless experience across desktop, web, and mobile applications with real-time synchronization.Đ </div>Đ <div class="feature-card">Đ <div class="featureicon">Ø=Ý </div>Đ <h4>Bank-Level Security</h4>Đ Your assets are protected with industry-leading encryption, two-factor authentication, and regular security audits.Đ </div>Đ <div class="feature-card">Đ <div class="feature-icon">Ø=ÜÈ</div>Đ <h4>Advanced Charting</h4>Đ 0ver 100+ technical indicators and drawing tools to analyze market trends and make precise predictions.Đ </div>Đ <div class="feature-<div class="feature-icon">Ø=ܰ</div>Đ card">Đ <h4>Commission-Free</h4>Đ Trade stocks, ETFs, and cryptocurrencies without any commission fees. Only pay for premium features </div>Đ Đ Đ/body>Đ/html> you choose.Đ

demo\src\main\resources\static\user dashboard3.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>Đ
                                     <meta charset="UTF-8">Đ
<title>User Dashboard</title>Đ
                                 <link rel="stylesheet" href="https://</pre>
                             Ð
cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.0/css/all.min.css">Đ
<script src="https://cdn.jsdelivr.net/npm/sockjs-client@1/dist/</pre>
sockjs.min.js"></script>D <script src="https://cdn.jsdelivr.net/npm/</pre>
stompjs@2.3.3/lib/stomp.min.js"></script>D <link rel="stylesheet"
href="user dashboard3.css">D/head>Dbody>D <header class="header">D
<button class="hamburger" id="menuToggle">Đ
                                                  <i class="fas fa-
                                <div class="logo"><img src="pics/astrolite</pre>
bars"></i>Đ
                </button>Đ
tech logo.png" alt="img" class="image"></div>Đ
                                                 <div class="header-
title">User Management System</div>Đ
                                        <div class="user-info-mini">Đ
                   <div class="user-data">Đ
id="headerUserName" class="username">Loading...</span>Đ
id="headerUserRole" class="name" style="font-size: 12px; color: black;
margin-left: 8px;">(Role)</span>Đ
                                        </div>Đ
                                                      </div>Đ
       <aside class="sidebar" id="sidebar">Đ
                                                <div class="sidebar-
header">Đ
                  <div class="user-info">Đ
                                                     <div class="user-
avatar" id="userAvatar">U</div>Đ
                                           <div>Đ
                                                                   <div
class="user-name" id="sidebarUserName">Loading...</div>D
<div class="user-role" id="sidebarUserRole">Role</div>Đ
<div class="user-status" id="userStatus">Online</div>Đ
                                                                </div>Đ
           </div>Đ
                        </div>Đ
                                     Đ
<a href="#" onclick="showModule('dashboardModule')"><i class="fas fa-</pre>
tachometer-alt"></i> Dashboard</a>Đ
                                               <a href="#"
onclick="showModule('userProfileModule')"><i class="fas fa-user"></i>
Profile</a>Đ
                          <a href="#"
onclick="showModule('settingsModule')"><i class="fas fa-cog"></i> Settings</
a>Đ
                 <a href="#"><i class="fas fa-chart-bar"></i>
Analytics</a>Đ
                           <a href="#"
onclick="showModule('chatModule')"><i class="fas fa-comment-sms"></i> Chat</
             Đ
                          <button id="logout" class="logout-btn">Đ
           <i class="fas fa-sign-out-alt"></i> LogoutĐ
                                                         </button>Đ
                                                                     </
             <main class="main-content" id="mainContent">Đ
                                                             <div
aside>Đ
id="dashboardModule" class="module" style="display: block;">Đ
class="dashboard-header">Đ
                                  <h1 class="dashboard-title">Dashboard/
              <div class="breadcrumb">Home &gt; Dashboard</div>Đ
h1>Đ
                                                                   </div>Đ
   Ð
           <div class="data-card fade-in">Đ
                                                   <h2>Session
Information</h2>Đ
                          <div id="sessionDataContainer">Đ
<div class="loading" id="sessionLoading">Loading...</div>Đ
Đ
                  <thead>Đ
                                               Đ
                                                    User IDĐ
                          UsernameĐ
Sign-in TimeĐ
                                             Logout TimeĐ
                          RoleĐ
StatusĐ
                                    Đ
                                                           </thead>Đ
                  Đ
                                               Đ
                                                    <td
id="userIdDisplay">Đ
                                                <td
id="userNameDisplay">Đ
                                                  <td
id="signinTimeDisplay">Đ
                                                    <td
id="logoutTimeDisplay">Đ
                                                    <td
id="roleDisplay">Đ
                                              Đ
                      Đ
                                             Đ
                                                                    </
table>Đ
                </div>Đ
                             </div>Đ
                                          </div>Đ
                                                      <!-- USER PROFILE
MODULE -->Bdiv id="userProfileModule" class="module" style="display: none;">Đ
   <div class="dashboard-header">Đ
                                      <h1 class="dashboard-title">User
Profile</hl>Đ
                 <div class="breadcrumb">Home &gt; Profile</div>D </div>D
 Ð
```

```
<div class="profile-photo">Đ
     <div class="profile-card">Đ
                                                                    <img
id="profileImage" class="profile-pic" src="pics/
istockphoto-1316947194-612x612.jpg" alt="Profile Image" />D </div>Đ
<div class="profile-details">Đ
                                <div class="profile-row">Đ
class="profile-label">User ID:</span>Đ
                                           <span
id="profileUserId">Loading...</span>Đ
                                        </div>Đ
                                                      <div class="profile-
             <span class="profile-label">Name:</span>Đ
id="profileUserName">Loading...</span>Đ </div>Đ
                                                       <div
class="profile-row">Đ
                           <span class="profile-label">Email:</span>Đ
         <span id="profileEmail">Loading...</span>D </div>D
                                                                    <div
                           <span class="profile-label">Phone:</span>Đ
class="profile-row">Đ
         <span id="profilePhone">Loading...</div>
                                                                   <div
class="profile-row">Đ
                           <span class="profile-label">Role:</span>Đ
         <span id="profileRole">Loading...</span>Đ
                                                 </div>Đ
                                                                  <div
                           <span class="profile-label">Referral Code:
class="profile-row">Đ
             <span id="profileReferralCode">Loading...</span>Đ
                                                                 </div>Đ
       <div class="profile-row">Đ
                                       <span class="profile-</pre>
label">Created At:</span>Đ
                               <span id="profileCreatedAt">Loading...
                       </div>Đ </div>Đ </div>Đ Đ <div id="settingsModule"
            </div>Đ
<h1 class="dashboard-title">User Settings</h1>Đ
                                                    <!-- Username
class="breadcrumb">Home > Settings</div>Đ
                                       </div>Đ Đ
Section -->Đ <div class="settings-section">Đ
                                                 <label>Username:</label>Đ
       <span id="currentUsername" class="current-value">Loading.../span>Đ
       <div id="usernameEdit" class="edit-section">Đ
                                                           <input
type="text" id="usernameInput" placeholder="Enter new username" />Đ
<button class="save-button" onclick="saveUsername()">Save</button>Đ
<button class="cancel-button" onclick="cancelEdit('username')">Cancel</button>Đ
       </div>Đ
                 Đ </div>Đ <!-- Phone Section -->Đ <div
                             <label>Phone:</label>Đ
class="settings-section">Đ
                                                         <span
id="currentPhone" class="current-value">Loading...</span>Đ
                                                          <div
id="phoneEdit" class="edit-section">Đ
                                            <input type="tel"</pre>
id="phoneInput" placeholder="Enter new phone number" />Đ
                                                              <button
class="save-button" onclick="savePhone()">Save</button>D
                                                              <button
class="cancel-button" onclick="cancelEdit('phone')">Cancel/button>Đ
                                                                     </
       </div>Đ
                 <!-- Single Edit Button -->Đ <div class="settings-
div> Đ
section">Đ
               <button class="edit-button" id="editProfileBtn"</pre>
onclick="editProfile()">Edit Profile</button>Đ </div>Đ
                                                     <!-- Profile
Picture -->Đ <div class="settings-section">Đ
                                                <label>Change Profile
Picture:</label>Đ
                  <img id="settingsImage" class="profile-pic" src="pics/</pre>
istockphoto-1316947194-612x612.jpg" alt="Current Profile Image" />Đ
<input type="file" id="uploadInput" accept="image/*" />Đ </div>Đ
id="settingsStatus" class="status-msg"></div>Đ
                                            <div id="successPopup">Đ
</div>Đ </div>Đ Đ Đ Đ Đ Đ Đ Đ Đ đơiv id="chatModule" class="module"
style="display: none;">Đ <h2>Chat</h2>Đ Đ <!-- Chat Box to display
messages -->Đ <div class="chat-box" id="chatBox">Đ
                                                    <!-- Messages will
be displayed here -->Đ </div>Đ <!-- Notification Area (Hidden initially)
-->Đ <div id="notificationArea" style="display: none; position: fixed; top:
20px; left: 50%; transform: translateX(-50%); background-color: #4caf50;
color: white; padding: 10px 20px; border-radius: 5px; cursor: pointer;">Đ
New message received!Đ </div>ĐĐ <!-- Loading indicator -->Đ
id="loadingIndicator" style="display: none;">Loading...</div>D <!--
Message Input Section -->Đ <div class="chat-input-area">Đ <input
type="text" id="chatInput" placeholder="Type your message..." />D
                                                                 <button
onclick="sendChatMessage()">Send</button>Đ </div>Đ </div>Đ </main>Đ
         Đ <script src="user_dashboard3.js"></script> Đ Đ/body>Đ/html>Đ
```

demo\src\main\resources\static\user_dashboard4.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>D <meta charset="UTF-8">D <meta
name="viewport" content="width=device-width, initial-scale=1.0">Đ
<title>User Dashboard</title>D <style>D :root {D
color: #4361ee;D --secondary-color: #3f37c9;D --success-color: #4caf50;D --danger-color: #f44336;D --light-color:
color: #4caf50;D --danger-color: #f44336;D --light-color
#f5f5f5;D --dark-color: #333;D --sidebar-width: 250px;D
--header-height: 60px;D --box-shadow: 0 2px 10px
              0, 0, 0.1);Đ --transition: all 0.3s ease;Đ margin: 0;Đ padding: 0;Đ box-
rgba(0, 0, 0, 0.1);Đ
{Đ
                                                                                                                  box-sizing: border-
                          font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif; Đ
box; Đ
                               body {D background-color: #f8f9fa;D
color: var(--dark-color); D position: relative; D m height: 100vh; D } D /* Header styles */D .header {D
                        background-color: white;Đ
                                                                                     height: var(--header-height);Đ
                        padding: 0 20px; D display: flex; D
top: 0;Đ left: 0;Đ right: 0;Đ
                pointer; Đ
                        border: none; Đ /* Sidebar styles */Đ
.sidebar {D background-color: white;D width: var(--sidebar-width);D height: calc(100vh - var(--header-height));D
                      position: fixed;Đ
                                                                              top: var(--header-height);Đ
                                     box-shadow: var(--box-shadow);D
left: 0;Đ
                                                                                                                           padding-top:
                transition: var(--transition);D z-index }D .sidebar.collapsed {D left: -250px;D
20px;Đ
                                                                                                                       z-index: 99;Đ
.sidebar-header {Đ padding: 0 20px 20px;Đ border-bottom: 1px solid #eee;Đ margin-bottom: 20px;Đ }Đ .user-info {Đ display: flex;Đ align-items: center;Đ }Đ
               .user-avatar {Đ width: 45px;Đ height: 45px;Đ border-radius: 50%;Đ background-color: var(--primary-color: white;Đ display: flex;Đ align
                                    color: white; D display: flex; D align justify-content: center; D font-weight:
color);Đ
items: center;Đ
bold; \theta margin-right: 12px; \theta } \theta .user-name {\theta font-weight: \theta font-size: 1.1rem; \theta margin-bottom: \theta
} D .user-status {D font-size: 0.85rem;D color: var(--success-color);D }D .nav-menu {D
style: none; D } D .nav-menu li {D margin-bottom: D } D .nav-menu a {D display: flex; D align-
items: center;D padding: 12px 20px;D color: var(--dark-
color);D text-decoration: none;D transition: var(--
transition);D }D .nav-menu a:hover, .nav-menu a.active {D
                  background-color: rgba(67, 97, 238, 0.1); D color: var(--
primary-color); D border-left: 3px solid var(--primary-color); D
   \}Đ .nav-menu a i \{Đ
                                                                                       margin-right: 10px;Đ
font-size: 1.2rem; D }D .logout-btn {D margin padding: 10px; D background-color: #f8f9fa; D border-radius: 5px; D cursor: pointer; D width:
                                                                                                                         margin: 20px;Đ
                                                                                                                      width: calc(100% -
40px);Đ font-weight: 600;Đ display: flex;Đ
align-items: center; D justify-content: center; D
transition: var(--transition); D } D .logout-btn:hover {D background-color: var(--danger-color); D color: white; D } D /* Main content styles */D .main-content {D margin left: var(--sidebar-width); D margin-top: var(--header-height); D margin-top
                      padding: 20px;Đ
```

```
transition: var(--transition); D
                                                                   }Đ
       .main-content.expanded {Đ
                                      margin-left: 0;Đ
       .dashboard-header {Đ
                                  margin-bottom: 20px;Đ
                                                            }Đ
                                                            font-
       .dashboard-title {Đ
                                 font-size: 1.8rem;Đ
weight: 600;Đ
                     margin-bottom: 5px;Đ
                                                color: var(--dark-
color);Đ
                     .breadcrumb {Đ
                                           font-size: 0.9rem;Đ
             }Đ
                                margin-bottom: 20px;Đ
          color: #666;Đ
       .data-card {Đ
                            background-color: white; D
                                                            border-
                     box-shadow: var(--box-shadow);D
radius: 8px;Đ
                                                           padding:
              margin-bottom: 20px;Đ
                                       }Đ
20px;Đ
                                               .data-card h2 {Đ
                                    margin-bottom: 15px;Đ
          font-size: 1.2rem;Đ
color: var(--dark-color);
                                border-bottom: 1px solid #eee;Đ
          border-collapse: collapse;Đ
width: 100%; Đ
                                                            .session-
table th, .session-table td {Đ padding: 12px 15px;Đ
                                                                text-
                    border-bottom: 1px solid #eee;Đ }Đ
align: left;Đ
       .session-table th {Đ font-weight: 600;Đ
                                                            color:
        background-color: #f8f9fa;D }D
                                                     .session-table
                         border-bottom: none;Đ
                                                   }Đ .session-
tr:last-child td {Đ
                        padding: 5px 10px;Đ
table .status {Đ
                                                  border-radius: 20px;Đ
          font-size: 0.85rem; D
                                      font-weight: 500;Đ }Đ
       .session-table .status.active {Đ
                                     background-color: rgba(76,
175, 80, 0.1);Đ
                      color: var(--success-color);D
                                                    }Đ
       .session-table .status.inactive {Đ background-color:
rgba(244, 67, 54, 0.1);Đ
                              color: var(--danger-color);D
                          display: flex;Đ
       .loading {Đ
                                                 justify-content:
center;Đ
                                             height: 100px;Đ
                align-items: center;Đ
       .loading:after {D content: " ";D display: block;D
          width: 40px;Đ
                               height: 40px;Đ
                                                      border-radius:
              border: 6px solid var(--primary-color); Đ
                                                           border-
color: var(--primary-color) transparent var(--primary-color) transparent; D
          animation: loader 1.2s linear infinite;Đ
                                                   }Đ
@keyframes loader {Đ
                           0% {Đ
                                             transform: rotate(0deg);D
           }Đ
                      100% {Đ
                                         transform: rotate(360deg);Đ
           }Đ
                  }Đ /* Responsive styles */Đ
                                                      @media screen
and (max-width: 768px) {Đ
                          .hamburger {Đ
                                                        display:
block; Đ
              }Đ
                           .sidebar {Đ
                                                  left: -250px;Đ
                      .sidebar.active {Đ
                                                   left: 0;Đ
           }Ð
           }Đ
                      .main-content {Đ
                                                 margin-left: 0;Đ
                                                 margin-left: 20px;Đ
           }Đ
                      .header-title {Đ
          }Đ
                  }Đ </style>Đ <!-- Icon library for menu icons -->Đ
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-</pre>
awesome/6.4.0/css/all.min.css">D/head>Dbody>D <!-- Header -->D
class="header">Đ <button class="hamburger" id="menuToggle">Đ
<i class="fas fa-bars"></i>Đ
                              </button>Đ <div class="header-
title">User Management System</div>Đ <div class="user-info-mini">Đ
          <span id="headerUserName"></span>Đ
                                           </div>Đ </header>Đ
<!-- Sidebar -->Đ
                 <aside class="sidebar" id="sidebar">Đ
                                                         <div
class="sidebar-header">Đ
                               <div class="user-info">Đ
<div class="user-avatar" id="userAvatar"></div>Đ
                                                        <div>Đ
                  <div class="user-name" id="sidebarUserName">Loading...
                     <div class="user-status" id="userStatus">Online</div>D
div>Đ
                                        </div>Đ
              </div>Đ
                             </div>Đ
                                                    <a href="#" class="active"><i class="fas fa-tachometer-</pre>
menu">Đ
                                  <a href="#"><i class="fas fa-
alt"></i> Dashboard</a>Đ
user"></i> Profile</a>Đ
                                  <a href="#"><i class="fas fa-
                                  <a href="#"><i class="fas fa-chart-
cog"></i> Settings</a>Đ
bar"></i> Analytics</a>Đ
                                  <a href="#"><i class="fas fa-
bell"></i> Notifications</a>Đ
                                   Đ
                                                <button id="logout"</pre>
class="logout-btn">Đ
```

```
<i class="fas fa-sign-out-alt" style="margin-</pre>
right: 10px;"></i> LogoutĐ
                                            </aside>Đ <!-- Main Content --
                               </button>Đ
    <main class="main-content" id="mainContent">Đ
                                                      <div
class="dashboard-header">Đ
                                   <h1 class="dashboard-title">Dashboard/
h1>Đ
              <div class="breadcrumb">Home > Dashboard</div>Đ
       <div class="data-card">Đ
                                        <h2>Session Information</h2>Đ
           <div id="sessionDataContainer">Đ
                                                        <div
class="loading" id="sessionLoading"></div>Đ
                                                       <table
class="session-table" id="sessionTable" style="display: none;">Đ
                   <thead>Đ
                                                Đ
                          User IDĐ
Sign-in TimeĐ
                                               Logout TimeĐ
                          EmailĐ
                                        StatusĐ
PhoneĐ
                       Đ
                                               </thead>Đ
Đ
                                                            <td
                             Đ
id="userIdDisplay">Đ
                                                 <td
id="signinTimeDisplay"></ra>
                                                     <td
id="logoutTimeDisplay"></ra>
                                                     <td
                                                Đ
id="emailDisplay">Đ
                          Đ
                                               Đ
                       Đ
                                                                      </
table>Đ
                 </div>Đ
                              </div>Đ
                                        </main>Đ
                                                                  // DOM
                                                  <script>Đ
ElementsĐ
               const menuToggle = document.getElementById('menuToggle');D
       const sidebar = document.getElementById('sidebar');D
                                                                const
mainContent = document.getElementById('mainContent');D
                                                          const logoutBtn
                                      const sessionLoading =
= document.getElementById('logout');D
document.getElementById('sessionLoading');D
                                              const sessionTable =
document.getElementById('sessionTable');D
                                             // Toggle sidebarĐ
menuToggle.addEventListener('click', () => {D
sidebar.classList.toggle('active');D
mainContent.classList.toggle('expanded');D
                                               });Đ
                                                         // Format
datetime for displayĐ
                          function formatDateTime(dateTimeStr) {Đ
if (!dateTimeStr) return 'N/A';D
                                        const date = new Date(dateTimeStr); D
           return new Intl.DateTimeFormat('en-US', {Đ
                        month: 'short',Đ
                                                      day: 'numeric',Đ
'numeric',Đ
               hour: '2-digit',Đ
                                             minute: '2-digit',Đ
               second: '2-digit'Đ
                                           }).format(date);
       // Check if user is logged inĐ
                                          function checkUserLoggedIn() {Đ
           const userId = sessionStorage.getItem("userId");D
                                                                     const
userName = sessionStorage.getItem("userName");D
                                                                  Ð
                       // Display user info in sidebar and headerĐ
           Ð
document.getElementById("sidebarUserName").textContent = userName;D
document.getElementById("headerUserName").textContent = userName; D
document.getElementById("userAvatar").textContent =
userName.charAt(0).toUpperCase();D
                                                      return true;Đ
                                                                         }Đ
                                          Ð
       // Load dashboard dataĐ
                                    function loadDashboardData() {Đ
           if (!checkUserLoggedIn()) return; D
                                                                  const
                                                      Ð
userId = sessionStorage.getItem("userId");D
                                                               // Show
                                                   Ð
loading indicatorĐ
                           sessionLoading.style.display = 'flex';D
           sessionTable.style.display = 'none';D
                                                                     //
                                                         Ð
Fetch user session dataĐ
                             fetch(`http://localhost:8080/api/
user_sessions/${userId}`)D
                                       .then(response => \{Đ
                   if (!response.ok) {Đ
                                                            throw new
Error('Network response was not ok');D
                                                      }Đ
return response.json();Đ
                                     } ) Đ
                                                      .then(data => {Đ
                   // Hide loading indicator and show tableĐ
                   sessionLoading.style.display = 'none';D
sessionTable.style.display = 'table';D
                   // Populate table with dataĐ
```

```
document.getElementById("userIdDisplay").textContent = data.userId || "N/A";D
                   document.getElementById("signinTimeDisplay").textContent
= formatDateTime(data.signinTime);D
document.getElementById("logoutTimeDisplay").textContent = data.logoutTime ?
formatDateTime(data.logoutTime) : "Active"; D
document.getElementById("emailDisplay").textContent = data.email |  "N/A"; D
                   document.getElementById("phoneDisplay").textContent =
data.phone | "N/A";Đ
                                      Ð
                                                         // Set statusĐ
                   const statusDisplay =
document.getElementById("statusDisplay");D
                                                          if
(data.isActive) {Đ
                                       statusDisplay.innerHTML = '<span</pre>
class="status active">Online</span>';D
document.getElementById("userStatus").textContent = "Online";D
                      document.getElementById("userStatus").style.color =
"var(--success-color)";Đ
                                         } else {Đ
statusDisplay.innerHTML = '<span class="status inactive">Offline</span>';Đ
                      document.getElementById("userStatus").textContent =
"Offline";Đ
document.getElementById("userStatus").style.color = "var(--danger-color)";D
                   }Đ
                                   } )Ð
                                                    .catch(error => {Đ
                   console.error("Error loading dashboard data:", error);D
                   sessionLoading.style.display = 'none';D
alert("Failed to load dashboard data. Please try again.");D
                                                                       });Đ
               // Handle logoutĐ
                                  logoutBtn.addEventListener('click',
       }Đ
function() {Đ
                      const userId = sessionStorage.getItem("userId");D
           Ð
                      if (!userId) {Đ
                                                   alert("No active
session found. Redirecting to login page..."); Đ
window.location.href = "signin.html"; D
                                                  return;Đ
                      // Disable logout button to prevent multiple clicksĐ
           logoutBtn.disabled = true; D
                                               logoutBtn.innerHTML = '<i</pre>
class="fas fa-spinner fa-spin" style="margin-right: 10px;"></i> Logging
out...';Đ
                             logoutBtn.addEventListener('click',
                  Ð
function() {D const userId = sessionStorage.getItem("userId");D D
Disable logout button to prevent multiple clicksĐ
                                                logoutBtn.disabled = true;Đ
   logoutBtn.innerHTML = '<i class="fas fa-spinner fa-spin" style="margin-
console.log("No userId found in
send to the serverĐ if (!userId) {Đ
session storage");Đ
                       // Just redirect to login since there's no session
to clear server-sideĐ
                         sessionStorage.clear();Đ
window.location.href = "signin.html"; D
                                         return;Đ
                                                     }Đ
                                                         Ð
                                                            // Send
logout request to serverD fetch("http://localhost:8080/api/logout", {D
       method: "POST",Đ
                          headers: {Đ
                                                  "Content-Type":
"application/json"Đ
                        },D body: JSON.stringify({ userId: userId })D
   })D .then(response => {D
                                 // Always clear local session data
regardless of server responseĐ
                                  sessionStorage.clear();Đ
       // Process the responseĐ
                                   if (!response.ok) \{Đ
console.warn("Server returned error during logout, but continuing with client
logout");Đ
                   window.location.href = "signin.html"; D
                                                                  return
null; // Don't try to parse JSON if response is not OKĐ
                                                                   return
if (data) {Đ
console.log("Logout response:", data);
                                               Ð
                                                           // Even if
server says "no active session", we still want to logout locallyĐ
if (data.message.includes("No active session")) {Đ
console.log("Server reports no active session, but proceeding with client
logout");Đ
                    }Đ
                            }Đ
                                    Ð
                                            // Always redirect to login
pageĐ
           window.location.href = "signin.html";D })D .catch(error => {D
       console.error("Logout error:", error);D
                                                           // Even if
                                                   Ð
there's an error, clear session and redirectĐ
                                                 sessionStorage.clear();D
       window.location.href = "signin.html"; D
```

});\(\partial);\(\Delta\));\(\Delta\) });\(\Delta\) });\(\Delta\) //
Initialize dashboard on page load\(\Delta\)
document.add\(\Delta\)ventListener('DOMContentLoaded', function() {\Delta\)
load\(\Delta\)ashboard\(\Delta\)ata every 30
seconds\(\Delta\) setInterval(load\(\Delta\)ashboard\(\Delta\)ata, 30000);\(\Delta\) </script>\(\Delta\)/body>\(\Delta\)/
html>

demo\target\classes\static\adminSignin.html

```
<div class="image-section">Đ
                        Ð
                            </div>Đ
        <div class="form-section">Đ
                                           <div class="form-box">Đ
</div>Đ
<h2>Welcome Back!</h2>Đ
                                 Login to ContinueĐ
                                                                    <form
id="adminSigninForm">Đ
                                    <div class="input-group">Đ
                   <label for="adminid">Admin Username </label>Đ
                   <input type="text" id="adminid" name="adminid"</pre>
placeholder="Enter Admin Username or Email" required >Đ
<div class="error" id="adminidError"></div>Đ
                                                          </div>Đ
               <div class="input-group">Đ
                                                            <label
for="adminPassword">Password</label>Đ
                                                       <input
type="password" id="adminPassword" name="adminPassword" placeholder="Enter
Password" required>Đ
                                       <div class="error"
id="adminPasswordError"></div>Đ
                                             </div>Đ
class="remember-me">Đ
                                       <input type="checkbox"</pre>
id="adminRememberMe">Đ
                                        <label
for="adminRememberMe">Remember Me</label>Đ
                                                           <h5><a
href="forgot.html" class="forgot">Forgot Password?</a></h5>Đ
                                                                         </
                   <button type="submit" class="btn">Sign In</button>Đ
div>Đ
               <div id="adminResult"></div>Đ
                                                      </form>Đ
                                                                     </div>Đ
    </div>Đ
             </div>Bscript>Đ
document.getElementById("adminSigninForm").addEventListener("submit", async
function (event) {Đ
                         event.preventDefault(); // Prevent default form
                     let adminEnteredValue =
submissionĐ
document.getElementById("adminid").value.trim();D
                                                       let.
adminEnteredPassword = document.getElementById("adminPassword").value.trim();D
       let adminResultDiv = document.getElementById("adminResult");D
       // Clear previous errorsĐ
document.getElementById("adminidError").textContent = "";D
document.getElementById("adminPasswordError").textContent = "";D
adminResultDiv.textContent = "";Đ Đ // Validate fieldsĐ
                                                                    if
(adminEnteredValue === "" || adminEnteredPassword === "") {Đ
adminResultDiv.textContent = "'L Please fill in all fields."; Đ
adminResultDiv.style.color = "red";D
                                             return;Đ
                let response = await fetch("http://localhost:8080/api/admin/
try {Đ
                         method: "POST",Đ
signin", {Đ
                                                       headers: {Đ
                   "Content-Type": "application/json"Đ
                                                                    },Đ
               body: JSON.stringify({Đ
                                                        identifier:
adminEnteredValue, // ' Use "identifier" instead of "adminid"Đ
                   password: adminEnteredPasswordĐ
                              let result = await response.json();D
            });Đ
           if (response.ok) { // ' Check response status instead of messageĐ
               adminResultDiv.textContent = "' Login successful!
                               adminResultDiv.style.color = "green"; D
                // ' Store in sessionStorageĐ
sessionStorage.setItem("userId", result.userId);D
sessionStorage.setItem("userName", result.userName);D
sessionStorage.setItem("role", result.role);D
                                              Ð
                                                              // Store
admin details in localStorageĐ
                                            localStorage.setItem("userId",
result.userId);Đ
                              localStorage.setItem("userName",
result.userName);Đ
                                localStorage.setItem("role",
result.role); // ' Store admin roleD
                                                                // Redirect
after a short delayĐ
                                  setTimeout(() => {Đ
                                                             }, 1500);Đ
window.location.href = "admin dashboard.html"; D
                                   adminResultDiv.textContent = "'L " +
           } else {Đ
                              adminResultDiv.style.color = "red"; Đ
result.message; Đ
                                                console.error("Error:",
           }Đ
                    } catch (error) {Đ
                  adminResultDiv.textContent = "'L Server error. Please try
error);Đ
again later.";Đ
```

```
display: flex; D justify-content: center; D align-items:
                     height: 100vh; D background: white; D } D .container { D
            display: flex; Đ width: 100%; Đ background: black; Đ
max-width: 1700px; D height: 700px; D box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.3); D border-radius: 15px; D overflow: hidden;
rgba(0, 0, 0, 0.3);Đ
                                      border-radius: 15px; D overflow: hidden; D
            background-color: #f0f5ff;D
                                                       background-image: Đ
                       radial-gradient(circle at 100% 150%, #f0f5ff 24%, #c8d7ff
25%, #c8d7ff 28%, #f0f5ff 29%, #f0f5ff 36%, #c8d7ff 36%, #c8d7ff 40%,
transparent 40%, transparent),Đ
                                                                   radial-gradient(circle at 0
150%, #f0f5ff 24%, #c8d7ff 25%, #c8d7ff 28%, #f0f5ff 29%, #f0f5ff 36%,
#c8d7ff 36%, #c8d7ff 40%, transparent 40%, transparent),Đ
radial-gradient(circle at 50% 100%, #c8d7ff 10%, #f0f5ff 11%, #f0f5ff 23%,
#c8d7ff 24%, #c8d7ff 30%, #f0f5ff 31%, #f0f5ff 43%, #c8d7ff 44%, #c8d7ff 50%,
#f0f5ff 51%, #f0f5ff 63%, #c8d7ff 64%, #c8d7ff 71%, transparent 71%,
transparent),Đ
                                          radial-gradient(circle at 100% 50%, #c8d7ff 5%,
#f0f5ff 6%, #f0f5ff 15%, #c8d7ff 16%, #c8d7ff 20%, #f0f5ff 21%, #f0f5ff 30%,
#c8d7ff 31%, #c8d7ff 35%, #f0f5ff 36%, #f0f5ff 45%, #c8d7ff 46%, #c8d7ff 49%,
transparent 50%, transparent),Đ
                                                                   radial-gradient(circle at 0%
50%, #c8d7ff 5%, #f0f5ff 6%, #f0f5ff 15%, #c8d7ff 16%, #c8d7ff 20%, #f0f5ff
21%, #f0f5ff 30%, #c8d7ff 31%, #c8d7ff 35%, #f0f5ff 36%, #f0f5ff 45%, #c8d7ff
flex: 1;D background: url("pics/trading\ with\ coin.gif") no-
repeat center / 100% 100%; D D margin-top: 100px; D margin-
bottom: 100px;D margin-left: 70px;D border-bottom-left-radius: 5%;D
         border-top-left-radius: 5%; box-shadow: -5px 0 10px -2px rgba(0,
0, 0, 0.4); Đ Đ .form-section {Đ width: 50%; Đ Đ
                                                                                                      display:
flex;Đ align-items: center;Đ justify-content: center;Đ
backdrop-filter: blur(10px);D margin-top: 100px;D margin-bottom:
100px;D margin-right: 60px;D border-top-right-radius: 5%;D
border-bottom-right-radius: 5%; D box-shadow: 5px 0 4px -2px rgba(0, (0, 0.3); D } D .form-box {D D background: white; D padding:
                                                          box-shadow: 5px 0 4px -2px rgba(0, 0,
                   width: 100%;Đ
                                         height: 100%;Đ Đ Đ
80px;Đ
                                                                                                  text-align:
center;Đ
                   Ð
                                 color: white; border-top-right-radius: 5%; D
           border-bottom-right-radius: 5%;D box-shadow: 5px 0 4px -2px
rgba(0, 0, 0, 0.3); D h2 {D font-family: 'Times New Roman',
Times, serif; D text-align: center; D font-size: 40px; D
                                color: black;Đ
weight: bold; Đ Đ
                                                                   text-shadow: 0px 4px 10px
rgba(0, 0, 0, 0.1); D D D D font-family: 'Times New Roman'
Times, serif; D text-align: center; D font-size: 20px; D font weight: bold; D color: black; D margin-bottom: 30px; D \} D h4{D
                                                                                                         font-
           font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-
                   color: black; Đ font-size: 19px; Đ font-weight: bold; Đ
           padding-bottom: 20px; D D D h5{D color: black; D
font-weight: bold; \mathbb{D} font-size: 15px; \mathbb{D} \mathbb{D} .signup{\mathbb{D} text-decoration: underline; \mathbb{D} transform: scale(1.05); \mathbb{D} \mathbb{D} .input-group {\mathbb{D} \mathbb{D}
                                                                                               text-
margin-bottom: 15px; D text-align: left; D } D label { D
family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans
Unicode', Geneva, Verdana, sans-serif; padding-bottom: 10px; paddi
                                                                           display: block;Đ
font-weight: bold; D
letter-spacing: 1px; D
                                                                                                                   Ð
           font-size: 16px; D color: black; D } D input { D
                                                                                                       font-
family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif; Đ
           width: 100%; D padding: 12px 15px; D border: none; D
border-radius: 6px;Đ
                                   font-size: 16px;Đ
                                                                           border: 2px solid #ccc;Đ
                                                                       border-color: #667eea;Đ
            }D D .input-group input:hover{D
            box-shadow: Opx Opx 10px rgba(102, 126, 234, 0.5); Đ
```

```
transform:
scale(1.02);Đ
             }Ð input:focus {Ð
                                    outline: none;Đ
                                                        transform:
                 box-shadow: 0px 0px 10px rgba(255, 255, 255, 0.4); D }Đ
scale(1.05);Đ
                 color: red; Đ font-size: 14px; Đ
   .error {Đ
                                                     margin-top:
                                                      Đ align-
5px;Đ }Đ Đ
              .remember-me {Đ
                                  display: flex;Đ
items: center; Đ Đ Đ Đ
                                }D input[type=checkbox]{D
webkit-appearance: checkbox;D
appearance: checkbox; D display: inline-block; D width: auto; D } D
   .remember-me input {Đ
                         margin-right: 8px;Đ
                                                   cursor: pointer;Đ
                 width: 100%;Đ
       left: 0;Đ
background: linear-gradient(to right, #667eea, #764ba2); Đ
                                                        color: white; Đ
      padding: 14px;Đ border: none;Đ
                                            border-radius: 8px;Đ
font-size: 18px;Đ
                 cursor: pointer;Đ
                                          transition: all 0.3s ease-in-
     font-weight: bold; Đ
                              text-transform: uppercase; Đ
                     box-shadow: 0px 5px 15px rgba(102, 126, 234, 0.3); Đ
letter-spacing: 1px;Đ
   }Đ Đ Đ
                        .btn:hover {Đ
                                          background: linear-
margin-top: 15px; D color: #00ff99; D } D
font-weight: bold;Đ
    .forgot \{\mathtt{E}
                   padding-left: 230px;Đ
                                           text-decoration: none;Đ
    .forgot :hover{Đ background: #ff4e88;Đ
                                              transform:
scale(1.05); D D D @media (max-width: 768px) {D
                                                       .container {Đ
          flex-direction: column;Đ
                                         height: auto;Đ
                                                           }Đ
       .image-section {Đ
                              height: 200px;Đ }Đ
                                                           .form-
                 height: auto;Đ
                                       padding: 20px;Đ
section {Đ
                                                           }Đ
                   width: 90%;Đ
       .form-box \{ D \}
                                         \}Đ \}Đ .text-overlay h2
{₱osition: absolute;Đop: 6%;∄eft: 25%;Đransform: translate(-50%, -50%);Đext-
align: center; padding: 20px; border-radius: 10px; btext-overlay h2{bolor:
black; font-weight: bold; font-size: 24px; fext-shadow: 0 0 1px #101111, 0 0 1px
#0e0f0f, 0 0 1px #121313; $\Delta Detext-overlay p {\Delta osition: absolute; Dop: 94%; Deft:
25%; Pransform: translate(-50%, -50%); Pext-align: center; Polor: black; Padding:
20px;Dorder-radius: 10px;Dotext-overlay p{Dont-weight: bold;Dont-size: 20px;D
text-shadow: 0 0 1px #0a1013, 0 0 1px #13171d, 0 0 1px #0e1011; $\Begin{align*} B / \text{style} > D \end{align*}
```

demo\target\classes\static\adminSignup.html

```
<title>Admin Signup Page</title>Bdiv class="container">D
                                                         <div class="text-
                <h2>Start Your Trading Journey with Confidence</h2>Đ
Trade Smart. Grow Fast.
</div>

                                          <div class="image-section">Đ
        <imq src="pics/Screen.gif" alt="img" class="image">D
                                                              </div>Đ <div
class="form-section">Đ <div class="form-box">Đ
                                                      <h2>Admin Sign up</h2>Đ
<form id="adminSignupForm">Đ
                             <div class="input-group">Đ
                                                               <label
                                        <input type="text" class="input-</pre>
for="adminName">Admin Name</label>Đ
style" id="userName" name="adminName" required placeholder="Admin Name">Đ
        <div class="error" id="adminNameError"></div>Đ
                                                       </div>Đ
                           <label for="adminEmail">Email</label>Đ
class="input-group">Đ
<input type="email" id="email" class="input-style" name="email" required</pre>
                           <div class="error" id="adminEmailError"></div>D
placeholder="Email">Đ
</div>Đ
         <div class="input-group">Đ
                                          <label for="adminPhone">Phone
                     <input type="tel" id="phone" class="input-style"</pre>
Number</label>Đ
name="phone" required placeholder="Phone Number">Đ
                                                       <div class="error"</pre>
                                        <div class="input-group">Đ
id="adminPhoneError"></div>Đ
                             </div>Đ
<label for="tradingId">Trading View ID</label>Đ
                                                     <input type="text"</pre>
id="tradingId" class="input-style" name="tradingId" required
placeholder="Trading View ID">Đ </div>Đ <div class="input-group">Đ
<label for="adminPassword">Password</label>Đ
                                                  <input type="password"</pre>
id="password" class="input-style" name="password" required placeholder="Enter
                 <div class="error" id="adminPasswordError"></div>D
Password">Đ
    <div class="input-group">Đ
                                    <label for="confirmPassword">Confirm
Password</label>Đ
                       <input type="password" id="confirmPassword"</pre>
class="input-style" name="confirmPassword" required placeholder="Repeat
Password">Đ
                 <div class="error" id="confirmPasswordError"></div>D
div>Đ
       <div class="referral-section">Đ
                                             <input type="checkbox"</pre>
                             <label for="referralCheckbox">Have a Referral
id="referralCheckbox">Đ
             </div>Đ <div class="input-group" id="referralId"
ID?</label>Đ
style="display: none;">Đ
                              <label for="referral">Referral ID</label>Đ
        <input type="text" class="input-style" id="referral" name="referral"</pre>
                            </div>Đ <button type="submit"
placeholder="Referral ID">Đ
class="btn">Register Admin</button>D/form>Ddiv class="account">D
<h4>Already registered? <a class="signin" href="adminSignin.html">Login</a></
h4>B/div>B/div>B/div>Bscript>D
document.getElementById("referralCheckbox").addEventListener("change",
function () {D    document.getElementById("referralId").style.display =
this.checked ? "block" : "none"; ₱); ₱
document.getElementById("adminSignupForm").addEventListener("submit", async
function (event) {Đ event.preventDefault(); Đ let userName =
document.getElementById("userName").value.trim();D
                                                    let email =
document.getElementById("email").value.trim();D
document.getElementById("phone").value.trim();D
document.getElementById("tradingId").value.trim();D let password =
document.getElementById("password").value.trim();D let confirmPassword =
document.getElementById("confirmPassword").value.trim();D
                                                          let referralId =
document.getElementById("referral").value.trim() | | null;D let namePattern
= /^(?!\s)(?!.*\s\{2,\})[a-zA-Z0-9]+(?<!\s)$/;D
                                               let emailPattern = /^[a-zA-
Z0-9._%+-]+@[a-zA-Z0-9.-]+\\.[a-zA-Z]{2,4}$/;D let phonePattern = /
[6-9]d{9}, if let passwordPattern = /(?=.*[a-z])(?=.*[A-z])(?=.*d)(?
=.*[@$!\%*?\&])[A-Za-z\d@\$!\%*?\&]\{8,\\$/;\D
                                       let isValid = true;D // Clear
previous errorsD document.getElementById("adminNameError").textContent = "";D
   document.getElementById("adminEmailError").textContent = "";D
document.getElementById("adminPhoneError").textContent = "";D
document.getElementById("adminPasswordError").textContent = "";D
document.getElementById("confirmPasswordError").textContent = "";D
namePattern.test(userName)) {Đ
document.getElementById("adminNameError").textContent = "Invalid name!";D
        isValid = false;
```

```
}Đ
                             if (!emailPattern.test(email)) {D
document.getElementById("adminEmailError").textContent = "Invalid Email
Format!";D isValid = false;D }D if (!phonePattern.test(phone)) {D
       document.getElementById("adminPhoneError").textContent = "Invalid
Phone Number!";Đ
                     isValid = false; Đ }Đ
                                           if (!
passwordPattern.test(password)) {Đ
document.getElementById("adminPasswordError").textContent =Đ
"Password must have at least 8 characters, 1 special char, 1 uppercase, 1
lowercase, and 1 number!";D isValid = false;D }D if (password !==
confirmPassword) {Đ
document.getElementById("confirmPasswordError").textContent = "Passwords do
requestData = {Đ userName: userName,Đ
                                         email: email,Đ
phone, Đ
         tradingId: tradingId,D password: password,D
referralId: referralIdD };D try {D
                                       let response = await
fetch("http://localhost:8080/api/admin/signup", {Đ
                                                 method: "POST",Đ
          headers: { "Content-Type": "application/json" },Đ
                                                                   body:
JSON.stringify(requestData)Đ });Đ let data;Đ try {Đ
           data = await response.json();D } catch (jsonError) {D
           console.error("Invalid JSON response", jsonError);D
throw new Error("Invalid server response");Đ }Đ
                                                       if (response.ok) {Đ
           alert(`Admin Registered Successfully! \n\nAdmin Name:
${data.userName} \nAdmin ID: ${data.userId} \nReferral Code:
${data.referralCode}`);D
                               window.location.href = "adminSignin.html"; D
       } else {Đ
document.getElementById("adminEmailError").textContent = data.message | |
                       \}Đ \} catch (error) \{Đ
"Registration failed!";Đ
console.error("Error:", error);
                                  alert("An error occurred while
registering. Please try again.");D }$);B/script>Bstyle>D * {D
                   padding: 0;Đ
margin: 0;Đ
                                  box-sizing: border-box; Đ
          font-family: "Poppins", sans-serif; D
                                                  Ð
                                                          }Đ
                                                                   body {Đ
           height: 150vh;Đ
                                  display: flex;Đ
                                                           justify-
content: center;Đ
                         align-items: center;Đ
                                                       background: #ffff;Đ
           Ð
                      .container {Đ
                                             display: flex;Đ
      }Đ
width: 100%;Đ
                      max-width: 1500px;Đ
                                                 height: 950px;Đ
          box-shadow: 0px 10px 30px rgba(0, 0, 0, 0.1);Đ
                                                                border-
radius: 15px;Đ
                      overflow: hidden;Đ
                                                 background-color:
#f5f5f5;Đ
                  background-image: linear-gradient(30deg, #ececec 12%,
transparent 12.5%, transparent 87%, #ececec 87.5%, #ececec), Đ
linear-gradient(150deg, #ececec 12%, transparent 12.5%, transparent 87%,
#ececec 87.5%, #ececec),Đ
                                    linear-gradient(30deg, #ececec 12%,
transparent 12.5%, transparent 87%, #ececec 87.5%, #ececec), Đ
linear-gradient(150deg, #ececec 12%, transparent 12.5%, transparent 87%,
#ececec 87.5%, #ececec),Đ
                                     linear-gradient(60deg, #dddddd 25%,
transparent 25.5%, transparent 75%, #dddddd 75%, #dddddd),Đ
linear-gradient(60deg, #dddddd 25%, transparent 25.5%, transparent 75%,
#dddddd 75%, #dddddd);Đ
                               background-size: 40px 70px;Đ
background-position: 0 0, 0 0, 20px 35px, 20px 35px, 0 0, 20px 35px; Đ
                                                                       }Đ
                 Ŧ
                        .image-section {Đ
                                                   flex: 1;Đ
width: 65%;Đ
                     background: white; Đ
                                                 margin-top: 60px;Đ
          margin-bottom: 20px;Đ
                                        margin-left: 70px;Đ
border-bottom-left-radius: 5%;D border-top-left-radius: 5%;D
                                                                  hox-
                                                \mathbf{\bar{4}}
shadow: -5px 0 10px -2px rgba(0, 0, 0, 0.4); Đ
                                                        .image{Đ
          height: 370px;Đ
                                   width:38%;Đ
                                                        justify-items:
                 position: absolute;Đ
                                               top: 70%;Đ
                                                                 left:
center; Đ
24%;Đ
              transform: translate(-50%, -50%);Đ }Đ
section {Đ
                 width: 50%;Đ
                                  padding-bottom: 20px;Đ
display: flex;Đ
                        align-items: center; justify-content:
                 background: white;Đ
center;Đ
                                       backdrop-filter: blur(10px);D
           margin-top: 60px;
```

```
margin-right: 80px;Đ
                                      border-top-right-radius: 5%;Đ
margin-bottom: 20px;Đ
border-bottom-right-radius: 5%;D box-shadow: 5px 0 4px -2px rgba(0, 0,
                    }D .form-box {D D background: white;D padding: 60px;D width: 100%;D height: 100%;D justify-content: center;D D text-align: center;D
0, 0.3);Đ
                                       border-top-right-radius: 5%;Đ
                                                                                              border-bottom-
right-radius: 5%;Đ
                                         Ð Ð Ð }Ð
                                                                                                    Đ Đ
                                     font-family: 'Times New Roman', Times, serif; Đ
               h2{Đ
                    text-align: center; Đ font-size: 40px; Đ
                                                                                                                   font-
                                                                                   color: black;Đ
weight: bold; Đ
                                        margin-bottom: 20px;Đ
                    text-shadow: 0px 4px 10px rgba(0, 0, 0, 0.1); Đ Đ
             h4{Đ font-family: 'Franklin Gothic Medium', 'Arial Narrow',
Arial, sans-serif;Đ
                                                 color: black;Đ
                                                                                           font-size: 19px;Đ
                                                                 padding-bottom: 10px;Đ
                    font-weight: bold; Đ
                    'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif;Đ font-weight: bold;Đ
display: block; D margin-bottom: 5px; D font-size: 14px; D
                    color: black; D letter-spacing: 1px; D
                    font-family: 'Gill Sans', 'Gill Sans MT', Calibri,
input {Đ
'Trebuchet MS', sans-serif;Đ width: 100%;Đ padding: 12px
                          border: 2px solid #ccc;Đ
                                                                                     border-radius: 8px;Đ
                    font-size: 16px; D transition: 0.3 ease; D
                           Đ .input-group input:hover{Đ border-color: box-shadow: 0px 0px 10px rgba(102, 126, 234, 0.5);Đ
              }Đ
#667eea;Đ
                    transform: scale(1.02);Đ }Đ
                                                                                           Đ Đ
              .error {Đ color: red;Đ
                    for \{ \emptyset \} color: red;\emptyset \} font-size: 12p margin-top: \{ \emptyset \} \} .referral-section\{ \emptyset \}
                                                                                      font-size: 12px;Đ
display: flex;Đ align-items: center;Đ
                                                                                                 gap: 10px;Đ
                    margin-bottom: 10px;Đ }Đ
                                                                                       Ð
border: none; Đ
                                                             border-radius: 8px;Đ
                    cursor: pointer; Decided radius opx, Decided r
size: 18px;Đ
in-out;Đ
right, #764ba2, #667eea);Đ
                                                            transform: scale(1.05);Đ
shadow: 0px 8px 20px rgba(102, 126, 234, 0.5); Đ Đ
#referralId {Đ
                                       display: none;Đ
                                                                       }Đ
                                                                                                        .account h4{Đ
             padding-top: 10px; D font-size: 16px; D } D text-decoration: none; D font-size: 16px; D } D
                                                                                                           .signin{Đ
            .signin :hover{Đ text-decoration: underline;Đ
                                                                                                     color:
Đ /
#667eea;Đ
                    transition: scale(1.02); D \}D D
                          @media (max-width: 900px) {Đ
Responsive */Đ
                                                                                                    .main-container {Đ
                          flex-direction: column;Đ
                                                                                          width: 90%;Đ
                          height: auto;Đ
                                                                                          .form-container, .image-
                                             width: 100%;Đ
                                                                                      }Đ
container {Đ
                                                                                                         .image-
container {D height: 300px;D }D }D .text-
overlay {D position: absolute;D top: 23%;D left: 26%;D transform:
translate(-50%, -50%);D text-align: center;D color: white;D padding:
20px; D border-radius: 10px; Dtext-overlay h2{D color: black; D D font-
weight: bold; D font-size: 25px; D text-shadow: 0 0 1px #141616, 0 0 1px
#131314, 0 0 1px #121414; D overflow: hidden; D opacity: 0; D transform:
translateX(30px);
```

animation: fadeSlideUp 1.2s ease forwards; $\mathfrak{P}D$.text-overlay p{D color: black; D font-weight: bold; D font-size: 22px; D text-shadow: 0 0 1px #101111, 0 0 1px #000000, 0 0 1px #16191b; D opacity: 0; D transform: translateX(30px); D animation: fadeSlideUp 1.2s ease forwards; D } D @keyframes fadeSlideUp {D to {D opacity: 1; D transform: translateY(0); D } D / Style > D

demo\target\classes\static\admin_dashboard.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>Đ
                                      <meta charset="UTF-8">Đ
<title>Admin Dashboard</title>Đ
                                <link rel="stylesheet" href="https://</pre>
cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.0/css/all.min.css">Đ
<script src="https://kit.fontawesome.com/a076d05399.js"</pre>
crossorigin="anonymous"></script>Đ
                                  <script src="https://</pre>
cdnjs.cloudflare.com/ajax/libs/jspdf/2.5.1/jspdf.umd.min.js"></script>Descript
src="https://cdnjs.cloudflare.com/ajax/libs/jspdf-autotable/3.5.28/
jspdf.plugin.autotable.min.js"></script>Blink rel="stylesheet"
href="admin_dashboard.css">B/head>Bbody>D
                                        <!-- HEADER -->Đ
class="header">Đ
                     <button class="hamburger" id="menuToggle">Đ
<i class="fas fa-bars"></i>Đ
                                </button>Đ
                                                 <div class="logo"><img
src="pics/astrolite tech logo.png" alt="img" class="image"></div>Đ
class="header-title">Admin Management System</div>Đ
                                                      <div class="user-
info-mini">Đ
                     <div class="notification-icon"</pre>
onclick="toggleNotifications()">Đ
                                             Ø=Ý
id="notificationCount">0</span>Đ
                                        </div>Đ
                                                          <div
class="user-data">Đ
                            <span id="headerAdminName"</pre>
class="username">Loading...</span>Đ
                                           <span id="headerAdminRole"</pre>
class="name" style="font-size: 10px; color: black; margin-left:
4px; ">(Admin)</span>Đ
                               </div>Đ
                                            </div>Đ
                                                     </header>Đ
SIDEBAR -->Đ
              <aside class="sidebar" id="sidebar">Đ
                                                       <div
class="sidebar-header">Đ
                                 <div class="user-info">Đ
<div class="user-avatar" id="adminAvatar">A</div>Đ
                                                             <div>Đ
                   <div class="user-name" id="sidebarAdminName">Loading...
div>Đ
                      <div class="user-role" id="sidebarAdminRole">Admin/
div>Đ
                      <div class="user-status" id="adminStatus">Online</div>Đ
               </div>Đ
                                </div>Đ
                                             </div>Đ
                                                          <a href="#" onclick="showModule('dashboardModule')"</pre>
menu">Đ
><i class="fas fa-tachometer-alt" ></i> Dashboard</a>Đ
                                                                  <a
href="#" onclick="showModule('manageUsersModule')" ><i class="fas fa-user-
                                         <a href="#"
cog" ></i> Manage Users</a>Đ
onclick="showModule('reportsModule')"><i class="fas fa-chart-line"></i>
                          <a href="#"
Reports</a>Đ
onclick="showModule('adminProfileModule')"><i class="fas fa-user"></i></i>
                          <a href="#"
Profile</a>Đ
onclick="showModule('settingsModule')" ><i class="fas fa-tools"></i>
Settings</a>Đ
                           <a href="#"
onclick="showModule('chatModule')"><i class="fas fa-comment-sms"></i> Chat</
a>Đ
              </111>Đ
                          <button id="logout" class="logout-btn">Đ
           <i class="fas fa-sign-out-alt"></i> LogoutĐ
                                                          </button>Đ
         <!-- MAIN CONTENT -->Đ
                                 <main class="main-content"
aside>Đ
                       <div id="dashboardModule" class="module"</pre>
id="mainContent">Đ
style="display: block;">Đ
                              <div class="dashboard-header">Đ
                                                                      <h1
class="dashboard-title">Admin Dashboard</h1>Đ
                                                     <div
                                                 </div>Đ
class="breadcrumb">Home > Dashboard</div>Đ
                                                              <div
class="data-card fade-in">Đ
                                   <h2>Session Information</h2>Đ
<div id="sessionDataContainer">Đ
                                            <div class="loading"
id="sessionLoading">Loading...</div>Đ
                                                 <table class="session-
table "id="sessionTable style="display: none;">Đ
                                                                <thead>Đ
                      Đ
                                                     Admin IDĐ
                          Admin NameĐ
                                              Logout TimeĐ
Sign-in TimeĐ
                          RoleĐ
StatusĐ
                                    Đ
                                                            </thead>Đ
                   Đ
                                                Đ
                          Đ
                          Đ
                          Đ
                          Đ
```

```
Đ
                         Đ
                     Đ
                                            Đ
                                                                 </
                                                              <!--
table>Đ
                </div>Đ
                            </div>Đ
                                         </div>Đ
                                                     Đ
Manage Users Section -->Đ <div id="manageUsersModule" class="module"
style="display: none;">Đ <div class="dashboard-header">Đ
class="dashboard-title">Manage Users</h1>Đ
                                           <div class="breadcrumb">Home
                      > Manage Users</div>Đ
Sort Controls for All Users -->Bdiv style="margin-bottom: 15px; display:
flex; gap: 10px; align-items: center;">Đ
                                     <div style="position: relative;">Đ
     <input type="text" id="allUserSearchInput" placeholder="Search by User</pre>
ID, Name, or Role" style="padding-left: 30px;">Đ
                                             <span style="position:</pre>
absolute; left: 8px; top: 50%; transform: translateY(-50%); color: #aaa;">Đ
       Ø=Ý Đ </span>Đ
                     </div>Đ <select id="allUserSortSelect">Đ
<option value="">Sort by</option>Đ
                                  <option value="userId">User ID</option>Đ
     <option value="userName">User Name
                                                 <option</pre>
value="role">Role</option>Đ
                         </select>Đ
                                     <button
onclick="downloadAllUsersReport()" class="download-btn"> Ø=ÜÄ Download All Users</
          Đ </div>Đ Đ Đ <div class="data-card fade-in">Đ
button>Đ
                                                          <h2>User
List</h2>Đ
               <div id="userLoading">Loading users...</div>Đ
                                                              <table
class="session-table" id="userTable" style="display: none;">D
<thead>Đ
                    Đ
                                          User IDĐ
                  User NameĐ
                                                    EmailĐ
                                                RoleĐ
                  Phone
              Đ
                             </thead>Đ
                                               <tbody
                               <!-- User rows will be inserted here -->Đ
id="userTableBody">Đ
                        Đ </div>Đ </div>Đ
          Đ
                                                    ĐĐ
id="reportsModule" class="module" style="display: none; padding: 20px;">Đ
       <h2 style="font-size: 24px; margin-bottom: 20px;">Recent User
                              <div style="margin-bottom: 15px; display:</pre>
Registrations</h2>Đ
                      Ð
flex; gap: 10px; align-items: center;">Đ
                                             <div style="position:</pre>
                      <input type="text" id="searchInput"</pre>
relative;">Đ
placeholder="Search by User ID, Name, or Role" style="padding-left: 30px;">Đ
            <span style="position: absolute; left: 8px; top: 50%;</pre>
transform: translateY(-50%); color: #aaa;">Đ
                                                     Ø=Ý Đ
                                                                 </
span>Đ
               </div>Đ
                               <select id="sortSelect">Đ
<option value="">Sort by</option>Đ
                                          <option value="userId">User
                      <option value="userName">User Name</option>Đ
ID</option>Đ
            <option value="role">Role</option>Đ
                                                     </select>Đ
          <button onclick="downloadUserReport()" class="download-btn">Ø=ÜÄ
                                 </div>Đ
Download User Report (PDF)</button>Đ
                                                    <div
id="recentUsersLoading" class="loading-message">Loading recent users...</div>Đ
       Đ
                                                           <thead>Đ
          Đ
                          User IDĐ
                                                      >User Name>Đ
            RoleĐ
                                    Created AtĐ
                                                                Đ
                        Đ
         </thead>Đ
            </div>Đ
                            <div id="adminProfileModule" class="module"</pre>
Đ
                       Ð
style="display: none;">Đ
                           <div class="dashboard-header">Đ
class="dashboard-title">Admin Profile</hl>Đ
                                                <div
                                            </div>Đ
class="breadcrumb">Home > Profile</div>Đ
                                                       Ð
                                                               <div
class="profile-card">Đ
                           <div class="profile-photo">Đ
                                                               <img
id="profileImage" class="profile-pic" src="pics/
istockphoto-1316947194-612x612.jpg" alt="Profile Image" />Đ
         <div class="profile-details">Đ
                                             <div class="profile-row">Đ
            <span class="profile-label">User ID:</span>Đ
                                                                <span
id="profileUserId">Loading...
                                          </div>Đ
class="profile-row">Đ
                              <span class="profile-label">Name:</span>Đ
            <span id="profileUserName">Loading...</span>Đ
           <div class="profile-row">Đ
```

```
<span class="profile-</pre>
                                 <span id="profileEmail">Loading...</span>Đ
label">Email:</span>Đ
           </div>Đ
                            <div class="profile-row">Đ
class="profile-label">Phone:</span>Đ
                                               <span
id="profilePhone">Loading...</span>Đ
                                             </div>Đ
                                                               <div
                                <span class="profile-label">Role:</span>Đ
class="profile-row">Đ
             <span id="profileRole">Loading...
           <div class="profile-row">Đ
                                                 <span class="profile-</pre>
label">Referral Code:</span>Đ
                                        <span
id="profileReferralCode">Loading...</span>Đ
                                                    </div>Đ
class="profile-row">Đ
                                <span class="profile-label">Created At:
span>Đ
                  <span id="profileCreatedAt">Loading...</span>Đ
                                                                         </
                     </div>Đ
div>Đ
             </div>Đ
                                    </div>Đ
                                               Ð
id="settingsModule" class="module" style="display: none;">Đ
                                                                <div
class="dashboard-header">Đ
                                 <hl class="dashboard-title">Admin
                        <div class="breadcrumb">Home > Settings</div>Đ
Settings</hl>Đ
</div>Đ
                        <!-- Username Section -->Đ
        Ð
                Ð
class="settings-section">Đ
                                  <label>Username:</label>Đ
<span id="currentUsername" class="current-value">Loading.../span>Đ
<div id="usernameEdit" class="edit-section">Đ
                                                          <input
type="text" id="usernameInput" placeholder="Enter new username" />Đ
               <button class="save-button" onclick="saveUsername()">Save/
                      <button class="cancel-button"</pre>
button>Đ
onclick="cancelEdit('username')">Cancel</button>Đ
                                                          </div>Đ
       </div>Đ Đ
                      <!-- Phone Section -->Đ
                                                     <div class="settings-</pre>
                    <label>Phone:</label>Đ
section">Đ
                                                    <span id="currentPhone"</pre>
class="current-value">Loading...
                                                 <div id="phoneEdit"
class="edit-section">Đ
                                   <input type="tel" id="phoneInput"</pre>
placeholder="Enter new phone number" />Đ
                                                    <button class="save-</pre>
button" onclick="savePhone()">Save</button>Đ
                                                         <button
class="cancel-button" onclick="cancelEdit('phone')">Cancel</button>Đ
           </div>Đ
                                   </div>Đ Đ <!-- Single Edit
                           Ð
Button -->Đ <div class="settings-section">Đ
                                               <button class="edit-button"</pre>
id="editProfileBtn" onclick="editProfile()">Edit Profile</button>Đ </div>Đ
       <!-- Profile Picture -->Đ
                                      <div class="settings-section">Đ
           <label>Change Profile Picture:</label>Đ
id="settingsImage" class="profile-pic" src="pics/
istockphoto-1316947194-612x612.jpg" alt="Current Profile Image" />Đ
<input type="file" id="uploadInput" accept="image/*" />Đ </div>Đ
       <div id="settingsStatus" class="status-msg"></div>Đ
                                                           ĐĐ
<div id="successPopup">Đ
                              Đ
                                                                    <button
onclick="closePopup()">OK</button>Đ </div>Đ
                                               </div>Đ
                                                            Ð
               <div id="chatModule" class="module" style="display: none;">Đ
                        <!-- Chat messages will be displayed here -->Đ
       <h2>Chat</h2>Đ
       <div class="chat-box" id="chatBox"></div>Đ
                                                               <!-- Chat
                                                      Ð
input area -->Đ <div class="chat-input-area">Đ
                                                             <input
type="text" id="chatInput" placeholder="Type your message..." />Đ
<button onclick="sendChatMessage()">Send</button>D
                                                 </div>Đ
                                                                    Ð
       <!-- Loading indicator for fetching chat -->Đ
id="loadingIndicator" style="display: none;">Loading...</div>D </div>D
                                                                        Ð
        <!-- Notifications Panel -->Đ
                                        <div id="notificationPanel"</pre>
                                    <h3>Ø=Ý Notifications</h3>Đ
class="notification-panel">Đ
                                                                       <11]
id="adminNotificationList">Đ
                                         <button
                                                position: absolute; D
onclick="closeNotifications()" style="D
                right: 10px;Đ
                                 background: none;Đ
top: 10px;Đ
                                                            border: none;Đ
       font-size: 20px;Đ
                            color: red;Đ
                                               cursor: pointer;Đ
font-weight: bold; D
                            ">x</button>Đ
                                                </div>Đ
                                                         Đ </main>Đ Đ
<script src="admin_dashboard.js"></script>DB/body>B/html>D
```

demo\target\classes\static\admin_dashboard2.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>Đ
                                     <meta charset="UTF-8">Đ
name="viewport" content="width=device-width, initial-scale=1.0">Đ
                             <link rel="stylesheet"</pre>
<title>Admin Dashboard</title>Đ
href="admin dashboard.css">>>D/head>>Dbody>>D
                                       <div class="admin-container">Đ
       <!-- Sidebar -->Đ
                            <aside class="sidebar">Đ
                                                             <h2>Admin
                                      <a href="#">Ø<ßà Dashboard</a>Đ
Panel</h2>Đ
                    Đ
              <a href="#">Ø=ÜË Users</a>Đ
                                                         <a
                                       <a href="#">Ø=Þa Logout</a>Đ
href="#">&™p Settings</a>Đ
                      </aside>Đ
                                     <!-- Main Content -->Đ
           Đ
                                                               <main
class="main-content">Đ
                             <header>Đ
                                                   <h1>Welcome, Admin</
h1>Đ
                 <div class="notification-icon"</pre>
onclick="toggleNotifications()">Đ
                                               Ø=Ý
                                                   <span
id="notificationCount">0</span>Đ
                                          </div>Đ
                                                           </header>Đ
           <!-- Recent Users Table -->Đ
                                              <section class="dashboard-</pre>
                      <h2>Ø=Ül Recent User Signups</h2>Đ
section">Đ
                                                               <div
class="table-container">Đ
                                        Đ
<thead>Đ
                                Đ
User IDĐ
                                           NameĐ
                             EmailĐ
PhoneĐ
                                          Signup TimeĐ
                         Đ
                                                   </thead>Đ
                     Đ
                                                                  <!--
Users will be loaded here dynamically -->Đ
                                                           Đ
                                        </div>Đ
                  Đ
                                                        </section>Đ
           <!-- Notifications Panel -->Đ
                                               <div
id="notificationPanel" class="notification-panel">Đ
                                                            <h3>Ø=Ý
Notifications</h3>Đ
                              <button onclick="closeNotifications()">Close</button>Đ
           </div>Đ
                       </main>Đ
                                 </div>Đ
                                          <script>Đ
Recent Usersasync function fetchRecentUsers() {D
                                              try {Đ
response = await fetch("http://localhost:8080/api/recent-signups");Đ
const users = await response.json();Đ
                                       const userList =
document.getElementById("userList");D
                                       userList.innerHTML = "";Đ
users.forEach(user => {Đ
                               const row = document.createElement("tr");D
          row.innerHTML = `Đ
                                         ${user.userId}Đ
              ${user.userName}Đ
                                                    ${user.email}</
td>Đ
                 ${user.phone}Đ
                                                    ${new}
userList.appendChild(row); D
                                    } catch (error) {Đ
                              });Ð
console.error("Error fetching users:", error);Đ }助/ Fetch Admin
Notifications Dsync function fetch Admin Notifications () {D try {D
response = await fetch("http://localhost:8080/admin-notifications/unread"); D
       const notifications = await response.json();D
notificationList = document.getElementById("adminNotificationList");D
const notificationCount = document.getElementById("notificationCount");D
       notificationList.innerHTML = "";Đ
                                           notificationCount.textContent
= notifications.length; Đ
                            notifications.forEach(notification => {Đ
           const item = document.createElement("li");D
item.innerText = notification.message; D
                                             item.onclick = async () => {Đ
              await markAsRead(notification.id); D
fetchAdminNotifications();Đ
                                  };Ð
notificationList.appendChild(item);D
                                       });D } catch (error) {D
notification as read in the database by sync function markAsRead(notificationId)
                await fetch(`http://localhost:8080/admin-notifications/mark-
as-read/${notificationId}`, {Đ
                                    method: "POST",Đ
                                                             headers:
{ "Content-Type": "application/json" }Đ
                                          });Đ
                                               } catch (error) {Đ
console.error("Error marking notification as read:", error);Đ }₱₱/ Close
Notification PanelĐ
```

```
function closeNotifications() {Đ
document.getElementById("notificationPanel").style.display = "none"; 夢 /
Toggle Notifications Panel Dunction toggle Notifications () {Description of the constitution of the consti
document.getElementById("notificationPanel");D panel.style.display =
panel.style.display === "block" ? "none" : "block"; 勒 / Load Initial Data Đ
fetchRecentUsers(); DetchAdminNotifications(); D    
General Styling */Dody {D font-family: "Poppins", sans-serif;D
                                                                                                                                                                                                                margin: 0;Đ
                                                                                                                background: #f4f4f4;) ₱₱ * Dashboard
             padding: 0; D display: flex; D
Container */Đadmin-container {Đ display: flex;Đ width: 100%;₱₱* Sidebar */Đ
 .sidebar {Đ width: 200px;Đ
                                                                                               background: #2c3e50; D color: white; D
padding: 20px; D height: 100vh; D position: fixed; D
                                                                                                                                                                            left: 0;Đ
                                                                                                                                                                                                                    top: 0;Đ
             animation: slideIn 0.5s ease-in-out; $\Posidebar h2 {P text-align: center; $\Posidebar h2 for te
 .sidebar ul {Đ list-style: none;Đ padding: 0;∌Đsidebar ul li {Đ
padding: 15px;Đ transition: background 0.3s;₱₱sidebar ul li:hover {₱
background: #34495e; Desidebar ul li a {Descolor: white; Desidebar ul li a {Descolor: white; Design and the color: white; Design and
                                                                                                                                                                                          text-decoration:
                         font-weight: bold; **D* Main Content */Dmain-content {D flex: 1; D
margin-left: 250px;Đ padding: 20px;Đ animation: fadeIn 0.8s ease-in-out;₱₱
* Header */header {D display: flex;D
                                                                                                                              justify-content: space-between; Đ
align-items: center; D background: #fff; D padding: 15px; D
                                                                                                                                                                                                   border-radius:
                          box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.1); ₱₽* Notification Icon */Đ
10px;Đ
                                                                        cursor: pointer;D font-size: 22px;D position:
 .notification-icon {Đ
                                                                                                      background: red; D color: white; D
relative; ₱₱notificationCount {Đ
padding: 5px 8px; D border-radius: 50%; D
                                                                                                                                      position: absolute;Đ
                                                                                                                                                                                                                    top: -8px;Đ
             right: -8px;Đ font-size: 14px;₱₱* Dashboard Section */Đdashboard-
section {D margin-top: 20px;D
                                                                                                         background: white; padding: 20px; D
border-radius: 10px;D box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.1);DD* Table
*/Dtable-container {D overflow-x: auto; Dable {D
                                                                                                                                                                  width: 100%;Đ border-
collapse: collapse; → margin-top: 10px; → hbh, td {Ð
                                                                                                                                                                       border: 1px solid #ccc;Đ
             padding: 12px;Đ text-align: left;ĐĐh {Đ background: #2c3e50;Đ
color: white; ₱₱* Notifications */Đnotification-panel {Đ
                                                                                                                                                                                   display: none;Đ
position: fixed; D top: 50px; D right: 20px; D background: white; D
                                                                    width: 320px; D box-shadow: 0px 4px 10px rgba(0, 0,
border-radius: 8px;Đ
0, 0.2);Đ padding: 15px;₱Đnotification-panel ul {Đ
                                                                                                                                                                          list-style: none;Đ
padding: 0; Dnotification-panel ul li {D padding: 10px; D border-bottom:
                                                        cursor: pointer;₱₱* Animations */®keyframes slideIn {Đ
1px solid #ddd;Đ
                                        transform: translateX(-100%); D }D to {D
                                                                                                                                                                                           transform:
from {Đ
translateX(0);D } Dekeyframes fadeIn {D
                                                                                                                                   from \{ \mathfrak{D} )
                                                                                                                                                                                   opacity: 0;Đ
                                     opacity: 1;Đ
                                                                                }∌Ð </style>Ð/body>Ð/html>Ð
to {Đ
```

demo\target\classes\static\forgot.html

```
Ð
                              </div>D <div class="image-section">D
             <div class="form-section">Đ
   </div>Đ
                                             <div class="form-box">Đ
           <h2>Forgotten Password</h2>Đ
                                                Create your new
passwordĐ
                           <!-- Email Verification Section -->Đ
                                                                      <div
id="emailSection">Đ
                            <div class="input-group">Đ
                                                                    <label
for="email">Enter your registered Email</label>Đ
type="email" id="email" required placeholder="Email">Đ
                                                                  <div
class="error" id="emailError"></div>Đ
                                             </div>Đ
                                                               <button
class="btn" onclick="checkEmail()">Verify Email</button>D
                                                             </div>Đ
<!-- Password Reset Section (Hidden Initially) -->Đ
id="resetPasswordSection" style="display: none;">Đ
class="input-group">Đ
                                  <label for="newPassword">New Password/
                     <input type="password" id="newPassword" required</pre>
placeholder="New Password">Đ
                                         <div class="error"
id="passwordError"></div>Đ
                                   </div>Đ
                                                    <div class="input-
group">Đ
                      <label for="confirmNewPassword">Confirm Password/
label>Đ
                     <input type="password" id="confirmNewPassword" required</pre>
placeholder="Confirm Password">Đ
                                            <div class="error"
id="confirmPasswordError"></div>Đ
                                         </div>Đ
class="btn" onclick="resetPassword()">Reset Password</button>D
                                                                  </div>Đ
       <div class="account">Đ
                                      <h5>Remembered your password? <a
class="signin" href="signin.html">Sign In</a></h5>Đ
                                                       </div>Đ
                                     // Verify if the email exists in the
        </div>Đ
                 Ð
                     <script>Đ
database Dunction check Email() {D let email =
document.getElementById("email").value.trim();D
document.getElementById("emailError");D
                                      // Clear previous error messagesĐ
emailError.textContent = "";D fetch("http://localhost:8080/api/verify-
               method: "POST",Đ
email", {Đ
                                     headers: { "Content-Type":
"application/json" },Đ
                          body: JSON.stringify({ email: email })D
    .then(response => response.json())D
                                      .then(data => {Đ
                                                              if
(data.status === "error") {Đ
                                     emailError.textContent = data.message;
                          // Hide email section and show password reset
       } else {Đ
                 document.getElementById("emailSection").style.display =
sectionĐ
"none";Đ
document.getElementById("resetPasswordSection").style.display = "block";D
       console.error("Error:", error);D
       emailError.textContent = "Server error. Please try again.";D
                                                                   });∌⊅/
Reset the password after validation function resetPassword() {₽
newPassword = document.getElementById("newPassword").value.trim();D
                                                                   let.
confirmNewPassword =
document.getElementById("confirmNewPassword").value.trim();D
passwordError = document.getElementById("passwordError");D
confirmPasswordError = document.getElementById("confirmPasswordError");D
Password validation patternĐ
                            let passwordPattern = /^(?=.*[A-Z])(?=.*[a-z])
(?=.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,}$/;D
                                               // Validate new passwordĐ
   if (!passwordPattern.test(newPassword)) {Đ
passwordError.textContent = "Password must be 8+ chars, 1 uppercase, 1
lowercase, 1 number & 1 special char.";Đ
                                           return;Đ } else {Đ
passwordError.textContent = "";D
                                }Đ // Confirm password matchĐ
(newPassword !== confirmNewPassword) {Đ
confirmPasswordError.textContent = "Passwords do not match!";D
                                                                 return;Đ
   } else {Đ
                  confirmPasswordError.textContent = "";D }D
                                                                // Send
the new password to the server for updatingĐ let email =
document.getElementById("email").value.trim();D
                                              fetch("http://
                                       method: "POST",Đ
localhost:8080/api/reset-password", {Đ
                                                                headers:
{ "Content-Type": "application/json" },Đ
                                            body: JSON.stringify({Đ
                                  newPassword: newPasswordĐ
           email: email,Đ
    .then(response => response.json()) D
```

```
.then(data => \{Đ if
(data.status === "success") {D alert("Password updated
again.");D });DD </script>Bstyle>D * {D margin: 0;D padding: 0;D box-sizing: border-box;D font-family: "poppins", sans-serif;D }D body {D display: flex;D justify-content:
center; D align-items: center; D height: 100vh; D background: white; D } D container {D D display: flex; D width: 100%; D
           max-width: 1700px;Đ height: 700;Đ Đ border-radius: 8px;Đ overflow: hidden;Đ box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);Đ
             background-color: #fafafa;Đ
                                                                            background-image: linear-
gradient(135deg, #f5f5f5 25%, transparent 25%),Đ
linear-gradient(225deg, #f5f5f5 25%, transparent 25%),Đ
                                                  linear-gradient(45deg, #f5f5f5 25%, transparent
25%),Đ
                                                           linear-gradient(315deg, #f5f5f5 25%,
transparent 25%);Đ
                                                 background-position: 10px 0, 10px 0, 0 0, 0 0;Đ
                  width: 65%; D flex: 1; D
             background: url("pics/forex\ flaticon.gif ") no-repeat center / 100%
100%; D margin-top: 100px; D margin-bottom: 100px; D margin-
left: 80px;D border-bottom-left-radius: 5%;D border-top-left-radius: 5%;D box-shadow: -5px 0 10px -2px rgba(0, 0, 0, 0.2);D D
                                           width: 50%;Đ Đ display: flex;Đ
             .form-section {Đ
              justify-content: center; Dackdrop-
filter: blur(10px); D margin-top: 100px; D margin-bottom: 100px; D
             margin-right: 80px;Đ Đ Đ Đ .form-box {Đ width: 100%;Đ
             height: 100%; D background: white; D padding: 80px; D
text-align: center; D border-top-right-radius. 5%; D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D text-align: center; D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D text-align: center; D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0, 0.3); D box-shadow: 5px 0 4px -2px rgba(0, 0.3); D box-shadow: 5px 
                                           border-top-right-radius: 5%;D border-bottom-
             \mathbb{D} }\mathbb{D} h2 {\mathbb{D} padding-bottom: 10px;\mathbb{D} text-align: center;\mathbb{D} font-size: 30px;\mathbb{D} font-weight: bold;\mathbb{D} \mathbb{D} color: black;\mathbb{D}
             font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-
serif;D text-align: center;D font-size: 20px;D D
color: black;D margin-bottom: 30px;D }D h4 {D font-family:
'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;D padding-
bottom: 20px;D text-align: center;D margin-bottom: 10px;D
font-weight: bold; \theta font-size: 20px; \theta } \theta . heading \theta padding-bottom: \theta bottom: \theta font-size: \theta margin-bottom: \theta text-align: left; \theta } \theta label \theta font-family: 'Lucida Sans', 'Lucida
Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-
serif;Đ font-weight: bold;Đ display: block;Đ margin-bottom:
                    font-size: 14px; D color: black; D letter-spacing: 1px; D
5px;Đ
                                 font-family: 'Gill Sans', 'Gill Sans MT', Calibri,
     }Đ input {Đ
'Trebuchet MS', sans-serif;Đ width: 100%;Đ padding: 12px 15px;Đ border: 2px solid #ccc;Đ border-radius: 8px;Đ font-size 16px;Đ transition: 0.3 ease;Đ Đ }Đ Đ .input-group
                                                                                                        font-size:
input:hover{D border-color: #667eea;D box-shadow: Opx Opx 10px
rgba(102, 126, 234, 0.5); Đ transform: scale(1.02); Đ Đ
     .error {Đ color: red;Đ font-size: 12px;Đ }Đ .btn {Đ
width: 100%;Đ
                                background: linear-gradient(to right, #667eea, #764ba2); Đ
color: black;Đ padding: 14px;Đ border: none;Đ border-radius: 8px;Đ font-size: 16px;Đ cursor: pointer;Đ
transition: all 0.3s ease-in-out; D font-weight: bold; D
letter-spacing: 1px; D box-shadow: 0px 5px 15px rgba(102, 126, 234, 0.3); D
     }Đ Đ .btn:hover {Đ background: linear-gradient(to right,
#764ba2, #667eea);Đ
```

transform: scale(1.05);Đ box-shadow: 0px 8px display: none; D D .account D padding-top: Dtextalign: center;D }D .account Dfont-size: 16px;Đ }Đ .signin{Đ font-weight: bold; Đ text-decoration: none; Đ font-Ð }Đ Đ .signin :hover{Đ text-decoration: underline; Đ size: 16pxĐ transform: scale(1.05); Đ Ð .text-overlay h2 {₱osition: absolute; Dop: 6%; Deft: 28%; Dransform: translate(-50%, -50%); Dext-align: center; padding: 20px; border-radius: 10px; betext-overlay h2{bolor: black; bontweight: bold; Dont-size: 23px; Dext-shadow: 0 0 1px #121414, 0 0 1px #181b1b, 0 0 1px #0e0f0f; #Dnimation: fadeInOut 2.5s ease-in-out infinite; #D display: inline-block; Detext-overlay p {Dosition: absolute; Dop: 91%; Deft: 28%; D transform: translate(-50%, -50%); Dext-align: center; Padding: 20px; Dorderradius: 10px; Detext-overlay p{Dolor: black; Dont-weight: bold; Dont-size: 21px; D text-shadow: 0 0 1px #161718, 0 0 1px #0f1011, 0 0 1px #171a1b; #2nimation: fadeInOut 2.5s ease-in-out infinite; D display: inline-block; Dekeyframes fadeInOut {D 0% {D opacity: 0;D }D 50% {D opacity: 1;D }D 100% {D opacity: 0;Đ }ĐĐ/style>Đ

demo\target\classes\static\homepage.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>D <meta charset="UTF-8">D <meta
name="viewport" content="width=device-width, initial-scale=1.0">Đ
<title>TradePro - Advanced Trading Platform</title>D <style>D * {D
margin: 0;Đ padding: 0;Đ box-sizing: border-box;Đ
                                                                          font-family:
'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;Đ }Đ Đ body {Đ background-color: \#f0f2f5;Đ color: \#333;Đ }Đ D .navbar {Đ
display: flex; D justify-content: space-between; D align-items: center; D
       background-color: #0a2647;Đ padding: 1rem 2rem;Đ color: white;Đ
       box-shadow: 0 2px 4px rgba(0,0,0,0.1);\tilde{D} }\tilde{D} .logo {\tilde{D}
size: 1.5rem;Đ font-weight: bold;Đ color: white;Đ text-
a {D color: white; D text-decoration: none; D font-weight: 500; D
      transition: color 0.3s ease; \theta \theta .nav-links a:hover \theta
color: \#38bdf8; D }D D .auth-buttons {D display: flex; D gap:
lrem;D }D D .auth-buttons button {D padding: 0.5rem lrem;D
border-radius: 4px;D font-weight: 500;D cursor: pointer;D
transition: all 0.3s ease; Đ Đ .login-btn {Đ background:
transparent; D border: 1px solid white; D color: white; D D
     .login-btn:hover {D background: rgba(255, 255, 255, 0.1);D }D
.signup-btn {Đ background: \#38bdf8;Đ border: none;Đ color: \#0a2647;Đ }Đ Đ .signup-btn:hover {Đ background: \#0ea5e9;Đ }Đ Đ
     .hero {Đ padding: 2rem;Đ background: #0a2647;Đ color: white;Đ
       text-align: center; D padding-bottom: 4rem; D D .hero hl {D
       font-size: 2.5rem; D margin-bottom: 1rem; D } Đ D .hero p {Đ
font-size: 1.1rem; max-width: 800px; margin: 0 auto; margin-
bottom: 2rem; D color: #cbd5e1; D D .get-started {D 0.75rem 1.5rem; D background: #38bdf8; D color: #0a2647; D
none; D border-radius: 4px; D font-weight: 600; D font-size: 1rem; D
       cursor: pointer; D transition: background 0.3s ease; D D D
     .get-started:hover {Đ background: #0ea5e9;Đ }Đ Đ .dashboard {Đ max-width: 1200px;Đ margin: -2rem auto 2rem;Đ padding: 1rem;Đ display: grid;Đ grid-template-columns: repeat(12, 1fr);Đ grid-
gap: 1rem;D }D D .card {D background: white;D border-radius:
8px; D box-shadow: 0 4px 6px rgba(0,0,0,0.1); D padding: 1.5rem; D
transition: transform 0.3s ease, box-shadow 0.3s ease; Đ ĐĐ
    .card:hover {D transform: translateY(-5px);D box-shadow: 0 8px
15px rgba(0,0,0,0.1); \ } \ \ \ D .price-chart {\ \ \ grid-column: span 8; \ \
}D D .market-summary {D grid-column: span 4;D }D D .volume-chart, .technical-indicators {D grid-column: span 6;D }D D .order-
book, .recent-trades {Đ grid-column: span 6;Đ }Đ Đ .news-feed {Đ
       grid-column: span 12;Đ }Đ Đ .card h2 {Đ margin-bottom: lrem;Đ font-size: 1.25rem;Đ color: #0a2647;Đ display: flex;Đ
justify-content: space-between; D align-items: center; D } D D .card
h2 .icon {D color: #64748b; D font-size: 1rem; D cursor: pointer; D
} D D .card h2 .icon:hover {D color: #0a2647; D } D D .table {D
       width: 100%; D border-collapse: collapse; D D .table
th, .table td {Đ padding: 0.75rem;Đ text-align: left;Đ border-
bottom: 1px solid #e2e8f0;D }D D .table th {D font-weight: 600;D color: #64748b;D }D D .up {D color: #10b981;D }D D .down {D color: #ef4444;D }D D .news-item {D display: flex;D gap: 1rem;D margin-bottom: 1rem;D padding-bottom: 1rem;D
border-bottom: 1px solid #e2e8f0;D }D D .news-item:last-child {D margin-bottom: 0;D padding-bottom: 0;D border-bottom: none;D }D D .news-image {D width: 80px;D height: 80px;D background-color: #e2e8f0;D border-radius: 4px;D overflow: hidden;D }D D .news-content h3 {D font-size: 1rem;D margin-bottom: 0.5rem;D }D D
     .news-content p {Đ font-size: 0.875rem;Đ color: #64748b;Đ
margin-bottom: 0.5rem; D
```

```
}Đ Đ .news-content .timestamp {Đ font-size:
         color: #94a3b8;Đ }Đ Đ .footer {Đ background: #0f172a;Đ
0.75rem;Đ
    color: white; D padding: 3rem 2rem; D D .footer-content {D
    max-width: 1200px; D margin: 0 auto; D display: grid; D grid-
template-columns: repeat(4, 1fr); D gap: 2rem; D } D .footer-section h3 {D margin-bottom: 1rem; D font-size: 1.1rem; D } D .footer-section a {D display: block; D color: \#cbd5e1; D text-decoration: none; D margin-bottom: 0.5rem; D transition: color 0.3s ease; D } D D
  .footer-section a:hover {Đ color: \#38bdf8;Đ }Đ D .copyright {Đ
   text-align: center; D margin-top: 2rem; D padding-top: 2rem; D
border-top: 1px solid #1e293b; D color: #94a3b8; D font-size: 0.875rem; D
  }Đ Đ @media (max-width: 768px) {Đ .dashboard {Đ
                                              grid-
}D D @media (max-width: 480px) {D .nav-links {D display: P }D D .footer-content {D grid-template-columns: P }D
   }Đ }Đ </style>B/head>Bbody>Đ <nav class="navbar">Đ <a href="#"
class="logo">Trade<span>Pro</span></a>Ð <div class="nav-links">Ð <a
href="#">Dashboard</a>Ð <a href="#">Markets</a>Ð <a href="#">Trading</
    <a href="#">Portfolio</a>Ð <a href="#">Analytics</a>Ð </div>Ð
<button class="signup-btn">Sign Up</button>D </div>D </nav>D D <section</pre>
class="hero">Đ <hl>Professional Trading at Your Fingertips</hl>Đ
Access real-time market data, advanced charting tools, and insightful
started">Get Started Now</button>Đ </section>Đ Đ <div class="dashboard">Đ
style="height: 320px;"></div>Đ </div>Đ div class="card market-
summary">Đ <h2>Market Summary <span class="icon">&#8942;</span></h2>Đ
Đ <thead>Đ
                            Đ
                                           SymbolĐ
        PriceĐ
                     24h ChangeĐ
                                               Đ
             Đ
                            Đ
     </thead>Đ
                                 BTC/USD
        48,236.75Đ
                             +2.34%Đ
          Đ
                    ETH/USDD 3,152.89D
</t.r>Ð
        +1.78%Đ 
                                          Đ
        SOL/USDĐ
                          103.42
                                               <td
class="down">-0.86%Đ
                                  Đ
                       Đ
                                             XRP/USD</
td>Đ
          0.5724
                             +0.43%Đ
Đ
          Đ DOT/USDĐ
                                        6.87
        -1.21%Đ
                               Đ
                                            Đ
        </div>Đ Odiv class="card volume-chart">Đ
Đ
                                            <h2>Trading
Volume <span class="icon">&#8942;</span></h2>Đ <div id="volume-chart-
container" style="height: 250px;"></div>Đ </div>Đ div class="card
                 <h2>Technical Indicators <span
technical-indicators">Đ
class="icon">%#8942;</span></h2>Đ <div id="indicators-chart-container"
style="height: 250px;"></div>Đ </div>Đ Order-book">Đ
    <h2>Order Book <span class="icon">&#8942;</span></h2>Đ <div</pre>
id="order-book-chart" style="height: 250px;"></div>Đ </div>Đ
class="icon">⋮</span></h2>Đ Đ
                                             <thead>Đ
                 TimeĐ
                                  PriceĐ
       Đ
AmountĐ
                 Đ </thead>Đ
                                                  Đ
                                     Đ
        14:32:45Đ
                            48,236.75Đ
        0.0546
                         Đ
                                Đ
0.1250
                 Đ
                           Đ
                                      14:31:58
        48,228.35Đ
```

```
0.0387
                                   14:31:42
        Đ
                     Đ
                                                             <td
class="up">48,240.60
                                0.2145
                                                     Đ
                                       48,245.15Đ
             14:31:23
Đ
          0.0833
                               Đ
                                           Đ Đ </
      Đ Đ </div>Đ Đ <footer class="footer">Đ
                                           <div class="footer-content">Đ
     <div class="footer-section">D <h3>TradePro</h3>D
href="#">About Us</a>Đ <a href="#">Careers</a>Đ
                                                <a
                      <a href="#">Blog</a>Đ </div>Đ
href="#">Press</a>Đ
                                                             <div
                                                       Ð
                                               <a href="#">Exchange</
class="footer-section">Đ
                      <h3>Products</h3>Đ
        <a href="#">Institutional Services</a>Đ
                                                <a href="#">API</a>Đ
       <a href="#">Mobile App</a>Đ </div>Đ
                                            Ð
                                               <div class="footer-
              <h3>Support</h3>Đ
section">Đ
                                  <a href="#">Help Center</a>Đ
<a href="#">Contact Us</a>Đ <a href="#">FAQ</a>Đ
                                                   <a
href="#">Security</a>Ð </div>Ð div class="footer-section">Ð
                      <a href="#">Terms of Service</a>Đ <a
       <h3>Legal</h3>Đ
href="#">Privacy Policy</a>Đ
                           <a href="#">Risk Disclosure</a>Ð
                                                                <a
href="#">Cookie Policy</a>Đ
                           </div>Đ </div>Đ div
class="copyright">Đ © 2025 TradePro. All rights reserved.Đ
                                                            </div>Đ
</footer>D <script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/3.9.1/</pre>
chart.min.js"></script>Đ <script>Đ // Price ChartĐ const priceCtx =
document.createElement('canvas');D document.getElementById('price-chart-
container').appendChild(priceCtx);D D const priceLabels =
Array.from(\{length: 30\}, (\_, i) \Rightarrow i + 1\}) const priceData = [\emptyset
                                                             46720,
46850, 47100, 46900, 47300, 47200, 47500, 47450, 47800, 47750, Đ 47900,
47850, 48000, 48150, 48050, 48200, 48100, 48350, 48250, 48400,Đ 48300,
48150, 48250, 48350, 48237, 48300, 48150, 48237, 48150, 48236Đ ];Đ
labels:
priceLabels,Đ
                datasets: [{Đ
                                   label: 'BTC/USD Price',Đ
                 borderColor: '#38bdf8',Đ backgroundColor:
data: priceData,Đ
'rgba(56, 189, 248, 0.1)',Đ
                              tension: 0.4,Đ
                                                   fill: true,Đ
                             borderWidth: 2Đ
        pointRadius: 0,Đ
                                                 }]Ð
                                                     },Đ
              responsive: true,Đ maintainAspectRatio: false,Đ
options: {Đ
plugins: {Đ
               legend: \{D
                                   display: falseD },D
tooltip: {Đ
                 mode: 'index',Đ
                                    intersect: falseĐ
                                                                }Đ
               {	t scales:}\ {	t \{ D }
                               x \colon \{D
                                           display: true,Đ
         grid: {Đ
                            display: falseĐ
                                                  }Đ
                                                             },Đ
                     display: true,Đ
        y: {Đ
                                             grid: {Đ
color: 'rgba(0, 0, 0, 0.05)'Đ
                              }Đ
                                            }Đ
                                                   }Đ
                                                          }Đ
                                                             });Ð
      // Volume ChartD const volumeCtx = document.createElement('canvas');D
   document.getElementById('volume-chart-container').appendChild(volumeCtx);D
   D const volumeLabels = ['Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun',
'Jul', 'Aug', 'Sep', 'Oct', 'Nov', 'Dec']; D const volumeData = [850, 750, 820, 780, 880, 930, 920, 1020, 980, 925, 970, 1050]; D new
Chart(volumeCtx, {Đ type: 'bar',Đ data: {Đ
                                                labels: volumeLabels,Đ
                          label: 'Trading Volume (millions USD)',Đ
      datasets: [{Đ
                               backgroundColor: '#38bdf8',Đ
        data: volumeData,Đ
                                             responsive: true,Đ
borderRadius: 4Đ
                           },Đ options: {Đ
               } ]Ð
      maintainAspectRatio: false,Đ
                                  plugins: {Đ legend: {Đ
          display: falseĐ
                              }Đ
                                    },Ð
                                               scales: {Đ
                                                                x: {Đ
                                                }Đ
          grid: {Đ
                            display: falseĐ
                                                             },Đ
        y: {Đ
                                       color: 'rgba(0, 0, 0, 0.05)'Đ
                      grid: {Đ
                           \} \mathbb{D}
                    }Đ
                                }Đ });Đ Đ // Technical
          }Đ
                const indicatorsCtx = document.createElement('canvas');D
Indicators ChartĐ
   document.getElementById('indicators-chart-
```

Array.from({length: 20}, (_, i) => i + 1);D const priceDataShort =

if (i >= 4) {Đ

priceData.slice(-20);D const smaData = [];D const emaData = [];D D // Calculate SMA and EMAD for (let i = 0; i < priceDataShort.length; i++) $\{D \in \mathbb{R} \mid D \in \mathbb{R} \}$

```
// Simple 5-day moving averageĐ const sma =
(priceDataShort[i] + priceDataShort[i-1] + priceDataShort[i-2] +
} else {Đ smaData.push(null);Đ
                                        }Đ
                                               Ð
                                                    // Simple EMA
                 approximationĐ
     } else {Đ
                const k = 2 / (10 + 1); // 10-day EMA factorĐ
const ema = priceDataShort[i] * k + emaData[i-1] * (1-k); D
'line',Đ
        data: {Đ
                     labels: indicatorLabels,Đ datasets: [Đ
                    label: 'Price',Đ
                                            data: priceDataShort,Đ
          borderColor: '#38bdf8',Đ
                                          borderWidth: 2,Đ
                      pointRadius: 0Đ
                                           },Đ
tension: 0.1,Đ
                                                      {Đ
label: 'SMA (5)',Đ
                        data: smaData,Đ
                                                 borderColor: '#ef4444',Đ
                                                         pointRadius: 0Đ
          borderWidth: 2,Đ
                                  tension: 0.1,Đ
                              label: 'EMA (10)',Đ
                                                          data:
                   {Đ
                 borderColor: '#10b981',Đ
                                                 borderWidth: 2,Đ
emaData.Đ
                                pointRadius: 0Đ
          tension: 0.1,Đ
                                                   }Ð ]Ð
           options: \{\mathtt{D} plugins: \{\mathtt{D}
                            responsive: true,Đ
     },Đ
                                                  maintainAspectRatio:
                                                  mode: 'index', D
                             tooltip: {Đ
false,Đ
          intersect: falseĐ
                                                   scales: {Đ
                                          },Đ
                                 }Đ
                                 display: falseĐ
             grid: {Đ
                                                        }Đ
x: {Đ
         y: {Đ
                       grid: {Đ
                                         color: 'rgba(0, 0, 0, 0.05)'Đ
          \}Đ
                    }Đ
                           }Đ
                                 }D });D D // Order Book ChartD
const orderBookCtx = document.createElement('canvas');D
document.getElementById('order-book-chart').appendChild(orderBookCtx);D
const askPrices = [48240, 48250, 48260, 48270, 48280, 48290, 48300, 48310,
48320, 48330]; \triangle const askVolumes = [1.2, 2.5, 3.8, 4.2, 5.5, 6.1, 7.4, 8.2, 9.5, 10.8]; \triangle \triangle const bidPrices = [48230, 48220, 48210, 48200, 48190,
48180, 48170, 48160, 48150, 48140]; D const bidVolumes = [1.5, 2.8, 3.6,
4.5, 5.3, 6.7, 7.9, 8.6, 9.3, 10.5]; Đ new Chart(orderBookCtx, {Đ
type: 'bar',Đ
               data: {Đ labels:
[...bidPrices.reverse(), ...askPrices],Đ
                                          datasets: [Đ
                                                             {Đ
          label: 'Bids',Đ
                                 data:
[...bidVolumes.reverse(), ...Array(askPrices.length).fill(null)],D
backgroundColor: '#10b981'D }, D {D label: 'Asks', D}
          data: [...Array(bidPrices.length).fill(null), ...askVolumes],D
          backgroundColor: \#ef4444\oplus }\emptyset
options: {Đ responsive: true,Đ
                                      maintainAspectRatio: false,Đ
indexAxis: 'x',Đ
               plugins: {Đ
                                     tooltip: {Đ
                                                         callbacks: {Đ
            title: function(tooltipItems) {Đ
                                                      return 'R' +
tooltipItems[0].label;Đ
                                                             },Đ
                               }Đ
                                            }Đ
                                      stacked: true,Đ
       scales: {Đ
                        x: {Đ
                                                              grid: {Đ
                                    },Đ
            display: falseĐ
                                                ticks: {Đ
callback: function(value, index) {Đ
                                             const allLabels =
                                                 // Show fewer ticks
[...bidPrices.reverse(), ...askPrices];Đ
                          if (index === 0 || index === 9 || index === 10
for readabilityĐ
|| index === 19) {Đ
                                return 'R' + allLabels[index]; D
                             return '';Đ
             }Đ
                   y: {Đ
                             stacked: true,Đ
                                                         grid: {Đ
            color: 'rgba(0, 0, 0.05)'Đ },Đ
                                                             title: {Đ
            display: true,Đ
                                text: 'Volume'Đ
                                                             }Đ
                 }D }D });D </script>D/body>D/html>
         }Đ
```

demo\target\classes\static\manageUsers.html

```
<!-- manageUsers.html (already correct!) --> #Ddiv class="dashboard-header"> Đ
<h1 class="dashboard-title">Manage Users</h1>Đ
                                                                         <div class="breadcrumb">Home
> Manage Users</div>D/div>Ddiv class="data-card fade-in">D
                   <div id="userLoading">Loading users...</div>Đ
class="session-table" id="userTable" style="display: none;">Đ
                                                                                                       <thead>Đ
                                                User IDĐ
                                                                                                 User
NameĐ
                                      EmailĐ
                                                                                   PhoneĐ
                        RoleĐ
                                                              Đ
                                                                                  </thead>Đ
                                               <!-- User rows will be inserted here -->Đ
id="userTableBody">Đ
            Đ
                             B/div>Bscript>Đ
                                                                   async function loadUsers() {Đ
            const loadingDiv = document.getElementById("userLoading");D
const table = document.getElementById("userTable");D
document.getElementById("userTableBody");D
                                                                         loadingDiv.style.display =
                        table.style.display = "none"; D
                                                                                                          const
response = await fetch("http://localhost:8080/api/all-users");Đ
                                                                                                                if
(!response.ok) throw new Error("Failed to fetch users"); Đ
                                                                                                       const
                                                               tbody.innerHTML = "";Đ
users = await response.json();Đ
users.forEach(user => {Đ
                                                          const row =
document.createElement("tr");D
                                                                    row.innerHTML = `Đ
                              ${user.userId}Đ
${user.userName}
                                                                    ${user.email}
                              ${user.phone}Đ
                                                                                             ${user.role}
Đ
                                                          tbody.appendChild(row); D
                  loadingDiv.style.display = "none";D
                                                                                      table.style.display
= "table";Đ
                           } catch (error) {Đ
                                                                      console.error("Error loading
users:", error);Đ
                                          loadingDiv.innerText = "Error loading user data.";D
           }Đ
                  }Đ
                         document.addEventListener("DOMContentLoaded", loadUsers); 10/
                         Đ Đ * {margin: 0; padding: 0; box-sizing: border-box; Đ
script>Bstyle>Đ
font-family: 'Segoe UI', sans-serif; Dody (Display: flex; Dackground: #f5f7fa; D
height: 100vh; Dverflow: hidden; Dheader {Dosition: fixed; Dop: 0; Deft: 0; D
width: 100%; Decight: 60px; Dackground: #2e3a59; Dolor: white; Display: flex; Dlign-
items: center; padding: 0 20px; p-index: 1000; pox-shadow: 0 2px 5px rgba(0, 0,
0, 0.1);∌Đuser-role {Đ font-size: 12px;Đ color: #888;Đ margin-top: 2px;∌Đ
.hamburger {Dackground: none;Dorder: none;Dolor: white;Dont-size: 22px;D
cursor: pointer; margin-right: 15px; Dheader-title {Dont-size: 20px; Dlex: 1; Dont-size: 20px; Dlex: 20px; Dlex:
.user-info-mini {Display: flex;Dlign-items: center;Dont-size: 16px;Dont-
weight: 600; justify-content: center; jap: 10px; juser-info-mini .name { Dext-
align: center; Desidebar {Desition: fixed; Dep: 60px; Deft: 0; Didth: 240px; D
height: calc(100% - 60px); background: #1c2536; bolor: #fff; bransition:
transform 0.3s ease-in-out; Deverflow-y: auto; D-index: 999; Dsidebar.active {D
transform: translateX(-100%); $\D$sidebar-header {\D}adding: 20px; \D$order-bottom:
lpx solid #333; Duser-info (Display: flex; Dlign-items: center; Duser-avatar (D
background: #f39c12; Dolor: white; Dont-weight: bold; Didth: 45px; Deight: 45px; D
border-radius: 50%; Display: flex; Dlign-items: center; Dustify-content: center; D
margin-right: 15px; font-size: 20px; animation: popIn 0.4s ease; Duser-name {D
font-size: 16px; Dont-weight: bold; Duser-status {Dont-size: 13px; Dolor:
lightgreen; PDnav-menu {Dist-style: none; Padding: 10px 0; PDnav-menu li a {D
display: flex; plign-items: center; padding: 12px 20px; polor: #ccc; pext-
decoration: none; Dransition: background 0.3s; Dnav-menu li a:hover, Dnav-menu
li a.active {Background: #34495e;Bolor: #fff; Dnav-menu i {Bargin-right: 12px; D
}Đlogout-btn {Đidth: 90%; Bargin: 20px auto; Bisplay: flex; Blign-items: center; Đ
justify-content: center; Dackground: #e74c3c; Dolor: white; Dorder: none; D
padding: 12px; border-radius: 6px; bont-size: 16px; bursor: pointer; bransition:
background 0.3s ease; Delogout-btn: hover Deackground: #c0392b; Demain-content De
margin-left: 240px;padding: 80px 30px;Didth: 100%;Dverflow-y: auto;D
transition: margin-left 0.3s ease-in-out; Demain-content.expanded {Deargin-
left: 0; Dashboard-header { Margin-bottom: 20px; Danimation: fadeInUp 0.5s ease; D
}Đdashboard-title {Đont-size: 28px;Đargin-bottom: 5px;ÞĐbreadcrumb {Đolor:
#888;Đ
```

}Đdata-card {Đackground: white;Đadding: 25px;Đorder-radius: 10px;Đoxshadow: 0 3px 10px rgba(0,0,0,0.05); nimation: fadeIn 1s ease; Doading {Đ padding: 10px; Bolor: #333; \$Dsession-table {Didth: 100%; Border-collapse: collapse: Margin-top: 15px; Dession-table th, Dession-table td {Deadding: 12px; D border: 1px solid #ddd; Dext-align: center; Desession-table th {Deackground: #2e3a59; Doolor: white; Desession-table td {Dont-size: 15px; De Notification Icon */Đnotification-icon {Đursor: pointer;Đont-size: 22px;Đosition: relative;Đ }pnotificationCount {background: red; bolor: white; padding: 2px 6px; borderradius: 50%; position: absolute; pop: -8px; pight: -8px; pont-size: 12px; pp* Notifications */Dnotification-panel {Display: none; Dosition: fixed; Dop: 50px; D right: 20px; Dackground: white; Dorder-radius: 8px; Didth: 320px; Dox-shadow: 0px 4px 10px rgba(0, 0, 0, 0.2); padding: 15px; ponotification-panel ul {biststyle: none; padding: 0; ponotification-panel ul li {padding: 10px; borderbottom: 1px solid #ddd; Dursor: pointer; Dekeyframes fadeIn {Drom {opacity: 0; transform: translateY(10px);}Do {opacity: 1; transform: translateY(0);}DD @keyframes fadeInUp { \mathfrak{F} rom {opacity: 0; transform: translateY(20px);} \mathfrak{D} o {opacity: 1; transform: translateY(0);}} Φ keyframes popIn { Φ % { transform: Responsive */media (max-width: 768px) {Disidebar {Disid transform: translateX(-100%); \$\Disidebar.active {D transform: translateX(0); \$\Disidebar.active {D transform: translateX(0); }\Disidebar.active {D translateX(0); }\Disideb content {D margin-left: 0;D padding: 70px 20px; } B/Style>B/style>D

demo\target\classes\static\modules\manageUsers.html

```
<!-- manageUsers.html (already correct!) --> #Ddiv class= "dashboard-header" > D
<h1 class="dashboard-title">Manage Users</h1>Đ
                                                                                                 <div class="breadcrumb">Home
> Manage Users</div>D/div>Ddiv class="data-card fade-in">D
                         <div id="userLoading">Loading users...</div>D <table</pre>
class="session-table" id="userTable" style="display: none;">Đ
                                                                                                                                         <thead>Đ
                                                                User IDĐ
                                                                                                                                 User
NameĐ
                                                  EmailĐ
                                                                                                               PhoneĐ
                                RoleĐ
                                                                                   Đ
                                                                                                             </thead>Đ
                                                               <!-- User rows will be inserted here -->Đ
id="userTableBody">Đ
                Đ
                                      B/div>Bscript>Đ
                                                                                          async function loadUsers() {Đ
                const loadingDiv = document.getElementById("userLoading");D
const table = document.getElementById("userTable");D
document.getElementById("userTableBody");D
                                                                                                  loadingDiv.style.display =
                                table.style.display = "none"; D
                                                                                                                                             const
response = await fetch("http://localhost:8080/api/all-users");Đ
                                                                                                                                                     if
(!response.ok) throw new Error("Failed to fetch users"); Đ
                                                                                                                                         const
                                                                                     tbody.innerHTML = "";Đ
users = await response.json();Đ
users.forEach(user => {Đ
                                                                              const row =
document.createElement("tr");D
                                                                                          row.innerHTML = `Đ
                                        ${user.userId}Đ
${user.userName}
                                                                                          ${user.email}
                                        ${user.phone}Đ
                                                                                                                            ${user.role}
Đ
                                                                              tbody.appendChild(row);
                        loadingDiv.style.display = "none";D
                                                                                                                   table.style.display
= "table";Đ
                                    } catch (error) {Đ
                                                                                              console.error("Error loading
users:", error);Đ
                                                        loadingDiv.innerText = "Error loading user data.";D
               }Đ
                       }Đ
                                 Đ Đ * {margin: 0; padding: 0; box-sizing: border-box; Đ
script>Bstyle>Đ
font-family: 'Segoe UI', sans-serif; Dody (Display: flex; Dackground: #f5f7fa; D
height: 100vh; Dverflow: hidden; Dheader {Dosition: fixed; Dop: 0; Deft: 0; D
width: 100%; Decight: 60px; Dackground: #2e3a59; Dolor: white; Display: flex; Dlign-
items: center; padding: 0 20px; p-index: 1000; pox-shadow: 0 2px 5px rgba(0, 0,
0, 0.1);∌Đuser-role {Đ font-size: 12px;Đ color: #888;Đ margin-top: 2px;∌Đ
.hamburger {Dackground: none;Dorder: none;Dolor: white;Dont-size: 22px;D
cursor: pointer; margin-right: 15px; Dheader-title {Dont-size: 20px; Dlex: 1; Dont-size: 20px; Dlex: 20px; Dlex:
.user-info-mini {Display: flex;Dlign-items: center;Dont-size: 16px;Dont-
weight: 600; justify-content: center; jap: 10px; juser-info-mini .name { Dext-
align: center; Desidebar {Desition: fixed; Dep: 60px; Deft: 0; Didth: 240px; D
height: calc(100% - 60px); background: #1c2536; bolor: #fff; bransition:
transform 0.3s ease-in-out; Deverflow-y: auto; D-index: 999; Dsidebar.active {D
transform: translateX(-100%); $\D$sidebar-header {\D}adding: 20px; \D$order-bottom:
lpx solid #333; Duser-info (Display: flex; Dlign-items: center; Duser-avatar (D
background: #f39c12; Dolor: white; Dont-weight: bold; Didth: 45px; Deight: 45px; D
border-radius: 50%; Display: flex; Dlign-items: center; Dustify-content: center; D
margin-right: 15px; font-size: 20px; animation: popIn 0.4s ease; Duser-name {D
font-size: 16px; Dont-weight: bold; Duser-status {Dont-size: 13px; Dolor:
lightgreen; Denav-menu {Dist-style: none; Dadding: 10px 0; Denav-menu li a {Denav-menu li a
display: flex; plign-items: center; padding: 12px 20px; polor: #ccc; pext-
decoration: none; Dransition: background 0.3s; Dnav-menu li a:hover, Dnav-menu
li a.active {Background: #34495e;Bolor: #fff; Dnav-menu i {Bargin-right: 12px; D
}Đlogout-btn {Đidth: 90%; Bargin: 20px auto; Bisplay: flex; Blign-items: center; Đ
justify-content: center; Dackground: #e74c3c; Dolor: white; Dorder: none; D
padding: 12px; border-radius: 6px; bont-size: 16px; bursor: pointer; bransition:
background 0.3s ease; Delogout-btn: hover Deackground: #c0392b; Demain-content De
margin-left: 240px;padding: 80px 30px 30px;Didth: 100%;Dverflow-y: auto;D
transition: margin-left 0.3s ease-in-out; Demain-content.expanded {Deargin-
left: 0; Dashboard-header { Margin-bottom: 20px; Danimation: fadeInUp 0.5s ease; D
}Đdashboard-title {Đont-size: 28px;Đargin-bottom: 5px;ÞĐbreadcrumb {Đolor:
#888;Đ
```

}Đdata-card {Đackground: white;Đadding: 25px;Đorder-radius: 10px;Đoxshadow: 0 3px 10px rgba(0,0,0,0.05); nimation: fadeIn 1s ease; Doading {Đ padding: 10px; Bolor: #333; \$Dsession-table {Didth: 100%; Border-collapse: collapse: Margin-top: 15px; Dession-table th, Dession-table td {Deadding: 12px; D border: 1px solid #ddd; Dext-align: center; Desession-table th {Deackground: #2e3a59; Doolor: white; Desession-table td {Dont-size: 15px; De Notification Icon */Đnotification-icon {Đursor: pointer;Đont-size: 22px;Đosition: relative;Đ }pnotificationCount {background: red; bolor: white; badding: 2px 6px; borderradius: 50%; position: absolute; pop: -8px; pight: -8px; pont-size: 12px; pp* Notifications */Dnotification-panel {Display: none; Dosition: fixed; Dop: 50px; D right: 20px; Dackground: white; Dorder-radius: 8px; Didth: 320px; Dox-shadow: 0px 4px 10px rgba(0, 0, 0, 0.2); padding: 15px; ponotification-panel ul {biststyle: none; padding: 0; ponotification-panel ul li {padding: 10px; borderbottom: 1px solid #ddd; Dursor: pointer; Dekeyframes fadeIn {Drom {opacity: 0; transform: translateY(10px);}Do {opacity: 1; transform: translateY(0);}DD @keyframes fadeInUp { \mathfrak{F} rom {opacity: 0; transform: translateY(20px);} \mathfrak{D} o {opacity: 1; transform: translateY(0);}} Φ keyframes popIn { Φ % { transform: Responsive */media (max-width: 768px) {Disidebar {Disid transform: translateX(-100%); \$\Disidebar.active {D transform: translateX(0); \$\Disidebar.active {D transform: translateX(0); }\Disidebar.active {D translateX(0); }\Disideb content {D margin-left: 0;D padding: 70px 20px; } B/Style>B/style>D

demo\target\classes\static\signin.html

```
<title>Signin Page</title>Bdiv class="container">D
class="text-overlay">Đ
                                                 </div>Đ <div class="image-section">Đ
                                          Ð
                                      <div class="form-section">Đ
                </div>Đ Đ
                                                                                      Ð
class="form-box">Đ
                                              <h2>Welcome Back!</h2>Đ
ContinueĐ
                                      Đ
                                                        Ð
                                                                             <form id="signinForm">Đ
                         <div class="input-group">Đ
for="userid">Username</label>Đ
                                                                              <input type="text"</pre>
id="userid" name="userid" placeholder="Enter Username, Email, or Phone"
                                              <div class="error" id="useridError"></div>Đ
required>Đ
                         </div>Đ
                                                             <div class="input-group">Đ
                                <label for="password">Password</label>Đ
<input type="password" id="password" name="password" placeholder="Enter</pre>
Password" required>Đ
                                                               <div class="error"
id="passwordError"></div>Đ
                                                                  </div>Đ
class="remember-me">Đ
                                                                <input type="checkbox"</pre>
id="rememberMe">Đ
                                                         <label for="rememberMe">Remember Me
label>Đ
                                         <h5><a href="forgot.html" class="forgot">Forgot
Password?</a></h5>Đ
                                                      </div>Đ
                                                                                          <button type="submit"</pre>
class="btn">Sign In</button>Đ
                                                                      <div id="result"></div>Đ
                         <h5>Don't have an account? <a class="signup"
href="signup.html">Sign Up</a></h5>Đ
                                                                           </form>Đ
                                                                                                   </div>Đ
                                                                                                                   </div>Đ
             </div> Đ Đ <script>Đ
document.getElementById("signinForm").addEventListener("submit", async
function (event) {D     event.preventDefault(); // Prevent default form
                      let enteredValue =
submissionĐ
document.getElementById("userid").value.trim();D let enteredPassword =
document.getElementById("password").value.trim();D let resultDiv =
document.getElementById("result");D
                                                          // Clear previous errorsĐ
document.getElementById("useridError").textContent = "";D
document.getElementById("passwordError").textContent = ""; D
resultDiv.textContent = "";D if (enteredValue === "" || enteredPassword ===
                   resultDiv.textContent = "Please fill in all fields."; D
resultDiv.style.color = "red"; D return; D
                                                                            }Đ
                                                                                    try {Đ
response = await fetch("http://localhost:8080/api/signin", {Đ
method: "POST",Đ
                                        headers: {Đ
                                                                                     "Content-Type":
"application/json"Đ
                                                                      body: JSON.stringify({Đ
                                               },Đ
                         userid: enteredValue,Đ
                                                                                    password: enteredPasswordĐ
                                });Ð
                                                   let result = await response.json();D
if (result.message === "Login successful") {Đ
                                                                                         resultDiv.textContent
= "Login successful! Redirecting..."; Đ
                                                                              resultDiv.style.color =
                              // ' Store data in sessionStorageĐ
"green";Đ
sessionStorage.setItem("userId", result.userId);D
sessionStorage.setItem("userName", result.userName);D
localStorage.setItem("userId", result.userId);D
localStorage.setItem("userName", result.userName);D
                                                                                                                     ĐĐ
                   localStorage.setItem("loggedInUser", enteredValue);D
                                                      window.location.href
setTimeout(() => {Đ
="user_dashboard3.html"; // Redirect to dashboardĐ
                                                                                                  }, 1500);Đ
                                           resultDiv.textContent = result.message;D
             } else {Đ
                   resultDiv.style.color = "red"; D } D } catch (error) {D
            console.error("Error:", error);D resultDiv.textContent =
error. Please try again later.";D resultDiv.style.color = "red";D
"Server error. Please try again later.";Đ
      \\Phi\);\(\text{\text{P}}\) \(\text{P}\) \(\text{Testile No. Style \cdot Color = red result \(\text{DIV. Style \cdot Color = red red result \(\text{DIV. Style \cdot Color = red result \(\text{DIV. Style = \cdot Color = red result \(\text{DIV.
                                                            font-family: "Poppins", sans-serif;D
            box-sizing: border-box;Đ
                               body {Đ
                                           height: 100vh;Đ
                                                                                background: #ffff;Đ
align-items: center;Đ
                                     display: flex;Đ
                                                                        width: 100%;Đ
      .container {Đ
                                                                                                          max-width:
1700px;Đ
                    height: 700px; box-shadow: 0px 4px 10px rgba(0, 0, 0,
0.1); D
```

```
border-radius: 15px;Đ
                                     overflow: hidden;Đ
background-color: #f0f5ff;D background-image: D radial-gradient(circle at 100% 150%, #f0f5ff 24%, #c8d7ff 25%, #c8d7ff 28%,
#f0f5ff 29%, #f0f5ff 36%, #c8d7ff 36%, #c8d7ff 40%, transparent 40%,
                          radial-gradient(circle at 0 150%, #f0f5ff 24%,
transparent),Đ
#c8d7ff 25%, #c8d7ff 28%, #f0f5ff 29%, #f0f5ff 36%, #c8d7ff 36%, #c8d7ff 40%,
transparent 40%, transparent),Đ
                                          radial-gradient(circle at 50%
100%, #c8d7ff 10%, #f0f5ff 11%, #f0f5ff 23%, #c8d7ff 24%, #c8d7ff 30%,
#f0f5ff 31%, #f0f5ff 43%, #c8d7ff 44%, #c8d7ff 50%, #f0f5ff 51%, #f0f5ff 63%,
#c8d7ff 64%, #c8d7ff 71%, transparent 71%, transparent),Đ
radial-gradient(circle at 100% 50%, #c8d7ff 5%, #f0f5ff 6%, #f0f5ff 15%,
#c8d7ff 16%, #c8d7ff 20%, #f0f5ff 21%, #f0f5ff 30%, #c8d7ff 31%, #c8d7ff 35%,
#f0f5ff 36%, #f0f5ff 45%, #c8d7ff 46%, #c8d7ff 49%, transparent 50%,
transparent),Đ
                           radial-gradient(circle at 0% 50%, #c8d7ff 5%,
#f0f5ff 6%, #f0f5ff 15%, #c8d7ff 16%, #c8d7ff 20%, #f0f5ff 21%, #f0f5ff 30%,
#c8d7ff 31%, #c8d7ff 35%, #f0f5ff 36%, #f0f5ff 45%, #c8d7ff 46%, #c8d7ff 49%,
                                      background-size: 100px 50px;Đ
transparent 50%, transparent);Đ
       ĐĐ ĐĐĐ ÞĐ ĐĐĐ ĐĐ .image-section {Đ width: 700px;Đ
             Ð
                    background: url("pics/unnamed\ flaticon.gif") no-
flex: 1;Đ
repeat center / auto ;Đ Đ margin-top: 100px;Đ
                                                      margin-bottom:
100px; D margin-left: 80px; D
                               border-bottom-left-radius: 5%;Đ
border-top-left-radius: 5%; box-shadow: -5px 0 10px -2px rgba(0, 0, 0,
0.4); D }D .form-section {D width: 50\%; D D di align-items: center; D backdrop-filter: blur(10px); D margin-top: 100px; D
                                 width: 50%; Đ Đ display: flex; Đ
                                                               Ð
                                                           margin-
bottom: 100px; D margin-right: 80px; D D D .form-box D
background: white; Đ
                   padding: 80px;Đ width: 100%;Đ
                                                               height:
100%;Đ Đ Đ
                      text-align: center;Đ
                                             border-top-right-radius:
5%;Đ
        border-bottom-right-radius: 5%;Đ
                                              box-shadow: 5px 0 4px -2px
rgba(0, 0, 0, 0.3); D D D D D Tont-family: Times New Roman',
Times, serif; D text-align: center; D font-size: 40px; D font-
                   Đ color: black;Đ
weight: bold; Đ
                                              text-shadow: 0px 4px 10px
rgba(0, 0, 0, 0.1);Đ
                        Ð }Ð p{Ð
                                           font-family: 'Times New Roman',
Times, serif; text-align: center; D
                                         font-size: 20px;Đ
                                                               font-
weight: bold;Đ
                   color: black; D } D h4{D font-family: 'Franklin'
Gothic Medium', 'Arial Narrow', Arial, sans-serif; D color: black; D font-size: 19px; D font-weight: bold; D padding-bottom
                                                      padding-bottom:
       Đ }Đ h5{Đ
                          color: black;Đ
20px;Đ
                                              font-weight: bold;Đ
font-size: 15px; D } D .signup D text-decoration: none; D red; D } D .signup : hover D text-decoration: underline; D
transform: scale(1.05); D color: red; D } D .input-group {D D
margin-bottom: 15px; D text-align: left; D } D label {D font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans
Unicode', Geneva, Verdana, sans-serif;D padding-bottom: 10px;D
font-weight: bold; D letter-spacing: 1px; D
                                                  display: block;Đ
                                                                        Đ
       family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;Đ
       width: 100%; D padding: 12px 15px; D border: none; D
border-radius: 6px;Đ
                         font-size: 16px;Đ
                                               border: 2px solid #ccc;Đ
       color: black; D }D D .input-type{D
                                                      color:
            }Đ
                .input-group input:hover{Đ border-color: #667eea;Đ
       box-shadow: 0px 0px 10px rgba(102, 126, 234, 0.5); Đ
                                                            transform:
scale(1.02);D }D input:focus {D outline: none;D
                                                            transform:
scale(1.05);Đ
                  box-shadow: 0px 0px 10px rgba(255, 255, 255, 0.4); D } Đ
      .error {Đ
5px;Đ
                                                                align-
-webkit-
appearance: checkbox; D -moz-appearance: checkbox; D appearance:
           display: inline-block;Đ
                                          width: auto; Đ }Đ .remember-
checkbox; Đ
me input {Đ
```

margin-right: 8px;Đ cursor: pointer;Đ left: 0;Đ .btn {D width: 100%;D background: linear-}Đ gradient(to right, #667eea, #764ba2);D color: white;D padding: 14px;Đ border: none;Đ border-radius: 8px;Đ font-size: 18px;Đ cursor: pointer;Đ transition: all 0.3s ease-in-out; fontweight: bold; Đ text-transform: uppercase; D letter-spacing: 1px; D box-shadow: 0px 5px 15px rgba(102, 126, 234, 0.3); D D background: linear-gradient(to right, Đ Đ .btn:hover {Đ box-shadow: 0px 8px 20px rgba(102, 126, 234, 0.5); D } #result { D font-weight: bold; Đ margin-top: 15px; D color: #00ff99; D .forgot {Đ }Đ padding-left: 230px;Đ text-decoration: none;Đ color: blue;Đ }Đ transform: .forgot :hover{Đ background: #ff4e88;Đ }Đ Đ Đ @media (max-width: 768px) {Đ .container {Đ scale(1.05);Đ flex-direction: column;Đ height: auto;Đ }Đ height: 200px;Đ }Đ .image-section {Đ .formpadding: 20px;Đ section {Đ height: auto;Đ }Đ .form-box {Đ width: 90%;Đ }Đ }Đ .text-overlay h2 {Position: absolute; Pop: 6%; Deft: 25%; Pransform: translate(-50%, -50%); Pextalign: center; bolor: black; padding: 20px; border-radius: 10px; betext-overlay h2{Dont-weight: bold; Dont-size: 24px; Dext-shadow: 0 0 1px #000000, 0 0 1px #0e1213, 0 0 1px #131616; #Dnimation: glowFade 2.5s ease-in-out infinite; #D display: inline-block; Detext-overlay p {Desition: absolute; Dep: 94%; Deft: 26%; D transform: translate(-50%, -50%); Dext-align: center; Dolor: black; Dadding: 20px; Border-radius: 10px; Detext-overlay p{Dont-weight: bold; Dont-size: 20px; Dont-weight: bold; Dont-weight: bold; Dont-size: 20px; Dont-weight: bold; Dont-size: 20px; Dont-weight: bold; Dont-weight: bold; Dont-size: 20px; Dont-weight: bold; Dont-size: 20px; Dont-weight: bold; Dont-weight: bold; Dont-weight: bold; Dont-weight: bold; Dont-size: 20px; Dont-weight: bold; D text-shadow: 0 0 1px #080a0a, 0 0 1px #101214, 0 0 1px #121416; Animation: glowFade 2.5s ease-in-out infinite; D display: inline-block; Dekeyframes glowFade {D 0%, 100% {D opacity: 0.8;D text-shadow: 0 0 5px #ffffff;D }D 50% {D opacity: 1;D text-shadow: 0 0 15px #00ffff;D }DD/style>D

demo\target\classes\static\signin2.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>D <meta charset="UTF-8">D <meta
 name="viewport" content="width=device-width, initial-scale=1.0">Đ
 <title>Creative Authentication System</title>D <style>D :root {D
                                             --primary: #4776E6;Đ --secondary: #8E54E9;Đ
 --error: #dc3545;Đ --transition: all 0.4s ease;Đ
                              * {Đ box-sizing: border-box;Đ margin: 0;Đ
padding: 0; D font-family: 'Segoe UI', Tahoma, Geneva,

Verdana, sans-serif; D } D body, html {D height: 100%; D background-color: var(--light); D background-color: var(--light
                                                            background: linear-gradient(135deg, var(--primary), var(--
 30px;Đ
 secondary));D border-radius: 30px;D top: 20px;D left: 50%;D transform: translateX(-50%);D width:
                                           transform: translateX(-50%);D width: 90%;D max-width: 600px;D z-index: 1000;D box-
 shadow: 0 10px 30px rgba(0, 0, 0, 0.1); D } D .nav-item { D
                                          color: white; D text-align: center; D padding:
                                                        text-decoration: none; Đ font-weight: 500; Đ
 10px 20px; Đ
                              border-radius: 20px;Đ transition: var(--transition);Đ 

Đ .nav-item:hover {Đ background-color: rgba(255,
 container {Đ position: relative;Đ width: 100%;Đ height: 100vh;Đ overflow: hidden;Đ display: flex
                                                                                                                                                                                                  display: flex;Đ
                                           align-items: center; D justify-content: center; D
                                            background: linear-gradient(135deg, #f5f7fa, #c3cfe2);Đ
.forms-container {D position: relative;D width: 100%;D height: 100%;D transition: transform 0.8s cubic-bezier(0.68, -0.55, 0.265, 1.55);D }D .form-section {D position: absolute:D
                                                                                          width: 100%;Đ
                                                                                                                                                                                                    height: 100%;Đ
 position: absolute;Đ
display: flex; D flex-direction: column; D justify-content: center; D align-items: center; D transition: var(--transition); D opacity: 0; D visibindden; D } D .form-section.active {D opacity: 1; D o
                                                                                                                                                                                                                                       visibility:
visibility: visible;\mathbb{D} }\mathbb{D} .form-card {\mathbb{D} width: 90%;\mathbb{D} max-width: 450px;\mathbb{D} padding: 40px;\mathbb{D} background: white;\mathbb{D} border-radius: 20px;\mathbb{D} box-shadow: 0
15px 35px rgba(0, 0, 0, 0.1);D transform: translateY(50px);D opacity: 0;D transition: var(--transition);D
                               .form-section.active .form-card {Đ transform: translateY(0);Đ
                                            opacity: 1;Đ }Đ .form-header {Đ text-align:
                                                               margin-bottom: 30px; D } D .form-title {D
                                            font-size: 28px;Đ color: var(--dark);Đ
bottom: 10px; D font-weight: 600; D } D .form-subtitle {D color: \#6c757d; D font-size: 16px; D } D .form-
                                               margin-bottom: 25px;Đ position: relative;Đ
 group {Đ
                                                              .form-group label {Đ position: absolute;Đ 0;Đ left: 0;Đ font-size: 16px;Đ
                                            top: 0;Đ
color: #6c757d;D padding: 18px 15px;D pointer-
events: none;D transition: var(--transition);D }D .form-
group input {D width: 100%;D padding: 18px 15px;D
font-size: 16px;D border: none;D border-
bottom: 2px solid #e9ecef;D background-color: transparent;D
outline: none;D transition: var(--transition);D }D
.form-group input:focus,D .form-group input:focus
+ label D form-group input:valid + label
                                            .form-group input:valid + label {Đ top: -25px;Đ left: 0;Đ font-size: 14px;Đ color: var(--
                                       .form-group input:valid + label {Đ
 primary);Đ
```

```
.error-message \{	exttt{D}
               }Đ
                                               color: var(--error);Đ
          font-size: 14px;Đ
                                   margin-top: 5px;Đ
                                                            display:
           }Đ .submit-btn {Đ
none;Đ
                                   width: 100%;Đ
                   background: linear-gradient(135deg, var(--primary),
padding: 15px;Đ
var(--secondary));
                      color: white;Đ
                                             border: none;Đ
          border-radius: 30px;Đ
                                     font-size: 16px;Đ
                                                                font-
weight: 600;Đ
                                             transition: var(--
                     cursor: pointer; Đ
transition);Đ
                     box-shadow: 0 5px 15px rgba(0, 0, 0, 0.1); Đ
                                                                  }Đ
       .submit-btn:hover {Đ
                                  transform: translateY(-3px);D
                                                       \mathbf{\bar{d}} \{
          box-shadow: 0 8px 25px rgba(0, 0, 0, 0.15);Đ
                                                                .form-
                 text-align: center;Đ
                                             margin-top: 25px;Đ
footer {Đ
                                                       }Đ
          font-size: 15px;Đ
                                   color: #6c757d;Đ
                                                                .form-
link {Đ
               color: var(--primary);Đ
                                             text-decoration: none;Đ
          .form-link:hover {Đ
                                    color: var(--secondary);D
       }Đ
       }Đ
               .bg-shapes {Đ
                                    position: absolute;Đ
width: 100%;Đ
                    height: 100%;Đ
                                           overflow: hidden;Đ
z-index: -1;Đ
                        . \mathtt{shape} \ \{\mathtt{E}
                                           position: absolute; Đ
                 }Đ
          border-radius: 50%;Đ
                                     background: linear-
gradient(135deg, rgba(71, 118, 230, 0.1), rgba(142, 84, 233, 0.1));Đ
          animation: float 10s infinite ease-in-out;Đ
       .shape:nth-child(1) {Đ
                             width: 300px;Đ
                                                          height:
               top: -100px;Đ
                                    right: -100px;Đ
300px;Đ
                                                            animation-
delay: 0s;Đ
                }Đ
                     .shape:nth-child(2) {Đ
                                                     width: 200px;Đ
          height: 200px;Đ bottom: 50px;Đ
                                                       left: 30px;Đ
          animation-delay: 2s;Đ
                                  }Đ .shape:nth-child(3) {Đ
                              height: 150px;Đ
          width: 150px;Đ
                                                     bottom: 150px;Đ
          right: 100px;Đ
                               animation-delay: 4s;Đ
                                                         }Đ
       .shape:nth-child(4) {Đ
                                   width: 100px;Đ
                                                          height:
100px;Đ
               top: 120px;Đ
                                    left: 150px;Đ
                                                         animation-
               }Đ
                                                  0% {Đ
delay: 6s;Đ
                    @keyframes float {Đ
transform: translate(0, 0) rotate(0deg); D
                                              }Đ
             transform: translate(20px, 20px) rotate(10deg); D
          100% {Đ
                       transform: translate(0, 0) rotate(0deg);D
                 }Đ
                          .success-message \{ {	t D}
                                                    display: none;Đ
          }Đ
          position: fixed; Đ top: 20px; Đ
                                                       left: 50%;Đ
          transform: translateX(-50%);D
                                             background-color: var(--
                 color: white;Đ
                                        padding: 15px 25px;Đ
success);Đ
                           box-shadow: 0 5px 15px rgba(0, 0, 0, 0.2); Đ
border-radius: 30px;Đ
          z-index: 1000;Đ
                            animation: slideDown 0.5s forwards; Đ
             @keyframes slideDown {Đ
                                             from {Đ
-50px;Đ
               opacity: 0;Đ
                                                   to {Đ
                                        }Đ
                                                   }Đ
top: 20px;Đ
                                           }Đ
                      opacity: 1;Đ
                                                            .progress-
              position: absolute;Đ
bar {Đ
                                          bottom: 0;Đ
                                                             left: 0;Đ
       background: linear-gradient(90deg, var(--
primary), var(--secondary));
                                                            justify-
                 margin-top: 20px;Đ
                                                       .form-indicator
content: center;Đ
                                              }Đ
\{ \mathbb{D}
                                                       border-radius:
           width: 10px;Đ
                                height: 10px;Đ
50%;Đ
              background-color: #e9ecef;Đ
                                                margin: 0 5px;Đ
          transition: var(--transition);Đ
                                           }Đ
                                                    .form-
indicator.active {Đ
                  background: linear-gradient(135deg, var(--
primary), var(--secondary));
                                transform: scale(1.3);Đ
       /* Social Login Buttons */Đ
                                  .social-login {Đ
                                                             display:
               justify-content: center;Đ
                                              margin: 20px 0;Đ
          gap: 15px;Đ
                      }Ð .social-btn {Ð
                                                  display: flex;Đ
          justify-content: center;Đ
                                   align-items: center;Đ
          width: 50px;Đ height: 50px;Đ
                                                      border-radius:
50%;Đ
             background-color: white; D border: 1px solid #e9ecef; D
          cursor: pointer; D
```

```
transition: var(--transition); D
            box-shadow: 0 3px 10px rgba(0, 0, 0, 0.1); Đ
        .social-btn:hover {Đ
                                      transform: translateY(-3px);D
            box-shadow: 0 5px 15px rgba(0, 0, 0, 0.15); }
        .social-icon {Đ
                            width: 24px;Đ
                                                          height: 24px;Đ
                                     display: flex;Đ
                .divider {Đ
                                                                align-items:
                  margin: 25px 0;Đ
                                          }Đ
                                                .divider-line {Đ
center;Đ
                        height: 1px;Đ
flex-grow: 1;Đ
                                                background-color: #e9ecef; D
                 .divider-text {Đ
                                           margin: 0 15px;Đ
                                                                       color:
       }Đ
                  font-size: 14px;Đ
#6c757d;Đ
                                           }D </style>B/head>Bbody>D
<!-- Success Message -->Đ <div class="success-message" id="success-
message"></div>Đ <!-- Auth Container -->Đ <div class="auth-container">Đ
        <!-- Background Shapes -->Đ
                                         <div class="bg-shapes">Đ
                                    <div class="shape"></div>Đ
<div class="shape"></div>Đ
<div class="shape"></div>Đ
                                    <div class="shape"></div>Đ
                                                                      </div>Đ
        <!-- Forms Container -->Đ
                                     <div class="forms-container">Đ
                                             <div class="form-section"
            <!-- Sign In Form -->Đ
                                    <div class="form-card">Đ
id="signin-section">Đ
                    <div class="form-header">Đ
                                                                     < h2
class="form-title">Welcome Back</h2>Đ
                                                            subtitle">Sign in to continue your journeyĐ
                                                                  </div>Đ
                                       <div class="divider">Đ
                  Ð
                        <div class="divider-line"></div>Đ
                        <span class="divider-text">OR</span>Đ
                        <div class="divider-line"></div>Đ
                                                                            < /
                        <form id="signin-form">Đ
div>Đ
                                                                       <div
class="form-group">Đ
                                               <input type="email" id="signin-</pre>
email" required>Đ
                                            <label for="signin-email">Email
                                           <div class="error-message"</pre>
Address</label>Đ
id="signin-email-error">Please enter a valid email address</div>Đ
                        </div>Đ
                                                      <div class="form-group">Đ
                            <input type="password" id="signin-password"</pre>
                                     <label for="signin-password">Password/
required>Đ
label>Đ
                                  <div class="error-message" id="signin-</pre>
password-error">Password must be at least 6 characters</div>Đ
                        </div>Đ
                                                      <button type="submit"</pre>
class="submit-btn">Sign In</button>Đ
                                                       </form>Đ
                    <div class="form-footer">Đ
                                                                     <a
href="#" class="form-link" id="signin-to-forgot">Forgot Password?</a>Đ
                                              <div class="form-footer">Đ
                    </div>Đ
                        Don't have an account? <a href="#" class="form-link"
id="signin-to-signup">Sign Up</a>Đ
                                                     </div>Đ
                    <div class="indicator-container">Đ
<div class="form-indicator active"></div>Đ
                                                                 <div
class="form-indicator"></div>Đ
                                                     <div class="form-
indicator"></div>Đ
                                     </div>Đ
                                                           </div>Đ
</div>Đ
                                                   <div class="form-section"</pre>
                  <!-- Sign Up Form -->Đ
                                    <div class="form-card">Đ
id="signup-section">Đ
                    <div class="form-header">Đ
                                                                     < h2
class="form-title">Create Account</h2>Đ
                                                              Ð
                    </div>Đ
                                              <form id="signup-form">Đ
                        <div class="form-group">Đ
<input type="text" id="signup-name" required>Đ
<label for="signup-name">Full Name</label>Đ
                                                                      <div
class="error-message" id="signup-name-error">Please enter your name</div>Đ
                                                      <div class="form-group">Đ
                        </div>Đ
                            <input type="email" id="signup-email" required>Đ
                            <label for="signup-email">Email Address</label>Đ
                            <div class="error-message" id="signup-email-</pre>
error">Please enter a valid email address</div>Đ
```

```
<div class="form-group">Đ
<input type="password" id="signup-password" required>Đ
                            <label for="signup-password">Password</label>Đ
                            <div class="error-message" id="signup-password-</pre>
error">Password must be at least 8 characters with letters and numbers</div>Đ
                        </div>Đ
                                                      <div class="form-group">Đ
                            <input type="password" id="signup-confirm"</pre>
required>Đ
                                     <label for="signup-confirm">Confirm
Password</label>Đ
                                            <div class="error-message"</pre>
id="signup-confirm-error">Passwords do not match</div>Đ
</div>Đ
                              <button type="submit" class="submit-btn">Create
                                    </form>Đ
Account</button>Đ
                                                               <div
class="form-footer">Đ
                                            Already have an account? <a
href="#" class="form-link" id="signup-to-signin">Sign In</a>Ð
                    </div>Đ
                                              <div class="indicator-
container">Đ
                                   <div class="form-indicator"></div>Đ
                        <div class="form-indicator active"></div>Đ
                        <div class="form-indicator"></div>Đ
                      </div>Đ
</div>Đ
                                        </div>Đ
                                                          <!-- Forgot
                             <div class="form-section" id="forgot-section">Đ
Password Form -->Đ
                <div class="form-card">Đ
                                                           <div class="form-
header">Đ
                                <h2 class="form-title">Reset Password</h2>Đ
                        We'll send you a reset link/
                      </div>Đ
                                                <form id="forgot-form">Đ
G<q
                        <div class="form-group">Đ
<input type="email" id="forgot-email" required>Đ
<label for="forgot-email">Email Address</label>Đ
<div class="error-message" id="forgot-email-error">Please enter a valid email
address</div>Đ
                                     </div>Đ
                                                                   <button
type="submit" class="submit-btn">Send Reset Link</button>Đ
</form>Đ
                           <div class="form-footer">Đ
Remember your password? <a href="#" class="form-link" id="forgot-to-
signin">Sign In</a>Đ
                                       </div>Đ
class="indicator-container">Đ
                                                    <div class="form-
indicator"></div>Đ
                                         <div class="form-indicator"></div>Đ
                        <div class="form-indicator active"></div>Đ
                    </div>Đ
                                          </div>Đ
                                                            </div>Đ
                                 <div class="progress-bar" id="progress-</pre>
<!-- Progress Bar -->Đ
                           </div>Đ
                                     <script>Đ
bar"></div>Đ
                   </div>Đ
                                                      // Form ElementsĐ
        const signinSection = document.getElementById('signin-section');D
        const signupSection = document.getElementById('signup-section');D
       const forgotSection = document.getElementById('forgot-section');D
        const progressBar = document.getElementById('progress-bar');Đ
const successMessage = document.getElementById('success-message');D
                                                                          Ð
                            document.getElementById('signin-to-
        // NavigationĐ
signup').addEventListener('click', function(e) {Đ
e.preventDefault();Đ
                               slideToForm('signup');D
                                                             });Đ
       document.getElementById('signup-to-signin').addEventListener('click',
function(e) {Đ
                         e.preventDefault();
                                                        slideToForm('signin');D
        });Ð
                  Ð
                         document.getElementById('signin-to-
forgot').addEventListener('click', function(e) {Đ
                               slideToForm('forgot');D
e.preventDefault();
                                                             });Đ
       document.getElementById('forgot-to-signin').addEventListener('click',
function(e) {Đ
                        e.preventDefault();Đ
                                                        slideToForm('signin');D
                                                             function
        });Đ
                  Đ
                           // Form Switching FunctionĐ
slideToForm(formName) {Đ
                                  // Remove active class from all sectionsĐ
            signinSection.classList.remove('active');D
signupSection.classList.remove('active');D
forgotSection.classList.remove('active');D
```

```
// Update
                                        Ð
ind.classList.remove('active'));
                                           // Set active form
                                 Ð
                          if (formName === 'signin') {D
and update progress barĐ
            signinSection.classList.add('active');D
indicators[0].classList.add('active');D
                                         progressBar.style.width
signupSection.classList.add('active');D
indicators[1].classList.add('active');D
                                        progressBar.style.width
= '66.6%';D } else if (formName === 'forgot') {D
forgotSection.classList.add('active');D
indicators[2].classList.add('active');D
                                        progressBar.style.width
                          Ð
= '100%';Đ }Đ
                                   // InitializeĐ
window.addEventListener('load', function() {Đ
                                          slideToForm('signin');D
     document.getElementById('signin-form').addEventListener('submit', function(e)
{Đ e.preventDefault();Đ
                            Đ let isValid = true;Đ
         Ð
                 // Email validationĐ
                                          const email =
document.getElementById('signin-email').value;D
if (!
validateEmail(email)) {Đ
                      document.getElementById('signin-email-
error').style.display = 'block';D isValid = false;D
else {Đ
             document.getElementById('signin-email-
error').style.display = 'none';Đ
                          }Đ
                                                    //
Password validationĐ const password =
document.getElementById('signin-password').value;D
error').style.display = 'none';Đ
                           }Đ Đ
                  showSuccessMessage('Signed in successfully!');D
(isValid) {Đ
            // Here you would typically send the form data to your serverĐ
         }Đ
            });D
D
document.getElementById('signup-
form').addEventListener('submit', function(e) {Đ e.preventDefault();Đ
                                          Đ
                 let isValid = true;Đ
                                                  // Name
                const name = document.getElementById('signup-
validationĐ
name').value;Đ
                if (name.trim() === '') {Đ
document.getElementById('signup-name-error').style.display = 'block';D
           isValid = false; Đ } else {Đ
document.getElementById('signup-name-error').style.display = 'none';D
}Đ Đ // Email validationĐ email = document.getElementById('signup-email').value;Đ
                                                  if (!
error').style.display = 'block';D
                              isValid = false;Đ
               document.getElementById('signup-email-
                                }Đ
error').style.display = 'none';Đ
                                                    //
Password validationĐ
                      const password =
document.getElementById('signup-password').value;D
(password.length < 8 || !/[a-zA-Z]/.test(password) || !/</pre>
[0-9]/.test(password)) {D document.getElementById('signup-
password-error').style.display = 'block';D
                                           isValid = false;Đ
                 document.getElementById('signup-password-
        } else {Đ
error').style.display = 'none';Đ
                                }Đ Đ
Password confirmationĐ const confirm =
document.getElementById('signup-confirm').value;
                                             if (confirm !==
                   document.getElementById('signup-confirm-
password) {Đ
error').style.display = 'block';Đ isValid = false;Đ
else {D document.getElementById('signup-confirm-
error').style.display = 'none';Đ }Đ
                                                    if
(isValid) {Đ
```

```
showSuccessMessage('Account created
successfully!');D
                               // Here you would typically send the form
data to your serverĐ
                                  setTimeout(() => {Đ
slideToForm('signin');D
                                     }, 2000);Đ
                                                          }Đ
                                                                   });Đ
           document.getElementById('forgot-
form').addEventListener('submit', function(e) {Đ
                                                          e.preventDefault();Đ
                       let isValid = true;
                                                          // Email
                                                      Ð
validationĐ
                     const email = document.getElementById('forgot-
email').value;Đ
                         if (!validateEmail(email)) {Đ
document.getElementById('forgot-email-error').style.display = 'block';D
               isValid = false;Đ
                                          } else {Đ
document.getElementById('forgot-email-error').style.display = 'none';D
            }Đ
                        Ð
                                   if (isValid) {Đ
showSuccessMessage('Password reset link sent! Check your email.');Đ
               // Here you would typically send the form data to your serverĐ
                                      // Helper function for email
                    });Đ Đ
                 function validateEmail(email) {Đ
validationĐ
                                                            const re = /
^(([^<>()\[\]\\.,;:\s@"]+(\.[^<>()\[\]\\.,;:\s@"]+)*)|(".+"))@((\[[0-9]{1,3}\.
[0-9]\{1,3\}\setminus [0-9]\{1,3\}\setminus [0-9]\{1,3\}]\setminus (([a-zA-z]-0-9]+\downarrow)+[a-zA-z]\{2,\}))$/;
           return re.test(String(email).toLowerCase());D
        // Function to show success messageĐ
                                                  function
showSuccessMessage(message) {D
                               successMessage.textContent = message;D
           successMessage.style.display = 'block';D
                                                             Ð
setTimeout(() => {Đ
                                successMessage.style.display = 'none';D
            }, 3000);Đ
                            }D </script>B/body>B/html>
```

demo\target\classes\static\signin3.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>D <meta charset="UTF-8" />D <meta
name="viewport" content="width=device-width, initial-scale=1.0" />Đ
<title>Signin/Signup Page</title>D <style>D * {D margin: 0;D
padding: 0;D box-sizing: border-box;D font-family: "Poppins", sansserif;D }D body {D display: flex;D justify-content: center;D align-items: center;D D background: #fff;D }D .container {D
display: flex; D width: 100%; D max-width: 1400px; D height: 850px; D
         background: lightgoldenrodyellow; D box-shadow: Opx 4px 10px rgba(0,
0, 0, 0.3); border-radius: 15px; overflow: hidden; b } .image-
section {D width: 50%;D background: url("pics/art-rachen-sM4r-swmcoY-
unsplash-Photoroom.png") no-repeat center center/cover; D }D .form-section
{D height: 850px;D width: 50%;D background: white;D D display: flex;D align-items: center;D justify-content: center;D
display: flex;D align-items: center;D
      .form-box {Đ
                             width: 100%; max-width: 400px; display: none; D
      }\theta .form-box.active {\theta display: block;\theta }\theta h2 {\theta font-size:
        D font-weight: bold;D color: black;D margin-bottom: 20px;D text-align: center;D }D .input-group {D margin-bottom: 15px;D
         text-align: left; D } D label { D font-weight: bold; D
size: 16px; D color: black; D display: block; D margin-bottom: 5px; D
}Đ input {Đ width: 100%;Đ padding: 12px 15px;Đ font-size: 16px;Đ border: 2px solid #ccc;Đ border-radius: 6px;Đ }Đ
input:hover {Đ border-color: #667eea;Đ box-shadow: 0px 0px 10px
rgba(102, 126, 234, 0.5); D transform: scale(1.02); D } D input: focus { D
         outline: none; D transform: scale(1.05); D box-shadow: Opx Opx
10px rgba(255, 255, 255, 0.4); D } D .error {D color: red; D font-
size: 14px; D margin-top: 5px; D } D .remember-me {D
                                                                                                 display: flex;Đ
            align-items: center; D D D input[type=checkbox] {D appearance: checkbox; D -moz-appearance: checkbox; D
webkit-appearance: checkbox; Đ
appearance: checkbox; D display: inline-block; D width: auto; D } D .remember-me input {D margin-right: 8px; D cursor: pointer; D left: 0; D D } D .btn {D width: 100%; D background:
linear-gradient(to right, #667eea, #764ba2); D color: white; D
14px;Đ border: none;Đ border-radius: 8px;Đ font-size: 18px;Đ
cursor: pointer; D font-weight: bold; D text-transform: uppercase; D
letter-spacing: 1px; D transition: all 0.3s ease-in-out; D margin-top:
10px;  }  .btn:hover {  background: linear-gradient(to right,
#764ba2, #667eea); D transform: scale(1.05); D box-shadow: 0px 8px 20px
rgba(102, 126, 234, 0.5); D } D .switch {D text-align: center; D margin-top: 15px; D color: blue; D cursor: pointer; D text-
decoration: underline; D } D .forgot D font-size: 14px; D text-
decoration: none; D color: #333; D } D .forgot:hover {D text-
decoration: underline; D } D .referral-section {D text-align: left; D
         margin-bottom: 10px;Đ }Đ @media (max-width: 768px) {Đ
         .container {D flex-direction: column;D height: auto;D
                                                                                                                       }Đ
         .image-section {D height: 200px;D width: 100%;D }D .form-section {D width: 100%;D padding: 30px;D }D .form-box {D max-width: 100%;D }D .form-box {D max-width: 100
<body>D <div class="container">D <div class="image-section"></div>D <div</pre>
<h2>Sign In</h2>Đ
                                                 <form id="signinForm">Đ
class="input-group">Đ
                                                  <label for="userid">Username</label>Đ
                   <input type="text" id="userid" name="userid" placeholder="Enter</pre>
<div class="input-group">Đ
                   <label for="signinPassword">Password</label>Đ
type="password" id="signinPassword" name="password" placeholder="Enter
Password" required>Đ </div>Đ <di
                                                <div class="error" id="passwordError"></div>Đ
                                       <div class="remember-me">Đ
                                                                                         <div>Đ
                      <input type="checkbox" id="rememberMe">Đ
```

```
<label
                                                                  <a href="#"
for="rememberMe">Remember Me</label>Đ
                                                </div>Đ
class="forgot">Forgot Password?</a>Đ
                                            </div>Đ
                                                             <button
type="submit" class="btn">Sign In</button>Đ
                                                   <div class="switch"
onclick="showForm('signup')">Don't have an account? Sign Up</div>Đ
                                                                         < /
form>Đ
          </div>Đ
                      <div class="form-box" id="signupBox">Đ
                                                                    <h2>Siqn
Up</h2>Đ
               <form id="signupForm">Đ
                                               <div class="input-group">Đ
            <label for="userName">Username</label>Đ
                                                             <input
type="text" id="userName" name="username" required placeholder="User Name">Đ
            <div class="error" id="userIdError"></div>Đ
                                                               </div>Đ
          <div class="input-group">Đ
                                              <label for="email">Email
label>Đ
                  <input type="email" id="email" name="email" required</pre>
placeholder="Email">Đ
                               <div class="error" id="emailError"></div>Đ
                         <div class="input-group">Đ
          </div>Đ
                                                              <label
                                            <input type="tel" id="phone"</pre>
for="phone">Phone Number</label>Đ
name="phone" required placeholder="Phone Number">Đ
                                                            <div
class="error" id="phoneError"></div>D
                                             </div>Đ
                                                              <div
class="input-group">Đ
                               <label for="tradingId">Trading View ID</label>Đ
           <input type="text" id="tradingId" name="tradingId" required</pre>
placeholder="Trading View ID">Đ
                                       </div>Đ
                                                       <div class="input-</pre>
                  <label for="signupPassword">Password</label>Đ
group">Đ
<input type="password" id="signupPassword" name="password" required</pre>
placeholder="Password">Đ
                                  <div class="error" id="passwordError">
div>Đ
             </div>Đ
                             <div class="input-group">Đ
                                                                   <label
for="confirmPassword">Repeat Password</label>Đ
                                                         <input
type="password" id="confirmPassword" name="confirmPassword" required
placeholder="Confirm Password">Đ
                                          <div class="error"
id="confirmPasswordError"></div>Đ
                                          </div>Đ
class="referral-section">Đ
                                    <input type="checkbox"</pre>
id="referralCheckbox" onchange="toggleReferral()">Đ
                                                              <label
for="referralCheckbox">Have a Referral ID?</label>Đ
                                                            </div>Đ
<div class="input-group" id="referralId" style="display: none;">Đ
<label for="referral">Referral ID</label>Đ
                                                     <input type="text"</pre>
id="referral" name="referral" placeholder="Referral ID">Đ
                                                                  </div>Đ
          <button type="submit" class="btn">Sign Up</button>D
class="switch" onclick="showForm('signin')">Already have an account? Sign In
div>Đ
           </form>Đ
                        </div>Đ </div>Đ </div>Đ <script>Đ function
showForm(type) {D const signin = document.getElementById("signinBox");D
      const signup = document.getElementById("signupBox");D if (type ===
"signup") {Đ
             signin.classList.remove("active");D
signup.classList.add("active");D
signup.classList.remove("active");D
                                      signin.classList.add("active");D
               function toggleReferral() {Đ
                                               const referralInput =
          }Đ
document.getElementById("referralId");D
referralInput.style.display =
document.getElementById("referralCheckbox").checked ? "block" : "none";D
</script>D/body>D/html>D
```

demo\target\classes\static\signin4.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>D <meta charset="UTF-8">D <meta
name="viewport" content="width=device-width, initial-scale=1.0">Đ
<title>Creative Login Page</title>D <style>D * {D margin: 0;D
padding: 0;D box-sizing: border-box;D font-family: "Segoe UI",
Tahoma, Geneva, Verdana, sans-serif;D }D D body {D display: flex;D
      justify-content: center; D align-items: center; D height: 100vh background-color: #6c3bdf; D margin: 0; D } D .container {D
                                                            height: 100vh;Đ
      display: flex; D width: 800px; D height: 500px; D background:
white; Đ border-radius: 10px; Đ overflow: hidden; Đ box-shadow: 0
10px 25px rgba(0, 0, 0, 0.1);D }D D .image-section {D flex: 1;D padding: 20px;D display: flex;D justify-content: center;D alignitems: center;D position: relative;D }D D .form-section {D
flex: 1;D padding: 40px;D display: flex;D flex-direction: column;
    justify-content: center;D }D D .header {D display: flex;D
justify-content: space-between;D align-items: center;D margin-bottom:
                                                    flex-direction: column; Đ
30px;\Theta }\Theta \Theta .logo {\Theta font-weight: bold;\Theta font-size: 24px;\Theta
decoration: none; D font-size: 14px; D } D h1 {D font-size: 28px; D
     margin-bottom: 5px; D color: #333; D } D D .subtitle {D
color: #888;Đ margin-bottom: 30px;Đ font-size: 14px;Đ ĐĐ
    .input-field {Đ margin-bottom: 20px;Đ width: 100%;Đ }Đ Đ
           width: 100%;D padding: 15px;D border: 1px solid #ddd;D
r-radius: 6px;D font-size: 14px;D outline: none;D }D D
input {Đ
     border-radius: 6px;Đ
    .input-field input:focus {D border-color: #6c3bdf;D }D D
btn {D width: 100%;D padding: 15px;D background-color: #6c3bdf;D
     color: white; D border: none; D border-radius: 30px; D font-
size: 16px;D font-weight: bold;D cursor: pointer;D margin-bottom:
20px;D text-transform: uppercase;D }D D .forgot-password {D text-align: right;D color: #888;D font-size: 14px;D text-
decoration: none;Đ
                     margin-bottom: 20px; Đ Đ .plant {Đ
position: absolute; D bottom: 10px; D left: 10px; D }D </br>
src="/api/placeholder/350/300" alt="Illustration of people working">Đ
<div class="plant">D <img src="/api/placeholder/80/100" alt="Plant</pre>
decoration">Đ </div>Đ </div>Đ div class="form-section">Đ
href="#" class="signup-link">New User? Sign Up</a>Đ </div>Đ
<h1>Welcome Back!</h1>Đ <div class="subtitle">Login to continue</div>Đ
field">Đ <input type="password" placeholder="Enter Password">Đ </div
style="text-align: right;">Đ <a href="#" class="forgot-password">FORGOT
PASSWORD?</a>Đ </div>Đ </div>Đ/body>Đ/html>
```

demo\target\classes\static\signup.html

```
<h2>Start Your Trading Journey with Confidence</h2>Đ
overlay">Đ
            Trade Smart. Grow Fast.Ð </div>Ð
                                                       <div class="image-</pre>
                 <imq src="pics/Screen.gif" alt="img" class="image">D
section">Đ
   <div class="form-section">D <div class="form-box">D
                                                              <h2>Sign up</
      <form id="signupForm">Đ
                                     <div class="input-group">Đ
<label for="username">Username</label>Đ
                                                 <input type="text"</pre>
class="input-style" id="userName" name="username" required placeholder="User
                 <div class="error" id="userIdError"></div>Đ
Name">Đ
        <div class="input-group">Đ
                                            <label for="email">Email</label>Đ
            <input type="email" id="email" class="input-style" name="email"</pre>
required placeholder="Email">Đ
                                        <div class="error" id="emailError">
div>Đ
           </div>Đ
                          <div class="input-group">Đ
                                                              <label
                                           <input type="tel" id="phone"</pre>
for="phone">Phone Number</label>Đ
class="input-style" name="phone" required placeholder="Phone Number">Đ
            <div class="error" id="phoneError"></div>Đ
                                    <label for="tradingId">Trading View ID
<div class="input-group">Đ
                 <input type="text" id="tradingId" class="input-style"</pre>
label>Đ
name="tradingId" required placeholder="Trading View ID">Đ
<div class="input-group">Đ
                                    <label for="password">Password</label>Đ
            <input type="password" id="password" class="input-style"</pre>
name="password" required placeholder="Password">Đ
class="error" id="passwordError"></div>Đ
                                              </div>Đ
                                                            <div
                               <label for="confirmPassword">Repeat Password/
class="input-group">Đ
                 <input type="password" class="input-style"</pre>
label>Đ
id="confirmPassword" name="confirmPassword" required placeholder="Confirm
Password">Đ
                     <div class="error" id="confirmPasswordError"></div>Đ
                     <div class="referral-section">Đ
        </div>Đ
type="checkbox" id="referralCheckbox">Đ
                                                 <label
for="referralCheckbox">Have a Referral ID?</label>Đ
                                                         </div>Đ
                                                                       <div
class="input-group" id="referralId" style="display: none;">Đ
                                                                      <label
for="referral">Referral ID</label>Đ
                                             <input type="text" class="input-</pre>
style" id="referral" name="referral" placeholder="Referral ID">Đ
                                                                      </div>Đ
        <button type="submit" class="btn">Sign Up</button>D </form>D
                       <h4>Already have an account? <a class="signin"
class="account">Đ
href="signin.html">Sign in</a></h4>Đ
                                     </div>Đ
                                                </div>Đ
                                                          </div>Đ
    <script>Đ
                   // Show/Hide Referral ID inputĐ
document.getElementById("referralCheckbox").addEventListener("change",
function () {Đ
                        let referralInput =
document.getElementById("referralId");D
                                                 referralInput.style.display
= this.checked ? "block" : "none";Đ
                                          });Đ
document.getElementById("signupForm").addEventListener("submit", async
function (event) {Đ
                             event.preventDefault(); // Prevent default form
submissionĐ
                     let userName =
document.getElementById("userName").value.trim();D
                                                            let email =
document.getElementById("email").value.trim();D
                                                         let phone =
document.getElementById("phone").value.trim();D
                                                         let tradingId =
document.getElementById("tradingId").value.trim();D
                                                             let password =
document.getElementById("password").value.trim();D
                                                            let.
confirmPassword = document.getElementById("confirmPassword").value.trim();D
           let referral = document.getElementById("referral").value.trim()
                   // Validation PatternsĐ
|| null;Đ
                                                     let usernamePattern = /
(?!\s)(?!.*\s\{2,\})[a-zA-Z0-9]+(?<!\s)$/;D
                                                     let emailPattern = /^[a-
zA-ZO-9._%+-]+@[a-zA-ZO-9.-]+\.[a-zA-Z]{2,4}$/;D
                                                          let phonePattern
                            let passwordPattern = /^(?=.*[A-Z])(?=.*[a-z])(?
= /^[6-9]\d{9}$/;Đ
=.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,}$/;D
                                                       let isValid = true;Đ
            // Clear previous errorsĐ
document.getElementById("userIdError").textContent = "";D
document.getElementById("emailError").textContent = "";D
```

```
document.getElementById("phoneError").textContent = "";D
document.getElementById("passwordError").textContent = "";D
document.getElementById("confirmPasswordError").textContent = "";D
            // Validate usernameĐ
                                            if (!
usernamePattern.test(userName)) {Đ
document.getElementById("userIdError").textContent = "Invalid username!";D
                isValid = false;
                                            }Đ
                                                         // Validate emailĐ
            if (!emailPattern.test(email)) {Đ
document.getElementById("emailError").textContent = "Invalid Email Format!";D
                isValid = false;
                                                         // Validate phone
                                           }Đ
                  if (!phonePattern.test(phone)) {Đ
numberĐ
document.getElementById("phoneError").textContent = "Invalid Phone Number!";D
                isValid = false;
                                            }Đ
                                                         // Validate passwordĐ
            if (!passwordPattern.test(password)) {Đ
document.getElementById("passwordError").textContent = "Password must be 8+
characters with 1 uppercase, 1 lowercase, 1 number & 1 special character."; Đ
                isValid = false;
                                            }Đ
                                                         // Confirm password
matchĐ
                 if (password !== confirmPassword) {Đ
document.getElementById("confirmPasswordError").textContent = "Passwords do
not match!";Đ
                           isValid = false;Đ
                                                       }Đ
isValid) return;Đ
                           // Send data to Spring Boot BackendĐ
let requestData = {Đ
                                  userName: userName,Đ
                                                                      email:
email,Đ
                     phone: phone,Đ
                                                   tradingId: tradingId,Đ
                password: password, Đ
                                                   referralId: referralĐ
            };Đ
                          try {Đ
                                                let response = await
fetch("http://localhost:8080/api/signup", {D
                                                               method: "POST", Đ
                   headers: { "Content-Type": "application/json" },Đ
                    body: JSON.stringify(requestData)Đ
                let data = await response.json();Đ
                                                        // '
(response.ok) {Đ
                                  Ð
                                                              Show user details
                    alert(`Signup Successful! \n\nUsername: ${data.userName}
in alertĐ
\nUser ID: ${data.userId} \nReferral Code: ${data.referralCode}`);D
                    window.location.href = "signin.html";D
                          document.getElementById("emailError").textContent =
data.message || "Signup failed!"; Đ
                                                              } catch (error)
                                                 }Đ
                 console.error("Error:", error);
                                                                alert("An
error occurred while signing up. Please try again.");Đ
                                                                 }Đ
                                                                          });Đ
    </script>Bstyle>D * {D
                                      margin: 0;Đ
                                                             padding: 0;Đ
           box-sizing: border-box; D
                                               font-family: "Poppins", sans-
serif;Đ
                                                 height: 150vh;Đ
                      }Đ
                              body {Đ
display: flex;Đ
                          justify-content: center;Đ
                                                              align-items:
                  background: white; Đ
                                             }Đ
center;Đ
                                                      Ð
                                                              .container {Đ
            display: flex;Đ
                                      width: 100%;Đ
                                                              max-width:
1500px;Đ
                  height: 950px;Đ
                                             box-shadow: 0px 10px 30px
rgba(0, 0, 0, 0.1);Đ
                               border-radius: 15px;Đ
                                                               overflow:
                  background-color: #f5f5f5;Đ
hidden;Đ
                                                         background-image:
linear-gradient(30deg, #ececec 12%, transparent 12.5%, transparent 87%,
#ececec 87.5%, #ececec),Đ
                                       linear-gradient(150deg, #ececec 12%,
transparent 12.5%, transparent 87%, #ececec 87.5%, #ececec),Đ
linear-gradient(30deg, #ececec 12%, transparent 12.5%, transparent 87%,
#ececec 87.5%, #ececec),Đ
                                        linear-gradient(150deg, #ececec 12%,
transparent 12.5%, transparent 87%, #ececec 87.5%, #ececec), Đ
linear-gradient(60deg, #dddddd 25%, transparent 25.5%, transparent 75%,
#dddddd 75%, #dddddd),Đ
                                      linear-gradient(60deg, #dddddd 25%,
transparent 25.5%, transparent 75%, #dddddd 75%, #dddddd);Đ
background-size: 40px 70px;Đ
                                      background-position: 0 0, 0 0, 20px
35px, 20px 35px, 0 0, 20px 35px;Đ
                                                         Đ
                                        }Đ
                                                Ð
                                                                 .image-
                    flex: 1;Đ
                                         width: 65%;Đ
section {Đ
                                                                background:
white; Đ
```

```
margin-top: 60px;D margin-left: 60px;D border-bottom: 30px;D D border-bottom-left-radius: 5%;D border-top-left-radius: 5%;D box-shadow: -5px 0 10px -2px rgba(0, 0, 0, 0.4);D }D .image{D height: 420px;D width: 48%;D justify-items: center;D position: absolute;D
                                                                                                               position: absolute;Đ
                       top: 70%;Đ left: 28%;Đ transform:
justify-content: center;D background: #fff;D
.lter: blur(10px);D margin-top: 60px;D
backdrop-filter: blur(10px);D
                                                                                                                                         margin-
right: 60px;Đ margin-bottom: 30px;Đ Đ border-top-right-radius: 5%;Đ border-bottom-right-radius: 5%;Đ box-shadow: 5px 0
background: rgba(255, 255, 255, 0.2); D padding: 50px; D pading: 50px; D padding: 50px; D padding: 50px; D padding: 50px; D p
font-size: 40px;Đ font-weight: bold;Đ margin-bottom: 20px;Đ
                     color: black; D text-shadow: 0px 4px 10px rgba(0, 0, 0, D) } D h4{D font-family: 'Franklin'
                                                                                                            color: black;Đ
Gothic Medium', 'Arial Narrow', Arial, sans-serif;Đ
font-size: 19px; D font-weight: bold; D padding-bottom: 10px; D D D input-group D margin-bottom: 15px; D text-align: left; D D label D
font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif; D font-weight: bold; D
                      display: block; D margin-bottom: 5px; D font-D color: black; D letter-spacing: 1px; D } D
size: 14px;Đ
                                        font-family: 'Gill Sans', 'Gill Sans MT', Calibri,
                input {Đ
 'Trebuchet MS', sans-serif; D width: 100%; D
                                                                                                             padding: 12px
                        border: 2px solid #ccc;Đ
                                                                                                     border-radius: 8px;Đ
                       font-size: 16px;D transition: 0.3 ease;D D

D input-group input:hover{D border-color:
box-shadow: 0px 0px 10px rgba(102, 126, 234, 0.5);D
#667eea;Đ
                     transform: scale(1.02); D D D
                display: flex;D align-items: center;D gap: 10px;D
                       margin-bottom: 10px;Đ }Đ
                                                                                                      Ð
size: 18px;Đ cursor: pointer;Đ transition: all 0.3s ease-in-out;Đ font-weight: bold;Đ Đ letter-spacing: 1px;Đ
                        box-shadow: 0px 5px 15px rgba(102, 126, 234, 0.3); D
D .btn:hover {D background: linear-gradient(to right, #764ba2, #667eea);D transform: scale(1.05);D box-
shadow: 0px 8px 20px rgba(102, 126, 234, 0.5); Đ Đ
               alid {D display: none;D }D D .account h4{D padding-top: 10px;D font-size: 16px;D }D .signin{D text-decoration: none;D font-size: 16px;D }D
.signin :hover{Đ text-decoration: underline;Đ
                                                                                                                        color:
Đ /*
#667eea; \bar{D} transition: scale(1.02); \bar{D} } \bar{D} \bar{D} /* Responsive */\bar{D} @media (max-width: 900px) {\bar{D} .main-container {\bar{D}
                             flex-direction: column;Đ
```

width: 90%;Đ height: auto;Đ .form-container, .imagecontainer {Đ width: 100%;Đ .image-}Đ container {Đ height: 300px;Đ }Đ .textoverlay {Đ position: absolute;Đ top: 23%;Đ left: 27%;D transform: translate(-50%, -50%);D text-align: center;D color: white; D padding: 20px; D border-radius: 10px; Dtext-overlay h2{D color: black; D D fontweight: bold; D font-size: 27px; D text-shadow: 0 0 1px #141616, 0 0 1px #131314, 0 0 1px #121414; D overflow: hidden; D opacity: 0; D transform: translateX(30px);D animation: fadeSlideUp 1.2s ease forwards;DD .textoverlay p{D color: black;D font-weight: bold;D font-size: 22px;D textshadow: 0 0 1px #101111, 0 0 1px #000000, 0 0 1px #16191b; D opacity: 0; D transform: translateX(30px);D animation: fadeSlideUp 1.2s ease forwards;D }D @keyframes fadeSlideUp {D to {D opacity: 1;D transform: translateY(0);D }∌ĐĐ/style>Đ

demo\target\classes\static\user_dashboard.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>Đ
                                    <meta charset="UTF-8">Đ
name="viewport" content="width=device-width, initial-scale=1.0">Đ
<title>Trading Homepage</title>D <link rel="stylesheet" href="styles.css">D
   <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>D <style>D
                    margin: 0;Đ
                                           font-family: Arial, sans-
                background: #0d0d0d; Đ
                                             color: #fff;Đ
overflow-x: hidden;Đ
                           scroll-behavior: smooth; Đ
                 display: flex;Đ
                                       justify-content: space-between; Đ
header {Đ
                                       padding: 20px;Đ
          align-items: center;Đ
background: rgba(0, 0, 0, 0.8); Đ
                                      position: fixed;Đ
100%;Đ
               top: 0;Đ
                                left: 0;Đ
                                                  animation: fadeIn 1s
                     z-index: 1000;Đ
ease-in-out;Đ
                                         }Đ
                                                  .logo {Đ
font-size: 24px;Đ
                        font-weight: bold;Đ
                                                    color: #ff9800;Đ
       }Đ
               nav ul {Đ
                                 list-style: none;Đ
                                                           display:
                                     nav ul li a {Đ
flex;Đ
               gap: 20px;Đ
                               }Đ
                                                              text-
                         color: white;Đ
                                                transition: color 0.3s;Đ
decoration: none; Đ
             nav ul li a:hover {Đ
                                           color: #ff9800;Đ
       }Đ
       .hero {Đ
                       height: 100vh;Đ
                                               display: flex;Đ
          align-items: center;Đ justify-content: center;Đ
          background: url('trading-bg.jpg') no-repeat center center/cover; D
          text-align: center; animation: zoomIn 1.5s ease-in-out; D
                                       max-width: 600px;Đ
               .hero-content {Đ
animation: slideUp 1.5s ease-in-out; Đ
                                       }Đ
                                                .hero h1 {Đ
font-size: 3rem;Đ
                       margin-bottom: 10px;Đ
                                                      text-transform:
                        .hero button {Đ
                                               padding: 10px 20px;Đ
uppercase; Đ
               }Đ
          font-size: 1.2rem;Đ
                                    border: none;Đ
                                                             cursor:
                 background: #ff9800;Đ
pointer; Đ
                                               color: black;Đ
transition: background 0.3s;Đ }Đ
                                        .hero button:hover {Đ
background: #e68900;Đ }Đ
                                .features, .testimonials, .trading-graph
                                  flex-direction: column;Đ
           display: flex;Đ
align-items: center;Đ
                            text-align: center;Đ
                                                         padding: 80px
20px;Đ
               background: linear-gradient(to bottom, #lalala, #0d0d0d);D
          animation: fadeIn 2s ease-in-out; D }D
                                                      .feature {Đ
          max-width: 300px;Đ
                                    margin: 20px;Đ
       .testimonial {Đ
                              margin: 20px auto;Đ
                                                         max-width:
                font-style: italic;Đ
                                                 @keyframes fadeIn {Đ
                                        }Đ
          from { opacity: 0; }Đ
                                       to { opacity: 1; }Đ
                                   from { transform: translateY(50px);
       @keyframes slideUp {D
                      to { transform: translateY(0); opacity: 1; }Đ
opacity: 0; }Đ
                                  from { transform: scale(0.8); opacity:
       @keyframes zoomIn {Đ
             0; }Đ
head>Bbody>Đ
                          <div class="logo">TradingX</div>Đ
             <header>Đ
                                                                <nav>Đ
          <l
                             <a href="#hero">Home</a>Đ
              <a href="#features">Markets</a>Đ
<a href="#testimonials">Insights</a>Đ
                                                       <a
                                                    <a
href="#trading-graph">Live Charts</a>Đ
href="#about">About</a>Đ
                                       <a href="#contact">Contact</
a>Đ
                 Đ
                             </nav>Đ </header>Đ Đ <section id="hero"
class="hero">Đ
                   <div class="hero-content">Đ
                                                     <h1>Trade Smarter,
Trade Faster</hl>Đ
                          Harness AI-driven trading strategies for
market dominance.Đ
                              <button>Get Started</putton>Đ
   </section>Đ Đ <section id="features" class="features">Đ
                                                               <div
class="feature">Đ
                         <h2>Live Market Analysis</h2>Đ
                                                              Stay
ahead with real-time charts and analytics.Đ
                                                </div>Đ
                                                             <div
                         <h2>AI-Powered Strategies</h2>Đ
class="feature">Đ
Leverage machine learning for precise trading decisions.Đ
                                                                </div>Đ
       <div class="feature">Đ
                                     <h2>Secure Transactions</h2>Đ
           Experience top-tier security for all your trades.Đ
                                                                     </
div>Đ
```

```
</section>Đ Đ <section id="testimonials" class="testimonials">Đ
      "TradingX revolutionized my trading game!"Đ
                                               <span>- Alex T.
      </div>Đ
                <div class="testimonial">Đ
                                                 "Best AI
tools for market analysis hands down."Đ <span>- Sarah K.</span>Đ
     </div>D </section>D <section id="trading-graph" class="trading-
graph">Đ
       canvas>Đ
       </section>D D <script>D document.querySelectorAll('nav
ul li a').forEach(anchor => {Đ
                          anchor.addEventListener('click',
function(event) {Đ
                         event.preventDefault();
                                                        const
targetId = this.getAttribute('href').substring(1);D
                                                   const
targetElement = document.getElementById(targetId);D
                                                   if
(targetElement) {Đ
                            window.scrollTo({Đ
top: targetElement.offsetTop - 50,Đ
                                            behavior: 'smooth'Đ
               });Ð
                              }Đ
                                        });Đ
                                             });Ð
</script>D/body>D/html>
```

demo\target\classes\static\User_dashboard2.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>D <meta charset="UTF-8">D <meta
name="viewport" content="width=device-width, initial-scale=1.0">D <title>
Trading Platform</title>Đ <style>Đ /* Reset and Base Styles */Đ
              margin: 0;Đ padding: 0;Đ
                                                       box-sizing:
                     font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-
border-box; Đ
                        body {D background-color: #0a0e17;D
serif;Đ
                     Ð
       color: #e6e6e6;D overflow-x: hidden;D }D D

/* Header Styles */D header {D background: linear-
gradient(135deg, #131927, #1d2533);Đ
position: fixed;Đ width: 100%;Đ
                                            padding: 1.5rem 0;Đ
position: fixed;Đ index: 1000;Đ
                                            top: 0;Đ
                     box-shadow: 0 4px 20px rgba(0, 0, 0, 0.3);Đ
animation: headerSlideDown 0.8s ease-out; D D .header-
container {Đ
                     max-width: 1200px;Đ
                                              margin: 0 auto;Đ
                                 justify-content: space-between; Đ
           display: flex;Đ
padding: 0 2rem;Đ

logo {Đ display: flex;Đ align-items
}Đ Đ logo h1 {Đ color: #4deeea;Đ

font-size: 1.8rem;Đ margin-left: 1rem: D
                                  padding: 0 2rem;D }Đ
                                                 align-items: center;Đ
                                                       font-weight: 700;Đ
                                                       }Đ Đ
          animation: logoPulse 2s infinite alternate; Đ
        .logo-icon {D width: 40px;D height: 40px;D
           background: linear-gradient(45deg, #4deeea, #4d8eea); D
align-items: center;Đ
content: " ¿";Đ color: #131927;Đ font-size: 24px;Đ font-weight: bold;Đ }Đ Đ nav ul {Đ display: flex;Đ list-style: none;Đ }Đ Đ n
                                                                nav ul li
           margin-left: 2rem;Đ position: relative;Đ
            nav ul li a {Đ
                                     color: #e6e6e6;Đ
       Ð
                                                                text-
           none;Đ font-size: lrem;Đ font-weight: 500;H
transition: all 0.3s ease;Đ padding: 0.5rem 0;Đ
                                                    font-weight: 500;Đ
decoration: none;Đ
                                                                       }Đ
            nav ul li a:hover {Đ color: #4deeea;Đ nav ul li a::after {Đ content: '';Đ
       Ð
                            bottom: -5px;Đ
                                                    left: 0;Đ
position: absolute; Đ
width: 0%; D height: 2px; D background-color: #4deeea; D
                         transition: width 0.3s ease; Đ
a:hover::after {Đ
                                                             .cta-btn {Đ
           background: linear-gradient(45deg, #4deeea, #4d8eea);D
color: #131927;Đ border: none;Đ padding: 0.8rem 1.5rem;Đ
                                       font-weight: 600;Đ
           border-radius: 30px;Đ
cursor: pointer; D transition: all 0.3s ease; D
ctaPulse 2s infinite alternate; Đ Đ Đ
                                                    .cta-btn:hover {Đ
           transform: translateY(-3px);D
                                                 box-shadow: 0 10px 20px
align-items: center; D ba
                                         background: url("/api/
placeholder/1200/800") center/cover; Đ
                                            background-blend-mode:
overlay; D background-color: rgba(13, 17, 28, 0.85); D
padding-top: 80px;D position: relative;D }D D .hero::before {D consition: absolute;D top: 0;D le:
                                                        overflow: hidden;Đ
                                                content: '';Đ
                                              left: 0;Đ
                                                                  width:
100%; b height: 100%; b background: linear-gradient(135deg,
rgba(13, 17, 28, 0.9), rgba(13, 17, 28, 0.6)); Đ z-index: 1; Đ hero-content {Đ max-width: 1200px; Đ
margin: 0 auto;D padding: 0 2rem;D display: flex;D justify-content: space-between;D align-items: center;D
           width: 100%; position: relative; D
                                                              z-index: 2;Đ
             Đ .hero-text {Đ flex: 0 0 50%;Đ
animation: heroTextSlide 1s ease-out;Đ
```

```
}Đ Đ .hero-text h2 {Đ font-weight: 700;Đ margin-
             font-size: 3.5rem;Đ
bottom: 1.5rem; D line-height: 1.2; D color: \#ffffff; D background: linear-
gradient(45deg, #4deeea, #4d8eea);D -webkit-background-clip: text;D color: transparent;D
        n: relative; D display: inline-block; D D D .hero-text p {D font-size: 1.1rem; D line-height:
position: relative; Đ
                                                  color: #bbbbbb;Đ }Đ
1.6;Đ
               margin-bottom: 2rem;Đ
                 .hero-btns {Đ display: flex;Đ gap: 1rem;Đ
             Đ .hero-btns .cta-btn.secondary {Đ
         }Đ
background: transparent;D border: 2px solid #4deeea;D color: #4deeea;D D hero-btns .cta-btn.secondary:hover {D
         background: rgba(77, 238, 234, 0.1); \mathbb{D} } \mathbb{D} .hero-image {\mathbb{D} flex: 0 0 45%; \mathbb{D} animation:
floatUpDown 4s ease-in-out infinite, heroImageFadeIn 1.5s ease-out;Đ
        Đ .hero-image img {Đ width: 100%;Đ border-
radius: 10px;Đ box-shadow: 0 20px 40px rgba(0, 0, 0, 0.4);Đ }Đ
        Đ /* Features Section */Đ .features {Đ padding:
6rem 2rem; D background: linear-gradient(0deg, #0d111c, #131927); D
}D b .section-header {D text-align: center; D
            font-size: 2.5rem;Đ
                                            margin-bottom: 1rem;Đ
position: relative; D display: inline-block; D color #ffffff; D } D .section-header h3::after {D content: ''; D position: absolute; D bottom: -10px; D
                                                                     color:
           left: 50%;D
transform: translateX(-50%);D
width: 80px;D height: 3px;D background: linear-
gradient(45deg, #4deeea, #4d8eea);D }D D .section-header p {D
    max-width: 700px;D margin: 0 auto;D color:
                 font-size: 1.1rem; D line-height: 1.6; D .features-container {D max-width: 1200px; D
#bbbbbb; Đ
           margin: 0 auto;Đ
                                        display: grid;Đ
template-columns: repeat(auto-fit, minmax(300px, 1fr));D
                                                                      gap: 2rem;Đ
}Đ Đ .feature-card {Đ gradient(145deg, #131927, #1d2533);Đ
                                                       background: linear-
                                                  border-radius: 15px;Đ
           padding: 2rem;Đ
                                 box-shadow: 0 10px 30px rgba(0, 0, 0,
                  transition: all 0.4s ease; position: relative; p
0.2);Đ
         overflow: hidden; \mathbb{D} z-index: 1; \mathbb{D} } \mathbb{D} .feature-card:hover {\mathbb{D} transform: translateY(-10px); \mathbb{D}
            box-shadow: 0 15px 40px rgba(77, 238, 234, 0.15); Đ
         .feature-card::before {Đ content: '';Đ
                                                                        position:
                      top: 0;Đ
                                           left: 0;Đ
                                                                width: 4px;Đ
absolute;Đ
                                   background: linear-gradient(45deg, #4deeea,
            height: 0;Đ
#4d8eea);D transition: height 0.4s ease;D z-index: -1;D
            D .feature-card:hover::before {D height}
}D D .feature-icon {D width: 60px;D height: 60px;D border-radius: 50%;D
       }Đ
                                                                height:
background: rgba(77, 238, 234, 0.1);Đ
                                            display: flex;Đ
align-items: center; D justify-content: center bottom: 1.5rem; D font-size: 1.8rem; D } D D .feature-card h4 {D
                                 justify-content: center;Đ
                                                                          margin-
                                                             color: #4deeea;Đ
                                                          font-size: 1.5rem;Đ
           margin-bottom: 1rem;Đ
                                              color: #ffffff;Đ
                                                                     }Đ
                                       color: #bbbbbb;Đ
         .feature-card p {Đ
                                                                      line-height:
         }Đ
                     Đ
                           /* Trading Charts Section */Đ .trading-
1.6;Đ
                     padding: 6rem 2rem;Đ background: #0a0e17;Đ
charts {Đ
position: relative; D overflow: hidden; D } D .trading-charts::before {D content: ''; D position: absolute; D top: 0; D left: 0; D w
                                                                                    Ð
                                                                           width:
100%;Đ
```

```
height: 100%;D background: url("/api/placeholder/1200/800") center/cover;D opacity: 0.05;D
index: 0; D \}D D .charts-container \{D max-width:
1200px;Đ margin: 0 auto;Đ position: relative;Đ z-index: 1;Đ }Đ Đ .chart-tabs {Đ display: flex;Đ
            justify-content: center;D gap: 1rem;D
                                                                          margin-
bottom: 2rem;Đ }Đ Đ .chart-tab {Đ padding: 0.8rem
                    background: linear-gradient(145deg, #131927, #1d2533); D
1.5rem;Đ
             border: none; D border-radius: 30px; D color:
                                            transition: all 0.3s ease; Đ
             cursor: pointer;Đ
#bbbbbb; Đ
                  Đ .chart-tab.active, .chart-tab:hover {Đ
       }∌
background: linear-gradient(45deg, #4deeea, #4d8eea);D color: #131927;D font-weight: 600;D }D D .chart-display {D
            background: linear-gradient(145deg, #131927, #1d2533); Đ
porder-radius: 15px;Đ padding: 2rem;Đ padding: 500px;Đ
                                                            box-shadow: 0 10px
                                                                  position:
                    overflow: hidden;Đ
                                             animation: chartAnimate 1s
relative;Đ
              }Đ Đ .chart-display img {Đ width: 100%;Đ
ease-out;Đ
display: grid;Đ
radius: 10px;Đ padding: 1.5rem;Đ text-align: center;Đ
            box-shadow: 0 5px 15px rgba(0, 0, 0, 0.2); Đ
                                                                      animation:
fadeInUp 0.8s ease-out;D }D D .stat-card h5 {D font-size: 1.1rem;D color: #bbbbbb;D margin-bottom: 0.8rem;D }D D .stat-card .value {D font-size:
       font-weight: 700; D color: #ffffff; D }D .stat-card .trend {D display: flex; D
1.8rem;Đ
                                  justify-content: center; Đ
align-items: center;Đ
                                                                        margin-
                         font-size: 0.9rem;Đ }Đ Đ
top: 0.5rem;Đ
                                                                        .trend.up {Đ
             color: \#fa4d4d; D }D /* Testimonials Se .testimonials {D padding: 6rem 2rem; D
                                                                     background:
linear-gradient(Odeg, #131927, #0d111c);D
                                                            Ð
overflow-x: auto;Đ
             scroll-snap-type: x mandatory; D scrollb
-ms-overflow-style: none; D gap: 2rem; D
                                                         scrollbar-width: none; Đ

}D D D .testimonial-slider::-webkit-
display: none;D }D D .testimonial-
flex: 0 0 350px;D scroll-snap-align: start;D

}

padding: 1rem 0;D }Đ
scrollbar {Đ
card {Đ
             background: linear-gradient(145deg, #131927, #1d2533); Đ
background: linear-gradient(145deg, #131927, #1d2533); b

border-radius: 15px; b

padding: 2rem; b

box-shadow: 0 10px

30px rgba(0, 0, 0, 0.2); b

position: relative; b

animation:

fadeInRight 1s ease-out; b

content: '"'; b

position: absolute; b

top: 10px; b

font-size: 6rem; b

color:

rgba(77, 238, 234, 0.1); b

line-height: 1; b

position: relative; b

top: 10px; b

font-family: Georgia, serif; b

line-height: 1; b

position: relative; b

testimonial-text { D

font-style: italic: D

color:
                                                                        top: 10px;Đ
        .testimonial-text {Đ
                                        font-style: italic;Đ
                                                                           color:
                    line-height: 1.6;D margin-bottom: 1.5rem;D
#bbbbbb; Đ
             50%;Đ
                 overflow: hidden;Đ
                                              margin-right: 1rem;Đ
```

Đ

```
.author-avatar img {Đ width: 100%;Đ height: 100%;Đ object-fit: cover;Đ }Đ Đ .authorinfo h5 {Đ font-size: 1.1rem;Đ color: \#ffffff;Đ margin-bottom: 0.2rem;Đ }Đ Đ .author-info p {Đ font-size: 0.9rem;Đ color: \#bbbbbb;Đ }Đ Đ /* CTA
Section */Đ .cta-section {Đ padding: Śrem 2rem;Đ
background: linear-gradient(135deg, #0a0e17, #131927); text-align:
center; D position: relative; D overflow: hidden; D } D .cta-section::before {D content: ''; D position: absolute; D top: -100px; D right: -100px; D width: 300px; D height: 300px; D border-radius: 50%; D background: rgba(77, 238, 234, 0.05); D z-index: 0; D
                                                                                                                                 }Ð Ð
                         animation: floatAroundLarge 15s linear infinite;Đ
cta-section::after {Đ content: '';Đ position: absolute;Đ bottom: -80px;Đ left: -80px;Đ widt 200px;Đ border-radius: 50%;Đ background: rgba(77, 142, 234, 0.05);Đ z-index: 0;Đ
                                                                                                                                      width:
color: #bbbbb;D margin-bottom: 2rem;D }D D

.cta-form {D display: flex;D max-width: 500px;D

margin: 0 auto;D position: relative;D }D D

.cta-input {D flex: 1;D height: 60px;D

border-radius: 30px;D border: none;D padding: 0 2rem;D

background: linear-gradient(145deg, #131927, #1d2533);D

relate: #ffffff;D
background: linear-gradient(145deg, #131927, #1d2533); D

color: #ffffff; D

font-size: lrem; D

box-shadow: 0 5px 15px

rgba(0, 0, 0, 0.2); D

D

outline: none; D

box-shadow: 0 5px 20px rgba(77, 238, 234, 0.2); D

box-shadow: 0 5px 20px rgba(77, 238, 234, 0.2); D

position: absolute; D

right: 5px; D

border-radius: 25px; D

border-radius: 25px; D

border-radius: 25px; D

border: none; D

padding: 0 2rem; D

font-weight: 600; D
                      cursor: pointer; D transition: all 0.3s ease; D }D
                           .cta-btn-submit:hover {Đ transform: translateX(3px);Đ
                        box-shadow: 0 5px 15px rgba(77, 238, 234, 0.3); Đ Đ
/* Footer */Đ footer {Đ background: #0a0e17;Đ padding: 4rem 2rem;Đ color: #bbbbbb;Đ }Đ footer-container {Đ max-width: 1200px;Đ margin: 0 auto;Đ }Đ Đ footer-top {Đ display:
grid;Đ
                               grid-template-columns: repeat(auto-fit, minmax(200px, 1fr));D
grid/B grid-template-columns. repeat(auto-lit, minmax(200px, lil)),
gap: 2rem;B margin-bottom: 3rem;B }B B

.footer-logo {B grid-column: 1 / span 2;B }B B

.footer-logo .logo {B margin-bottom: 1.5rem;B }B

B .footer-about {B max-width: 300px;B line-height: 1.6;B font-size: 0.95rem;B }B B .footer-links h4 {B font-size: 1.2rem;B color: #fffffff;B
                                                                                                                                                line-
                       margin-bottom: 1.5rem;Đ position: relative;Đ
aline-block;Đ }Đ Đ .footer-links h4::af
display: inline-block;D }D D .footer-links h4::after {D content: '';D position: absolute;D bottom: -8px;D left: 0;D width: 30px;D height: 2px;D
                 background: linear-gradient(45deg, #4deeea, #4d8eea); D }D .footer-links ul {D list-style: none; D }D .footer-links ul li {D margin-bottom: 0.8rem; D }D .footer-links ul li a {D color: #bbbbbb; B
                 Đ
                                                                                                                          color: #bbbbbb;Đ
                        text-decoration: none;Đ
```

```
transition: all 0.3s ease;Đ
          font-size: 0.95rem;Đ
                               }Đ
                                             .footer-links ul li
                                        padding-left: 5px;D }D
a:hover {Đ color: #4deeea;Đ
          .footer-bottom \{\mathtt E
                                    border-top: 1px solid rgba(255,
     Ð
255, 255, 0.1); Đ padding-top: 2rem; Đ
                                               display: flex;Đ
          justify-content: space-between; Đ
                                              align-items: center;Đ
          flex-wrap: wrap;Đ gap: lrem;Đ }Đ
                                                     Ð
      font-size: 0.9rem;Đ
                                                     }Đ
                                                   gap: 1rem;Đ
           Đ .social-link {Đ width: 40px;Đ
      }Đ
                   border-radius: 50%;Đ
height: 40px;Đ
                                         background: linear-
gradient(145deg, #131927, #1d2533);Đ display: flex;Đ
align-items: center;Đ
                          justify-content: center;Đ
                                                         color:
#bbbbbb;D text-decoration: none;D transition: all 0.3s ease;D font-size: 1.2rem;D }D .social-
link:hover {Đ
                   background: linear-gradient(45deg, #4deeea, #4d8eea); Đ
          color: #131927;Đ
                         transform: translateY(-3px);D
          /* Animations */Đ @keyframes headerSlideDown {Đ
                   transform: translateY(-100%);D
          from {Đ
}Đ
        @keyframes logoPulse \{\mathtt E
                                  from {Đ
transform: scale(1);Đ
                    }Đ
                                     to \{ {\mathtt D}
                                                      transform:
                    }Đ
scale(1.05);Đ
                                  Ð
                                         @keyframes logoRotate {Đ
          from {Đ
                            transform: rotate(0deg);D
                          transform: rotate(360deg);Đ
          to {Đ
                                                          }Đ
             Đ @keyframes ctaPulse {Đ
                                               from {Đ
             box-shadow: 0 0 0 rgba(77, 238, 234, 0);Đ
                                                         }Đ
                         box-shadow: 0 0 15px rgba(77, 238, 234, 0.5); Đ
          to {Đ
          Đ @keyframes heroTextSlide {Đ
                  transform: translateX(-50px);D
from {Đ
                                                        opacity: 0;Đ
                  to {Đ
                                  transform: translateX(0);D
             opacity: 1;Đ
                                                      @keyframes
                                }Đ
                                      }Ð Ð
heroImageFadeIn {Đ from {Đ
                                          transform:
translateX(50px);Đ
                        opacity: 0;Đ
                                              }Đ
                                                         to {Đ
             transform: translateX(0);D
                                               opacity: 1;Đ
                 }Đ Đ @keyframes floatUpDown {Đ
                                                             0왕,
100% {Đ
                  transform: translateY(0);D
                                                            50% {Đ
                                                       }Đ
             transform: translateY(-15px);D
                                                             Æ
      @keyframes chartAnimate {D from {D
                                     m (₽
}Đ
                                                       opacity: 0;Đ
             transform: scale(0.98);
                                                     to {Đ
             opacity: 1;Đ
                                   transform: scale(1);Đ
                                                               }Đ
                @keyframes fadeInUp {D from {D
             opacity: 0;Đ
                                    transform: translateY(20px); D
          }Đ
              to {Đ
                                     opacity: 1;Đ
transform: translateY(0);D
                                      }Đ
                               }Đ
                                         Ð
                                                    @keyframes
                                       opacity: 0;Đ
transform: translateX(-20px);D
                                 }Đ
                                            to {Đ
                     transform: translateX(0);Đ
opacity: 1;Đ
                                                      }Đ
                                                             }Đ
      Ð
             @keyframes floatAroundLarge {Đ
                                                0% {Đ
                                           25% {Đ
transform: translate(0, 0);D
                                                 50% {Đ
transform: translate(-50px, 50px);D
                                      }Đ
                                                  }Đ
            transform: translate(-100px, 0);Đ
                                                             75% {Đ
             transform: translate(-50px, -50px); D
                                                     }Đ
                 transform: translate(0, 0);D
                                                   }Đ
            @keyframes floatAroundSmall {Đ
                                                0% {Đ
transform: translate(0, 0);D
                                           25% {Đ
transform: translate(30px, -30px); D
                                                 50% {Đ
                                      }Đ
             transform: translate(60px, 0); D
                                                }Đ
                                                           75% {Đ
             transform: translate(30px, 30px); D
```

```
}Đ
                     transform: translate(0, 0);D
100% {Đ
                                                           }Đ
               /* Responsive Styles */Đ @media (max-width: 992px) {Đ
            .hero-content {Đ
                                         flex-direction: column;Đ
               text-align: center;Đ
                                                                      .hero-
                                                          Ð
                     flex: 0 0 100%;Đ
                                                   margin-bottom: 3rem;Đ
text {Đ
           }Đ
                                    .hero-btns {Đ
                                                               justify-
content: center;Đ
                           }Đ
                                       Ð
                                                    .chart-stats {Đ
               grid-template-columns: repeat(2, 1fr);D
                                                                }Đ
                                                                         }Đ
       Ð
               @media (max-width: 768px) {Đ
                                                     .hero-text h2 {Đ
                                             }Đ
               font-size: 2.5rem; D
                                                         Ð
            .header-container {Đ
                                             flex-direction: column;Đ
               gap: 1rem; D
                                     }Đ
                                                             nav ul {Đ
                                                 Ð
               flex-wrap: wrap; Đ
                                               justify-content: center; Đ
                        Ð
                                   nav ul li {Đ
                                                              margin: 0
                                                                      grid-
1rem;Đ
                                         .footer-logo {Đ
                             Ð
column: 1 / -1;Đ
                                   }Đ
                                                   @media (max-width:
                          }Đ
                                           Ð
                   .hero-text h2 {Đ
                                                 font-size: 2rem; D
576px) {Đ
           }Đ
                        Ð
                                    .cta-form {Đ
                                                              flex-
direction: column;Đ
                             }Đ
                                                      .cta-btn-submit {Đ
                                       Ð
               position: static; D
                                               width: 100%; Đ
margin-top: 1rem;Đ
                              height: 50px;Đ
                                                        }Đ
           .chart-stats {Đ
                                         grid-template-columns: 1fr; D
           }Đ
                                    .footer-bottom {Đ
                                                                   flex-
                        Ð
direction: column;Đ
                                 text-align: center;Đ
                                                               }Đ
                                                                            Ð
                                         justify-content: center;Đ
           .social-links {Đ
                   }Đ </style>Đ/head>Đbody>Đ <!-- Header Section -->Đ
               <div class="header-container">Đ
                                                        <div class="logo">Đ
<header>Đ
               <div class="logo-icon"></div>Đ
                                                           <h1>TradePro</h1>Đ
           </div>Đ
                             <nav>Đ
                                                 Đ
<a href="#home">Home</a>Đ
                                                   <a
href="#features">Features</a>Đ
                                                     <a
                                                   <a
href="#markets">Markets</a>Đ
href="#pricing">Pricing</a>Đ
                                                   <a</li>
href="#about">About</a>Đ
                                          Đ
                                                           </nav>Đ
           <button class="cta-btn">Start Trading</putton>Đ
                                                                </div>Đ
                                                                          </
          Ð
             <!-- Hero Section -->Đ <section class="hero" id="home">Đ
header>Đ
       <div class="hero-content">Đ
                                            <div class="hero-text">Đ
               <h2>Trade <span>Smarter</span>, Not Harder</h2>Đ
               Experience a new generation of trading with TradePro's
advanced platform. Real-time analysis, AI-powered insights, and commission-
free trades to maximize your profits.Đ
                                                       <div class="hero-
btns">Đ
                         <button class="cta-btn">Get Started/button>Đ
                   <button class="cta-btn secondary">Learn More</button>Đ
               </div>Đ
                                 </div>Đ
                                                  <div class="hero-image">Đ
               <img src="https://images.unsplash.com/</pre>
photo-1605792657660-596af9009e82?
q=80&w=1402&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVuf
alt="Trading Platform Dashboard">Đ
                                           </div>Đ
                                                         </div>Đ </
section>Đ
          Đ <!-- Features Section -->Đ <section class="features"
id="features">Đ
                    <div class="section-header">Đ
                                                            <h3>Powerful
Features</h3>Đ
                       Discover the tools that make TradePro the
preferred choice of professional traders around the world.Đ
       <div class="features-container">Đ
                                                  <div class="feature-card">Đ
               <div class="feature-icon">Ø=ÜÊ</div>Đ
                                                              <h4>Real-Time
Analytics</h4>Đ
                             Access comprehensive market analysis and
real-time data from global markets to make informed trading decisions.Đ
           </div>Đ
                     <div class="feature-card">Đ
                                                                      <div
class="feature-icon">Ø>Ý </div>Đ
                                         <h4>AI Trading Assistant</h4>Đ
               Our advanced AI analyzes patterns and trends to suggest
optimal trading strategies tailored to your risk profile.Đ
```

div>Đ <div class="feature-card">Đ <div class="feature-<h4>Multi-Platform Access</h4>Đ icon">Ø=Üñ</div>Đ Trade on the go with our seamless experience across desktop, web, and mobile applications with real-time synchronization.Đ </div>Đ <div class="feature-card">Đ <div class="featureicon">Ø=Ý </div>Đ <h4>Bank-Level Security</h4>Đ Your assets are protected with industry-leading encryption, two-factor authentication, and regular security audits.Đ </div>Đ <div class="feature-card">Đ <div class="feature-icon">Ø=ÜÈ</div>Đ <h4>Advanced Charting</h4>Đ 0ver 100+ technical indicators and drawing tools to analyze market trends and make precise predictions.Đ </div>Đ <div class="feature-<div class="feature-icon">Ø=ܰ</div>Đ card">Đ <h4>Commission-Free</h4>Đ Trade stocks, ETFs, and cryptocurrencies without any commission fees. Only pay for premium features </div>Đ Đ Đ/body>Đ/html> you choose.Đ

demo\target\classes\static\user_dashboard3.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>D
                                      <meta charset="UTF-8">Đ
<title>User Dashboard</title>Đ
                                 <link rel="stylesheet" href="https://</pre>
                             Ð
cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.0/css/all.min.css">Đ
<script src="https://cdn.jsdelivr.net/npm/sockjs-client@1/dist/</pre>
sockjs.min.js"></script>D <script src="https://cdn.jsdelivr.net/npm/</pre>
stompjs@2.3.3/lib/stomp.min.js"></script>D <link rel="stylesheet"</pre>
href="user dashboard3.css">D/head>Dbody>D <header class="header">D
<button class="hamburger" id="menuToggle">Đ
                                                  <i class="fas fa-
                                <div class="logo"><img src="pics/astrolite</pre>
bars"></i>Đ
                </button>Đ
tech logo.png" alt="img" class="image"></div>Đ
                                                 <div class="header-
title">User Management System</div>Đ
                                        <div class="user-info-mini">Đ
                   <div class="user-data">Đ
id="headerUserName" class="username">Loading...</span>Đ
id="headerUserRole" class="name" style="font-size: 12px; color: black;
margin-left: 8px;">(Role)</span>Đ
                                        </div>Đ
                                                      </div>Đ
       <aside class="sidebar" id="sidebar">Đ
                                                <div class="sidebar-
header">Đ
                  <div class="user-info">Đ
                                                     <div class="user-
avatar" id="userAvatar">U</div>Đ
                                           <div>Đ
                                                                   <div
class="user-name" id="sidebarUserName">Loading...</div>Đ
<div class="user-role" id="sidebarUserRole">Role</div>Đ
<div class="user-status" id="userStatus">Online</div>Đ
                                                                </div>Đ
           </div>Đ
                        </div>Đ
                                     Đ
<a href="#" onclick="showModule('dashboardModule')"><i class="fas fa-</pre>
tachometer-alt"></i> Dashboard</a>Đ
                                               <a href="#"
onclick="showModule('userProfileModule')"><i class="fas fa-user"></i>
Profile</a>Đ
                          <a href="#"
onclick="showModule('settingsModule')"><i class="fas fa-cog"></i> Settings</
a>Đ
                 <a href="#"><i class="fas fa-chart-bar"></i>
Analytics</a>Đ
                           <a href="#"
onclick="showModule('chatModule')"><i class="fas fa-comment-sms"></i> Chat</
                          <button id="logout" class="logout-btn">Đ
             Đ
           <i class="fas fa-sign-out-alt"></i> LogoutĐ
                                                         </button>Đ
             <main class="main-content" id="mainContent">Đ
                                                             <div
aside>Đ
id="dashboardModule" class="module" style="display: block;">Đ
class="dashboard-header">Đ
                                  <h1 class="dashboard-title">Dashboard/
              <div class="breadcrumb">Home &gt; Dashboard</div>Đ
h1>Đ
                                                                   </div>Đ
   Ð
           <div class="data-card fade-in">Đ
                                                   <h2>Session
Information</h2>Đ
                          <div id="sessionDataContainer">Đ
<div class="loading" id="sessionLoading">Loading...</div>Đ
Đ
                  <thead>Đ
                                               Đ
                                                    User IDĐ
                          UsernameĐ
Sign-in TimeĐ
                                             Logout TimeĐ
                          RoleĐ
StatusĐ
                                    Đ
                                                           </thead>Đ
                  Đ
                                               Đ
                                                    <td
id="userIdDisplay">Đ
                                                <td
id="userNameDisplay">Đ
                                                  <td
id="signinTimeDisplay">Đ
                                                    <td
id="logoutTimeDisplay">Đ
                                                    <td
id="roleDisplay">Đ
                                              Đ
                      Đ
                                             Đ
                                                                    </
table>Đ
                </div>Đ
                             </div>Đ
                                          </div>Đ
                                                      <!-- USER PROFILE
MODULE -->Bdiv id="userProfileModule" class="module" style="display: none;">Đ
   <div class="dashboard-header">Đ
                                       <h1 class="dashboard-title">User
Profile</hl>Đ
                 <div class="breadcrumb">Home &gt; Profile</div>D </div>D
 Ð
```

```
<div class="profile-photo">Đ
     <div class="profile-card">Đ
                                                                   <img
id="profileImage" class="profile-pic" src="pics/
istockphoto-1316947194-612x612.jpg" alt="Profile Image" />D </div>Đ
<div class="profile-details">Đ
                                <div class="profile-row">Đ
class="profile-label">User ID:</span>Đ
                                           <span
id="profileUserId">Loading...</span>Đ
                                        </div>Đ
                                                     <div class="profile-
             <span class="profile-label">Name:</span>Đ
id="profileUserName">Loading...</span>Đ </div>Đ
                                                       <div
class="profile-row">Đ
                           <span class="profile-label">Email:</span>Đ
         <span id="profileEmail">Loading...</span>D </div>D
                                                                   <div
                           <span class="profile-label">Phone:</span>Đ
class="profile-row">Đ
         <span id="profilePhone">Loading...</div>
                                                                   <div
class="profile-row">Đ
                           <span class="profile-label">Role:</span>Đ
         <span id="profileRole">Loading...</span>Đ
                                                 </div>Đ
                                                                  <div
                           <span class="profile-label">Referral Code:
class="profile-row">Đ
             <span id="profileReferralCode">Loading...</span>Đ
                                                                 </div>Đ
       <div class="profile-row">Đ
                                       <span class="profile-</pre>
label">Created At:</span>Đ
                               <span id="profileCreatedAt">Loading...
                       </div>Đ </div>Đ div id="settingsModule"
           </div>Đ
<h1 class="dashboard-title">User Settings</h1>Đ
                                                    <!-- Username
class="breadcrumb">Home > Settings</div>Đ
                                       </div>Đ Đ
Section -->Đ <div class="settings-section">Đ
                                                <label>Username:</label>Đ
       <span id="currentUsername" class="current-value">Loading.../span>Đ
       <div id="usernameEdit" class="edit-section">Đ
                                                           <input
type="text" id="usernameInput" placeholder="Enter new username" />Đ
<button class="save-button" onclick="saveUsername()">Save</button>Đ
<button class="cancel-button" onclick="cancelEdit('username')">Cancel</button>Đ
       </div>Đ
                 Đ </div>Đ <!-- Phone Section -->Đ <div
                             <label>Phone:</label>Đ
class="settings-section">Đ
                                                         <span
id="currentPhone" class="current-value">Loading...</span>D
                                                          <div
id="phoneEdit" class="edit-section">Đ
                                            <input type="tel"</pre>
id="phoneInput" placeholder="Enter new phone number" />Đ
                                                              <button
class="save-button" onclick="savePhone()">Save</button>D
                                                              <button
class="cancel-button" onclick="cancelEdit('phone')">Cancel/button>Đ
                                                                     </
       </div>Đ
                 <!-- Single Edit Button -->Đ <div class="settings-
div> Đ
section">Đ
               <button class="edit-button" id="editProfileBtn"</pre>
onclick="editProfile()">Edit Profile</button>Đ </div>Đ
                                                     <!-- Profile
Picture -->Đ <div class="settings-section">Đ
                                                <label>Change Profile
Picture:</label>Đ
                  <img id="settingsImage" class="profile-pic" src="pics/</pre>
istockphoto-1316947194-612x612.jpg" alt="Current Profile Image" />Đ
<input type="file" id="uploadInput" accept="image/*" />Đ </div>Đ
id="settingsStatus" class="status-msg"></div>Đ
                                            <div id="successPopup">Đ
</div>Đ </div>Đ Đ Đ Đ Đ Đ Đ Đ Đ đơiv id="chatModule" class="module"
style="display: none;">Đ <h2>Chat</h2>Đ Đ <!-- Chat Box to display
messages -->Đ <div class="chat-box" id="chatBox">Đ
                                                    <!-- Messages will
be displayed here -->Đ </div>Đ <!-- Notification Area (Hidden initially)
-->Đ <div id="notificationArea" style="display: none; position: fixed; top:
20px; left: 50%; transform: translateX(-50%); background-color: #4caf50;
color: white; padding: 10px 20px; border-radius: 5px; cursor: pointer;">Đ
New message received!Đ </div>ĐĐ <!-- Loading indicator -->Đ
id="loadingIndicator" style="display: none;">Loading...</div>D <!--
Message Input Section -->Đ <div class="chat-input-area">Đ <input
type="text" id="chatInput" placeholder="Type your message..." />D
                                                                 <button
onclick="sendChatMessage()">Send</button>Đ </div>Đ </div>Đ </main>Đ
         Đ <script src="user_dashboard3.js"></script> Đ Đ/body>Đ/html>Đ
```

demo\target\classes\static\user_dashboard4.html

```
<!DOCTYPE html>Bhtml lang="en">Bhead>D <meta charset="UTF-8">D <meta
name="viewport" content="width=device-width, initial-scale=1.0">Đ
<title>User Dashboard</title>D <style>D :root {D
color: #4361ee;D --secondary-color: #3f37c9;D --success-color: #4caf50;D --danger-color: #f44336;D --light-color:
color: #4caf50;D --danger-color: #f44336;D --light-color
#f5f5f5;D --dark-color: #333;D --sidebar-width: 250px;D
--header-height: 60px;D --box-shadow: 0 2px 10px
                 0, 0, 0.1); D --transition: all 0.3s ease; D margin: 0; D padding: 0; D box-
rgba(0, 0, 0, 0.1);Đ
{Đ
                                                                                                                 box-sizing: border-
                          font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif; D
box; Đ
                               body {D background-color: #f8f9fa;D
color: var(--dark-color); D position: relative; D m height: 100vh; D } D /* Header styles */D .header {D
                       background-color: white;Đ
                                                                                    height: var(--header-height);Đ
                        padding: 0 20px; D display: flex; D
top: 0;Đ left: 0;Đ right: 0;Đ
                pointer; Đ
                        border: none; Đ /* Sidebar styles */Đ
.sidebar {D background-color: white;D width: var(--sidebar-width);D height: calc(100vh - var(--header-height));D
                     position: fixed;Đ
                                                                              top: var(--header-height);Đ
                                     box-shadow: var(--box-shadow);Đ
left: 0;Đ
                                                                                                                         padding-top:
                transition: var(--transition);D z-index }D .sidebar.collapsed {D left: -250px;D
20px;Đ
                                                                                                                     z-index: 99;Đ
.sidebar-header {Đ padding: 0 20px 20px;Đ border-bottom: 1px solid #eee;Đ margin-bottom: 20px;Đ }Đ .user-info {Đ display: flex;Đ align-items: center;Đ }Đ
               .user-avatar {Đ width: 45px;Đ height: 45px;Đ border-radius: 50%;Đ background-color: var(--primary-color: white;Đ display: flex;Đ align
                                   color: white; D display: flex; D align justify-content: center; D font-weight:
color);Đ
items: center;Đ
bold; \theta margin-right: \theta .user-name {\theta font-weight: \theta font-size: 1.1rem; \theta margin-bottom: \theta
style: none; D } D .nav-menu li {D margin-bottom: D } D .nav-menu a {D display: flex; D align-
items: center;D padding: 12px 20px;D color: var(--dark-
color);D text-decoration: none;D transition: var(--
transition);D }D .nav-menu a:hover, .nav-menu a.active {D
                  background-color: rgba(67, 97, 238, 0.1); D color: var(--
primary-color); D border-left: 3px solid var(--primary-color); D
   \}Đ .nav-menu a i \{Đ
                                                                                      margin-right: 10px;Đ
font-size: 1.2rem; D }D .logout-btn {D margir padding: 10px; D background-color: #f8f9fa; D border: 1px solid #ddd; D border-radius: 5px; D cursor: pointer; D width:
                                                                                                                       margin: 20px;Đ
                                                                                                                     width: calc(100% -
40px);Đ font-weight: 600;Đ display: flex;Đ
align-items: center; D justify-content: center; D
transition: var(--transition); D } D .logout-btn:hover {D background-color: var(--danger-color); D color: white; D } D /* Main content styles */D .main-content {D margin left: var(--sidebar-width); D margin-top: var(--header-height); D margin-top
                     padding: 20px;Đ
```

```
transition: var(--transition); D
                                                                   }Đ
       .main-content.expanded {Đ
                                      margin-left: 0;Đ
       .dashboard-header {Đ
                                  margin-bottom: 20px;Đ
                                                            }Đ
                                                            font-
       .dashboard-title {Đ
                                 font-size: 1.8rem;Đ
weight: 600;Đ
                     margin-bottom: 5px;Đ
                                                color: var(--dark-
color);Đ
                     .breadcrumb {Đ
                                           font-size: 0.9rem;Đ
             }Đ
                                margin-bottom: 20px;Đ
          color: #666;Đ
       .data-card {Đ
                            background-color: white; D
                                                            border-
                     box-shadow: var(--box-shadow);D
radius: 8px;Đ
                                                           padding:
              margin-bottom: 20px;Đ
                                       }Đ
20px;Đ
                                               .data-card h2 {Đ
                                    margin-bottom: 15px;Đ
          font-size: 1.2rem;Đ
color: var(--dark-color);
                                border-bottom: 1px solid #eee;Đ
          border-collapse: collapse;Đ
width: 100%; Đ
                                                            .session-
table th, .session-table td {Đ padding: 12px 15px;Đ
                                                                text-
                    border-bottom: 1px solid #eee;Đ }Đ
align: left;Đ
       .session-table th {Đ font-weight: 600;Đ
                                                            color:
        background-color: #f8f9fa;D }D
                                                     .session-table
                         border-bottom: none;Đ
                                                   }Đ .session-
tr:last-child td {Đ
                        padding: 5px 10px;Đ
table .status {Đ
                                                  border-radius: 20px;Đ
          font-size: 0.85rem; D
                                      font-weight: 500;Đ }Đ
       .session-table .status.active {Đ
                                     background-color: rgba(76,
175, 80, 0.1);Đ
                      color: var(--success-color);D
                                                    }Đ
       .session-table .status.inactive {Đ background-color:
rgba(244, 67, 54, 0.1);Đ
                              color: var(--danger-color);D
                          display: flex;Đ
       .loading {Đ
                                                 justify-content:
center;Đ
                                             height: 100px;Đ
                align-items: center;Đ
       .loading:after {D content: " ";D display: block;D
          width: 40px;Đ
                               height: 40px;Đ
                                                      border-radius:
              border: 6px solid var(--primary-color); Đ
                                                           border-
color: var(--primary-color) transparent var(--primary-color) transparent; D
          animation: loader 1.2s linear infinite;Đ
                                                   }Đ
@keyframes loader {Đ
                           0% {Đ
                                             transform: rotate(0deg);D
           }Đ
                      100% {Đ
                                         transform: rotate(360deg);Đ
           }Đ
                  }Đ /* Responsive styles */Đ
                                                      @media screen
and (max-width: 768px) {Đ
                          .hamburger {Đ
                                                        display:
block; Đ
              }Đ
                           .sidebar {Đ
                                                  left: -250px;Đ
                      .sidebar.active {Đ
                                                   left: 0;Đ
           }Ð
           }Đ
                      .main-content {Đ
                                                 margin-left: 0;Đ
                                                 margin-left: 20px;Đ
           }Đ
                      .header-title {Đ
          }Đ
                  }Đ </style>Đ <!-- Icon library for menu icons -->Đ
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-</pre>
awesome/6.4.0/css/all.min.css">D/head>Dbody>D <!-- Header -->D
class="header">Đ <button class="hamburger" id="menuToggle">Đ
<i class="fas fa-bars"></i>Đ
                              </button>Đ <div class="header-
title">User Management System</div>Đ <div class="user-info-mini">Đ
          <span id="headerUserName"></span>Đ
                                           </div>Đ </header>Đ
<!-- Sidebar -->Đ
                 <aside class="sidebar" id="sidebar">Đ
                                                         <div
class="sidebar-header">Đ
                               <div class="user-info">Đ
<div class="user-avatar" id="userAvatar"></div>Đ
                                                        <div>Đ
                  <div class="user-name" id="sidebarUserName">Loading...
                     <div class="user-status" id="userStatus">Online</div>D
div>Đ
                                        </div>Đ
              </div>Đ
                             </div>Đ
                                                    <a href="#" class="active"><i class="fas fa-tachometer-</pre>
menu">Đ
                                  <a href="#"><i class="fas fa-
alt"></i> Dashboard</a>Đ
user"></i> Profile</a>Đ
                                  <a href="#"><i class="fas fa-
                                  <a href="#"><i class="fas fa-chart-
cog"></i> Settings</a>Đ
bar"></i> Analytics</a>Đ
                                  <a href="#"><i class="fas fa-
bell"></i> Notifications</a>Đ
                                   Đ
                                                <button id="logout"</pre>
class="logout-btn">Đ
```

```
<i class="fas fa-sign-out-alt" style="margin-</pre>
right: 10px;"></i> LogoutĐ
                                            </aside>Đ <!-- Main Content --
                               </button>Đ
    <main class="main-content" id="mainContent">Đ
                                                      <div
class="dashboard-header">Đ
                                   <h1 class="dashboard-title">Dashboard/
h1>Đ
              <div class="breadcrumb">Home > Dashboard</div>Đ
       <div class="data-card">Đ
                                        <h2>Session Information</h2>Đ
           <div id="sessionDataContainer">Đ
                                                        <div
class="loading" id="sessionLoading"></div>Đ
                                                       <table
class="session-table" id="sessionTable" style="display: none;">Đ
                   <thead>Đ
                                                Đ
                          User IDĐ
Sign-in TimeĐ
                                               Logout TimeĐ
                          EmailĐ
                                        StatusĐ
PhoneĐ
                       Đ
                                               </thead>Đ
Đ
                                                            <td
                             Đ
id="userIdDisplay">Đ
                                                 <td
id="signinTimeDisplay"></ra>
                                                     <td
id="logoutTimeDisplay"></ra>
                                                     <td
                                                Đ
id="emailDisplay">Đ
                          Đ
                                               Đ
                       Đ
                                                                      </
table>Đ
                 </div>Đ
                              </div>Đ
                                        </main>Đ
                                                                  // DOM
                                                  <script>Đ
ElementsĐ
               const menuToggle = document.getElementById('menuToggle');D
       const sidebar = document.getElementById('sidebar');D
                                                                const
mainContent = document.getElementById('mainContent');D
                                                          const logoutBtn
                                      const sessionLoading =
= document.getElementById('logout');D
document.getElementById('sessionLoading');D
                                              const sessionTable =
document.getElementById('sessionTable');D
                                             // Toggle sidebarĐ
menuToggle.addEventListener('click', () => {D
sidebar.classList.toggle('active');D
mainContent.classList.toggle('expanded');D
                                               });Đ
                                                         // Format
datetime for displayĐ
                          function formatDateTime(dateTimeStr) {Đ
if (!dateTimeStr) return 'N/A';D
                                        const date = new Date(dateTimeStr); D
           return new Intl.DateTimeFormat('en-US', {Đ
                        month: 'short',Đ
                                                      day: 'numeric',Đ
'numeric',Đ
               hour: '2-digit',Đ
                                             minute: '2-digit',Đ
               second: '2-digit'Đ
                                           }).format(date);
       // Check if user is logged inĐ
                                          function checkUserLoggedIn() {Đ
           const userId = sessionStorage.getItem("userId");D
                                                                     const
userName = sessionStorage.getItem("userName");D
                                                                  Ð
                       // Display user info in sidebar and headerĐ
           Ð
document.getElementById("sidebarUserName").textContent = userName;D
document.getElementById("headerUserName").textContent = userName; D
document.getElementById("userAvatar").textContent =
userName.charAt(0).toUpperCase();D
                                                      return true;Đ
                                                                         }Đ
                                          Ð
       // Load dashboard dataĐ
                                    function loadDashboardData() {Đ
           if (!checkUserLoggedIn()) return; D
                                                                  const
                                                      Ð
userId = sessionStorage.getItem("userId");D
                                                               // Show
                                                   Ð
loading indicatorĐ
                           sessionLoading.style.display = 'flex';D
           sessionTable.style.display = 'none';D
                                                                     //
                                                         Ð
Fetch user session dataĐ
                             fetch(`http://localhost:8080/api/
user_sessions/${userId}`)D
                                       .then(response => \{Đ
                   if (!response.ok) {Đ
                                                            throw new
Error('Network response was not ok');D
                                                      }Đ
return response.json();Đ
                                     } ) Đ
                                                      .then(data => {Đ
                   // Hide loading indicator and show tableĐ
                   sessionLoading.style.display = 'none';D
sessionTable.style.display = 'table';D
                   // Populate table with dataĐ
```

```
document.getElementById("userIdDisplay").textContent = data.userId || "N/A";D
                   document.getElementById("signinTimeDisplay").textContent
= formatDateTime(data.signinTime);D
document.getElementById("logoutTimeDisplay").textContent = data.logoutTime ?
formatDateTime(data.logoutTime) : "Active"; D
document.getElementById("emailDisplay").textContent = data.email |  "N/A"; D
                   document.getElementById("phoneDisplay").textContent =
data.phone | "N/A";Đ
                                      Ð
                                                         // Set statusĐ
                   const statusDisplay =
document.getElementById("statusDisplay");D
                                                          if
(data.isActive) {Đ
                                       statusDisplay.innerHTML = '<span</pre>
class="status active">Online</span>';D
document.getElementById("userStatus").textContent = "Online";D
                      document.getElementById("userStatus").style.color =
"var(--success-color)";Đ
                                         } else {Đ
statusDisplay.innerHTML = '<span class="status inactive">Offline</span>';Đ
                      document.getElementById("userStatus").textContent =
"Offline";Đ
document.getElementById("userStatus").style.color = "var(--danger-color)";D
                   }Đ
                                   } )Ð
                                                    .catch(error => {Đ
                   console.error("Error loading dashboard data:", error);D
                   sessionLoading.style.display = 'none';D
alert("Failed to load dashboard data. Please try again.");D
                                                                      });Đ
               // Handle logoutĐ
                                  logoutBtn.addEventListener('click',
       }Đ
function() {Đ
                      const userId = sessionStorage.getItem("userId");D
           Ð
                      if (!userId) {Đ
                                                   alert("No active
session found. Redirecting to login page..."); Đ
window.location.href = "signin.html"; D
                                                  return;Đ
                      // Disable logout button to prevent multiple clicksĐ
           logoutBtn.disabled = true; D
                                               logoutBtn.innerHTML = '<i</pre>
class="fas fa-spinner fa-spin" style="margin-right: 10px;"></i> Logging
out...';Đ
                             logoutBtn.addEventListener('click',
                  Ð
function() {D const userId = sessionStorage.getItem("userId");D D
Disable logout button to prevent multiple clicksĐ
                                                logoutBtn.disabled = true;Đ
   logoutBtn.innerHTML = '<i class="fas fa-spinner fa-spin" style="margin-
console.log("No userId found in
send to the serverĐ if (!userId) {Đ
session storage");Đ
                       // Just redirect to login since there's no session
to clear server-sideĐ
                         sessionStorage.clear();Đ
window.location.href = "signin.html"; D
                                         return;Đ
                                                     }Đ
                                                        Ð
                                                            // Send
logout request to serverD fetch("http://localhost:8080/api/logout", {D
       method: "POST",Đ
                          headers: {Đ
                                                  "Content-Type":
"application/json"Đ
                        },D body: JSON.stringify({ userId: userId })D
   })D .then(response => {D
                                 // Always clear local session data
regardless of server responseĐ
                                  sessionStorage.clear();Đ
       // Process the responseĐ
                                   if (!response.ok) \{Đ
console.warn("Server returned error during logout, but continuing with client
logout");Đ
                   window.location.href = "signin.html";D
                                                                  return
null; // Don't try to parse JSON if response is not OKĐ
                                                                   return
if (data) {Đ
console.log("Logout response:", data);
                                               Ð
                                                           // Even if
server says "no active session", we still want to logout locallyĐ
if (data.message.includes("No active session")) {Đ
console.log("Server reports no active session, but proceeding with client
logout");Đ
                    }Đ
                            }Đ
                                    Ð
                                            // Always redirect to login
pageĐ
           window.location.href = "signin.html";D })D .catch(error => {D
       console.error("Logout error:", error);D
                                                           // Even if
                                                   Ð
there's an error, clear session and redirectĐ
                                                 sessionStorage.clear();D
       window.location.href = "signin.html"; D
```

});\(\partial);\(\Delta\));\(\Delta\) });\(\Delta\) });\(\Delta\) //
Initialize dashboard on page load\(\Delta\)
document.add\(\Delta\)ventListener('DOMContentLoaded', function() {\Delta\)
load\(\Delta\)shboard\(\Delta\)tale });\(\Delta\) // Refresh dashboard data every 30
seconds\(\Delta\) set\(\Delta\)nterval(\(\Delta\)abboard\(\Delta\)ata, 30000);\(\Delta\) </script>\(\Delta\)/ body>\(\Delta\)/ html>

demo\src\main\resources\static\admin dashboard.css

```
* {D margin: 0;D padding: 0;D box-sizing: border-box;D
'Segoe UI', sans-serif; Dody {D display: flex; D background: #f5f7fa; D
height: 100vh; Doverflow: hidden; Deheader (Doverflow: hidden; Deheader) position: fixed; Doverflow: 0; D
         left: 0; D width: 100%; D height: 60px; D background: white; D color:
black; D display: flex; D align-items: center; D padding: 0 20px; D z-
index: 1000; ₱ box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1); ₱₱image{₱ width:
130px; D height: 60px; Duser-role {D font-size: 12px; D
                                                                                                                              display: flex;D flex-
                              margin-top: 2px;Đ }Đ .user-data {Đ
direction: column; D align-items: center; /* Center align text */D D }D
     .username{D font-size: 19px;D font-weight: bold;D }Dhamburger {D
background: none; D border: none; D color: black; D font-size: 22px; D
cursor: pointer; Đ margin-right: 15px; ₱Ðheader-title {Đ
                                                                                                                                        font-size: 20px;Đ
         flex: 1; Duser-info-mini {D display: flex; D align-items: center; D
font-size: 16px; D font-weight: 600; D justify-content: center; D
20px;Đ Đ Đ ĐĐuser-info-mini .name{Đ Đ text-align: center;ĐĐsidebar {Đ
         position: fixed; D top: 60px; D
                                                                                      left: 0; D width: 240px; D height:
calc(100% - 60px); D background: #c6d5dd; D color: black; D transition:
transform 0.3s ease-in-out; D overflow-y: auto; D z-index: 999; DD
.sidebar.active {Đ transform: translateX(-100%);₱₱sidebar-header {Đ
padding: 20px;Đ border-bottom: 1px solid black;₱Đuser-info {Đ
flex; Dalign-items: center; Duser-avatar (Dalackground: #f39c12; Dackground: #f39c12; Dackgro
color: white; D font-weight: bold; D width: 45px; D height: 45px; D
border-radius: 50%; D display: flex; D align-items: center; D justify-
content: center; D margin-right: 15px; D font-size: 20px; D animation:
popIn 0.4s ease;∌Đuser-name {Đ font-size: 16px;Đ font-weight: bold;∌Đuser-
status {Đ font-size: 13px;Đ color: lightgreen;ĐĐnav-menu {Đ list-style:
none; Đ padding: 10px 0; Đ ÞĐnav-menu li a {Đ display: flex; Đ align-
items: center; D padding: 12px 20px; D color: black; D font-size: bold; D
                                                text-decoration: none; D transition: background 0.3s; D text-decoration: none; D transition: background 0.3s; D text-decoration: backgrou
font-weight: bold; Đ
.nav-menu li a:hover, Đnav-menu li a.active {Đ background: #34495e;Đ
color: #fff; Dnav-menu i {D margin-right: 12px; Dogout-btn {D width: 90%; D
         margin: 20px auto; D display: flex; D align-items: center; D justify-
content: center;D background: #e74c3c;D color: white;D border: none;D
padding: 12px; D border-radius: 6px; D font-size: 16px; D cursor: pointer; D
         transition: background 0.3s ease; Dogout-btn: hover {D background:
#c0392b; Demain-content {D margin-left: 240px; D padding: 80px 30px 30px; D
         width: 100%; D overflow-y: auto; D transition: margin-left 0.3s ease-in-
out;∌Đmain-content.expanded {Đ margin-left: 0;∌Đdashboard-header {Đ
margin-bottom: 20px;Đ animation: fadeInUp 0.5s ease;∌Đdashboard-title {Đ
font-size: 28px; D margin-bottom: 5px; D breadcrumb { D color: #888; D data-
card {Đ background: white;Đ padding: 25px;Đ border-radius: 10px;Đ box-
shadow: 0 3px 10px rgba(0,0,0,0.05); → animation: fadeIn 1s ease; → Dloading { →
         padding: 10px; D color: #333; Dession-table {D width: 100%; D border-
collapse: collapse; D margin-top: 15px; Dession-table th, Dession-table td {D
         padding: 12px; D border: 1px solid #ddd; D
                                                                                                                 text-align: center; Desession-
table th {Đ background: #2e3a59;Đ
                                                                                      color: white; Desession-table td {Description of the color of the colo
font-size: 15px;♦₱* Notification Icon */Đnotification-icon {Đ
pointer; D font-size: 22px; D position: relative; 静 notificationCount { Đ
background: red; D color: white; D padding: 2px 6px; D border-radius: 50%; D
         position: absolute; D top: -8px; D right: -8px; D font-size: 12px; D D*
Notifications */Dnotification-panel {D position: absolute;D top: 60px;D
right: 20px; D width: 280px; D background: #fff; D border: 1px solid #ccc; D
         box-shadow: 0 4px 10px rgba(0, 0, 0, 0.15); D border-radius: 8px; D
padding: 15px 20px; D z-index: 1000; Dnotification-panel ul {D list-style:
none; D padding: 0; Donotification-panel ul li {D padding: 10px; D border-
bottom: 1px solid #ddd; D cursor: pointer; Dekeyframes fadeIn {D from
{opacity: 0; transform: translateY(10px);} to {opacity: 1; transform:
translateY(0);}}Bekeyframes fadeInUp {D from {opacity: 0; transform:
translateY(20px);}Ð
```

```
to {opacity: 1; transform: translateY(0);} **Dekeyframes
         0% { transform: scale(0); opacity: 0; }D 100% { transform:
scale(1); opacity: 1; }$p* Responsive */@media (max-width: 768px) {D
                                                     }Đ .sidebar.active {Đ
                      transform: translateX(-100%);Đ
    .sidebar {Đ
                                         .main-content {Đ
        transform: translateX(0);D
                                   }Đ
                                                             margin-left:
                               }∌Đuser-table {Đ width: 100%;Đ
0;Đ
         padding: 70px 20px;Đ
                     margin-top: 15px; D } D .user-table th, .user-table td { D
collapse: collapse; Đ
   border: 1px solid #ddd; D padding: 10px; D text-align: center; D } D
  .user-table th {D background-color: #34495e;D
                                                   font-weight: bold; Đ
color: white; D D D .user-table tr:nth-child(even) {D
                                                        background-color:
#f9f9f9;D }D .loading-message {D font-style: italic;D
                                                          color: #666;Đ
margin-bottom: 10px; D } D #searchInput { D padding: 10px 12px; D font-size:
14px; D border: 1px solid #ccc; D border-radius: 6px; D outline: none; D
transition: border-color 0.3s ease; D } D #searchInput:focus { D border-color:
#1f77b4; D #sortSelect {D padding: 10px 12px; D font-size: 14px; D border:
2px solid #ccc; D border-radius: 6px; D outline: none; D transition: border-
color 0.3s ease; D } D #sortSelect: focus { D border-color: #1f77b4; D D D
.download-btn {D background-color: #1f77b4;D color: white;D border: none;D
padding: 10px 16px; D border-radius: 6px; D cursor: pointer; D font-size: 14px; D
margin-bottom: 10px; D transition: background-color 0.3s ease; D margin-left:
auto; ₱₱download-btn:hover {₱ background-color: #145a86; ₱₱allUserSortSelect {₱
padding: 10px 12px; D font-size: 14px; D border: 1px solid #ccc; D border-
radius: 6px;Đ outline: none;Đ transition: border-color 0.3s ease;₱Đ
#allUserSortSelect:focus {D border-color: #1f77b4; **)#allUserSearchInput {D
padding: 10px 12px; D font-size: 14px; D border: 1px solid #ccc; D border-
radius: 6px;Đ outline: none;Đ transition: border-color 0.3s ease;₱Đ
#allUserSearchInput:focus {D border-color: #1f77b4; PachatModule {D
width: 800px; D margin: 20px auto; D font-family: 'Segoe UI', Tahoma,
Geneva, Verdana, sans-serif; D } D .chat-box { D
                                               height: 400px; Doverflow-y:
auto;Đ
       border: 1px solid #ccc; D border-radius: 10px; D padding: 10px; D
background: #f9f9f9; D display: flex; D flex-direction: column; D
                                                                     gap: 8px;Đ
  }Đ .chat-message {Đ max-width: 75%;Đ
                                         padding: 10px 15px;Đ
                                                                 border-
               font-size: 14px; D word-wrap: break-word; D
radius: 20px;Đ
                                                              display:
inline-block;Đ
                 position: relative;Đ
                                      animation: fadeIn 0.2s ease-in-out; D } D
                    background-color: #d0eaff;D
                                                  color: #000;Đ
  .user-message {Đ
                                                                  align-
                    border-top-left-radius: 0;D }D .admin-message {D
self: flex-start;D
                            color: #000;Đ align-self: flex-end;Đ
background-color: #e0e0e0;D
top-right-radius: 0; D } D .chat-input-area { D display: flex; D margin-top:
        gap: 8px;D }D .chat-input-area input {D flex: 1;D padding: 10px;D
   border-radius: 20px;Đ
                          border: 1px solid #ccc; D outline: none; D
size: 14px;D }D .chat-input-area button {D padding: 10px 20px;D
                                                                    border:
        background-color: #007bff; color: white; border-radius: 20px; b
    cursor: pointer; D transition: background-color 0.2s; D } D .chat-input-
area button:hover {Đ background-color: #0056b3;Đ }Đ #loadingIndicator {Đ
text-align: center; D margin: 10px 0; D color: #888; D } D @keyframes fadeIn { D
    from { opacity: 0; transform: translateY(5px); }Đ
                                                      to { opacity: 1;
transform: translateY(0); } D D .timestamp { D font-size: 11px; D color: #666; D
margin-top: 5px;Đ text-align: right;∌Dprofile-card {Đ display: flex;Đ
padding: 20px; D border-radius: 12px; D box-shadow: 0 0 8px rgba(0,0,0,0.1); D
background-color: #fff;D gap: 30px;D align-items: center;D margin-top: 20px;D
flex-wrap: wrap; Dprofile-photo img {D width: 120px; D height: 120px; D border-
radius: 50%; Dobject-fit: cover; Doprofile-details {Dodisplay: flex; Dofile-details }
direction: column; D gap: 10px; D flex: 1; Dprofile-row {D display: flex; D
justify-content: flex-start; D gap: 15px; D font-size: 16px; Dprofile-label {D
font-weight: bold; D min-width: 150px; D settings Module { D
                                         background: #fff;Đ
G;xq008
                 width: 100%;Đ
padding: 30px;Đ
                         border-radius: 12px;Đ
                                                          box-shadow: 0 4px
20px rgba(0, 0, 0, 0.1);Đ
                                    opacity: 0;Đ
                                                           transform:
translateY(20px);D
                             animation: slideIn 0.5s ease-out forwards; Đ
        }Đ
```

```
transform: translateY(0);Đ
           font-weight: 600; D } D .breadcrumb {D font-size: 14px; D color: #6b7280; D } D font-size: 22px; D color: #1f2937; D mar
                                                                    h2 {Đ
          font-size: 22px; D color: #1f2937; D margin-

px; D font-weight: 500; D } D .settings-section {D margin-bottom: 20px; D } D label {D display: font-size: 17px; D color: #374151; D
bottom: 25px;Đ
margin-bottom: 8px;Đ font-weight: 500;Đ }Đ
                                                              .current-
value {Đ font-size: 17px;Đ color: #374151;Đ
margin-bottom: 10px; Đ display: inline-block; Đ padding:
5px 10px; D background: #f9fafb; D border-radius: 4px; D
}D .edit-section {D display: none;D margin-top: 10px;D gap: 10px;D align-items: center;D }D .edit-section.active {D display: flex;D }D
font-size: 14px; D width: 200px; D transition:
border-color 0.3s ease, box-shadow 0.3s ease;Đ }Đ
outline: none; D border-color: #2563eb; D box-shadow: 0 0 0 3px rgba(37, 99, 235, 0.1); D } D .save-button, D .cancel-button {D padding: 8px 16px; D background: #2563eb; D color: #fff; D border: none; D border-
                   font-size: 14px; D cursor: pointer; D
radius: 6px;Đ
          transition: transform 0.2s ease, background 0.2s ease;
                                 background: #ef4444; /* Red for cancel */Đ
        .cancel-button {Đ
       margin-top: 10px;D font-size: 14px;D }D D display: none;D position: fixed;D
#successPopup {Đ display: none;Đ pos
top: 50%;Đ left: 50%;Đ transform
translate(-50%, -50%);Đ background: #10b981;Đ
                                                   transform:
                                                               color:
white; Đ padding: 20px; Đ border-radius: 8px; Đ
box-shadow: 0 4px 20px rgba(0, 0, 0, 0.2); Đ
                                                   z-index: 1000;Đ
          opacity: 0;Đ animation: popIn 0.3s ease-out forwards;Đ
           @keyframes popIn \{\mathtt B
                                            from {Đ
transform: translate(-50%, -60%) scale(0.8); Đ
                                                         opacity: 0;Đ
background: #047857;Đ border: none;Đ
color: white; D border-radius: 6px; D cursor: pointer; D

}D #successPopup button: hover {D background: #065f46; D

}D .status-msg {D font-size: 14px; D margin-

top: 15px; D opacity: 0; D transition: opacity 0.3s ease; D

}D .status-msg, visible {D opacity: 1; D }D
.dashboard-title {Đ
                                                                     font-
                 }Đ h2 {Đ font-size: 18px;Đ input[type="text"],Đ input[type="tel"] {Đ
               width: 150px;Đ
```

demo\src\main\resources\static\user_dashboard3.css

```
margin: 0; D padding: 0; D box-sizing: border-box; D
family: 'Segoe UI', sans-serif;∌Body {Đ display: flex;Đ
                                                                                                               background:
#f5f7fa; D height: 100vh; D overflow: hidden; Dheader {D position: fixed; D
       top: 0; D left: 0; D width: 100%; D height: 60px; D background: white; D
       color: black; D display: flex; D align-items: center; D padding: 0
20px;Đ z-index: 1000;Đ box-shadow: 0 2px 5px rqba(0, 0, 0, 0.1);₱Đuser-
                       font-size: 12px; D color: black; D
role {Đ
                                                                                                               margin-top: 2px;Đ
       }Dhamburger {D background: none;D border: none;D
                                                                                                             color: black;Đ
font-size: 22px;D cursor: pointer;D margin-right: 15px;Dheader-title {D
       font-size: 20px; D flex: 1; Duser-info-mini {D display: flex; D
                               font-size: 16px; font-weight: 600; justify-content:
items: center;Đ
                                 Duser-info-mini .name{D D text-align: center; DD D
                  Ð
.username{Đ
                          font-size: 19px;Đ font-weight: bold;ĎĐsidebar {Đ
fixed;Đ
                  top: 60px;Đ
                                          left: 0; D width: 240px; D height: calc(100% -
                  background: #c6d5dd; D color: black; D transition: transform 0.3s
60px);Đ
                           overflow-y: auto; D z-index: 999; Dsidebar.active {D
ease-in-out;Đ
transform: translateX(-100%); Dsidebar-header {D padding: 20px; D border-
bottom: 1px solid black; Duser-info {D display: flex; D align-items:
                                 width: 130px;Đ height: 60px;∌Đuser-data {Đ display:
center; Dimage { D
flex; D flex-direction: column; D align-items: center; /* Center align text
        Đ Đ ĐĐuser-avatar (Đ background: #f39c12;Đ color: white;Đ
weight: bold; D width: 45px; D height: 45px; D border-radius: 50%; D
display: flex;D align-items: center;D justify-content: center;D
                                                                                                                                  margin-
right: 15px;D font-size: 20px;D animation: popIn 0.4s ease; Duser-name {D
       font-size: 16px;Đ font-weight: bold;₱Đuser-status {Đ font-size: 13px;Đ
       color: lightgreen; Daveneru (Daveneria list-style: none; Daveneria padding: 10px 0; Daveneria padding:
.nav-menu li a {Đ
                                   display: flex; Dalign-items: center; Dpadding: 12px
                color: black;D font-size: bold;D font-weight: bold;D
decoration: none; D transition: background 0.3s; Dnav-menu li a:hover, Dnav-
menu li a.active {Đ
                                      background: #34495e;Đ color: #fff;₱Ðnav-menu i {Đ
margin-right: 12px; $\Delta Dlogout-btn {D width: 90%; D margin: 20px auto; D
display: flex; D align-items: center; D justify-content: center; D
background: #e74c3c; D color: white; D border: none; D padding: 12px; D
border-radius: 6px; D font-size: 16px; D cursor: pointer; D
                                                                                                                       transition:
background 0.3s ease; Delogout-btn: hover {D background: #c0392b; Demain-
content {D margin-left: 240px;D padding: 80px 30px;D width: 100%;D
       margin-left: 0;∌Ðdashboard-header {Đ margin-bottom:
content.expanded {Đ
              animation: fadeInUp 0.5s ease; Dadashboard-title {D font-size: 28px; D
20px;Đ
       margin-bottom: 5px; Debreadcrumb {D color: #888; Dedata-card {D
background: white; D padding: 25px; D border-radius: 10px; D
                                                                                                                       box-shadow: 0
3px 10px rgba(0,0,0,0.05);Đ
                                                     animation: fadeIn 1s ease; ₱₱loading {₱
padding: 10px; D color: #333; Desession-table {D width: 100%; D
                                         margin-top: 15px; Dession-table th, Dession-table td {Description of the following terms of
collapse: collapse; Đ
                                       border: 1px solid #ddd; D text-align: center; Desession-
       padding: 12px;Đ
table th {Đ background: #2e3a59;Đ color: white; $\Delta$session-table td {Đ
font-size: 15px; $\phi$ekeyframes fadeIn {\text{D} from {opacity: 0; transform:}}
translateY(10px);}D to {opacity: 1; transform: translateY(0);}Dekeyframes
fadeInUp {D from {opacity: 0; transform: translateY(20px);}D to {opacity:
1; transform: translateY(0);} $\P$ keyframes popIn {D 0% { transform: scale(0);}
opacity: 0; }Đ 100% { transform: scale(1); opacity: 1; }ĐĐ* Responsive */Đ
@media (max-width: 768px) {D .sidebar {D
                                                                                            transform: translateX(-100%);D
       }Đ .sidebar.active {Đ
                                                              transform: translateX(0);Đ
                                                                                                                     }Đ
                                                                                                                               .main-
                              margin-left: 0;Đ
                                                                           padding: 70px 20px;Đ
                                                                                                                       }∌profile-
content {Đ
card {Đ display: flex;Đ padding: 20px;Đ border-radius: 12px;Đ box-shadow: 0 0
8px rgba(0,0,0,0.1); D background-color: #fff; D gap: 30px; D align-items:
center; D margin-top: 20px; D flex-wrap: wrap; Dprofile-photo img {D width:
120px; → height: 120px; → border-radius: 50%; → object-fit: cover; → profile-
details {Đ
```

```
display: flex; D flex-direction: column; D gap: 10px; D flex: 1; DD
.profile-row {D display: flex;D justify-content: flex-start;D gap: 15px;D
font-size: 16px; Deprofile-label {Defont-weight: bold; Demin-width: 150px; Defont-weight: bold; Demin-width: 150px; Defont-weight: bold; Demin-width: 150px; Defont-weight: bold; Demin-width: 150px; Demin-weight: bold; Demin-width: 150px; Demin-weight: bold; Demin-we
#chatModule {Đ max-width: 800px;Đ margin: 20px auto;Đ
                                                                                     font-family:
'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;Đ }Đ .chat-box {Đ
400px;Đ Đ overflow-y: auto;Đ border: 1px solid #ccc;Đ border-radius:
10px; D padding: 10px; D background: #f9f9f9; D display: flex; D flex-
direction: column; D gap: 8px; D } D .chat-message { D max-width: 75%; D
padding: 10px 15px; D border-radius: 20px; D font-size: 14px; D
break-word; D display: inline-block; D position: relative; D animation:
color: #000;Đ align-self: flex-start;Đ border-top-left-radius: 0;Đ }Đ
                             background-color: #e0e0e0;D color: #000;D
   .admin-message {Đ
self: flex-end;D border-top-right-radius: 0;D }D .chat-input-area {D
display: flex; D margin-top: 10px; D gap: 8px; D } D .chat-input-area input { D
     flex: 1; D padding: 10px; D border-radius: 20px; D border: 1px solid
#ccc;D outline: none;D font-size: 14px;D }D .chat-input-area button {D
padding: 10px 20px; D border: none; D background-color: #007bff; D
white; D border-radius: 20px; D
                                               cursor: pointer; D transition: background-
color 0.2s;D }D .chat-input-area button:hover {D background-color: #0056b3;D
   }Đ #loadingIndicator {Đ text-align: center;Đ margin: 10px 0;Đ color:
#888; D } D @keyframes fadeIn {D from { opacity: 0; transform:
translateY(5px); }D to { opacity: 1; transform: translateY(0); }D }D
   .timestamp {D font-size: 11px;D color: #666;D margin-top: 5px;D text-align:
                                                                            max-width: 800px;Đ
right;₱₱* Base styling */₱settingsModule {Đ
                                                  background: #fff;Đ
                                                                                             padding:
                 width: 100%;Đ
30px;Đ
                       border-radius: 12px;Đ
                                                            box-shadow: 0 4px 20px
rgba(0, 0, 0, 0.1);Đ
                                           opacity: 0;Đ
                                                                            transform:
translateY(20px);Đ
                                         animation: slideIn 0.5s ease-out forwards; Đ
           }Đ
                       @keyframes slideIn {Đ
                                                                      to {Đ
transform: translateY(0);D
                                                           opacity: 1;Đ
           .dashboard-header {Đ margin-bottom: 20px;Đ dashboard-title {Đ font-size: 24px;Đ
                                                       margin-bottom: 20px;Đ
                                                                                                }Đ
                                                                                               color:
#1f2937;Đ
                            color: #6b7280;Đ }Đ
                 font-size: 14px;Đ
                                                                                                        h2 {Đ
                                                         color: #1f2937;Đ
                 font-size: 22px;Đ
                                                                                                margin-
bottom: 25px;Đ
                                   font-weight: 500;Đ
                                                                       }Đ
                                                                                     .settings-section {Đ
                 margin-bottom: 20px;Đ }Đ
                                                                       label {Đ
                                                                                                  display:
                                                                 color: #374151;Đ
block; Đ
                       font-size: 17px;Đ
                                           font-weight: 500;Đ
margin-bottom: 8px;Đ
                                                                         }Đ
                                                                                              .current-
              font-size: 17px;Đ
                                                      color: #374151;Đ
value {Đ
                                             display: inline-block;Đ
margin-bottom: 10px;Đ
                                                                                               padding:
5px 10px; D background: #f9fafb; D
                                                                            border-radius: 4px;Đ
                        .edit-section {Đ
                                                               display: none;Đ
          }Đ
                                                                                                     margin-
top: 10px;Đ
                              gap: 10px;Đ
                                                               align-items: center;Đ
                                                          display: flex;Đ
           .edit-section.active {Đ
                                                                                           Ð.
                                      input[type="tel"] {Đ
input[type="text"],D
                                                                                padding: 8px 12px;Ð
                 border: 1px solid #d1d5db;Đ
                                                                        border-radius: 6px;Đ
                 font-size: 14px;Đ
                                                         width: 200px;Đ
                                                                                              transition:
border-color 0.3s ease, box-shadow 0.3s ease; D }D
input[type="text"]:focus, D
                                        input[type="tel"]:focus {Đ
                          border-color: #2563eb;Đ box-shadow: 0 0 0
outline: none;Đ
3px rgba(37, 99, 235, 0.1); Đ }Đ
                                                              .save-button,Đ .edit-button,Đ
                                                   padding: 8px 16px;Đ
           .cancel-button {Đ
                                                                                               background:
                            color: #fff;Đ
                                                              border: none;Đ
#2563eb; Đ
                                                                                                   border-
radius: 6px;Đ
                             font-size: 14px;Đ
                                                                         cursor: pointer;Đ
                transition: transform 0.2s ease, background 0.2s ease; Đ
            .cancel-button {D background: #ef4444; /* Red for cancel */D
                                                                         background: #dc2626;Đ
                       .cancel-button:hover {Đ
           }Đ
```

```
radius: 50%; D object-fit: cover; D margin-top: 10px; D border: 2px solid #d1d5db; D } D input[type="file"] { D
margin-top: 10px; D font-size: 14px; D } D 

#successPopup {D display: none; D position: fixed; D 

top: 50%; D left: 50%; D transform: 

translate(-50%, -50%); D background: #10b981; D color:
white; Đ padding: 20px; Đ border-radius: 8px; Đ
box-shadow: 0 4px 20px rgba(0, 0, 0, 0.2); D z-index: 1000; D
          opacity: 0;Đ animation: popIn 0.3s ease-out forwards;Đ
        \{\mathfrak{D}\} @keyframes popIn \{\mathfrak{D}\} from \{\mathfrak{D}\}
transform: translate(-50%, -60%) scale(0.8);Đ
                                                              opacity: 0;Đ
         }Đ to {Đ transform: translate(-50%, -50%); Đ opacity: 1; Đ }Đ }Đ
scale(1);Đ
#successPopup button {Đ margin-top: 10px;Đ
                                                                 padding: 8px
16px;Đ background: #047857;Đ border: none;Đ
color: white; D border-radius: 6px; D cursor: pointer; D
} D #successPopup button: hover {D background: #065f46; D}
} D .status-msg {D font-size: 14px; D margin-
top: 15px; D opacity: 0; D transition: opacity 0.3s ease; D
} D .status-msg.visible {D opacity: 1; D } D
font-
                                                                                }Đ
```

demo\target\classes\static\admin_dashboard.css

```
* {Đ margin: 0;Đ padding: 0;Đ box-sizing: border-box;Đ font-family:
'Segoe UI', sans-serif;∌body {Đ display: flex;Đ
                                                                                                                                               background: #f5f7fa;Đ
height: 100vh; Doverflow: hidden; Deheader (Doverflow: hidden; Deheader) position: fixed; Doverflow: 0; D
           left: 0; D width: 100%; D height: 60px; D background: white; D color:
black; D display: flex; D align-items: center; D padding: 0 20px; D z-
index: 1000; ₱ box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1); ₱₱image{₱ width:
130px; D height: 60px; Duser-role {D font-size: 12px; D
                                                                                                                                                       display: flex;D flex-
                                    margin-top: 2px;Đ }Đ .user-data {Đ
direction: column; D align-items: center; /* Center align text */D D }D
      .username{D font-size: 19px;D font-weight: bold;D }Dhamburger {D
background: none; D border: none; D color: black; D font-size: 22px; D
cursor: pointer; Đ margin-right: 15px; ₱Ðheader-title {Đ
                                                                                                                                                                  font-size: 20px;Đ
           flex: 1; Duser-info-mini {D display: flex; D align-items: center; D
font-size: 16px; D font-weight: 600; D justify-content: center; D
20px;Đ Đ Đ ĐĐuser-info-mini .name{Đ Đ text-align: center;ĐĐsidebar {Đ
           position: fixed; D top: 60px; D
                                                                                                       left: 0; D width: 240px; D height:
calc(100% - 60px); D background: #c6d5dd; D color: black; D transition:
transform 0.3s ease-in-out; D overflow-y: auto; D z-index: 999; DD
.sidebar.active {Đ transform: translateX(-100%);₱₱sidebar-header {Đ
padding: 20px;Đ border-bottom: 1px solid black;₱Đuser-info {Đ
flex; Dalign-items: center; Duser-avatar (Dalackground: #f39c12; Dackground: #f39c12; Dackgro
color: white; D font-weight: bold; D width: 45px; D height: 45px; D
border-radius: 50%; D display: flex; D align-items: center; D justify-
content: center; D margin-right: 15px; D font-size: 20px; D animation:
popIn 0.4s ease;∌Đuser-name {Đ font-size: 16px;Đ font-weight: bold;∌Đuser-
status {Đ font-size: 13px;Đ color: lightgreen;ĐĐnav-menu {Đ list-style:
none; Đ padding: 10px 0; Đ ÞĐnav-menu li a {Đ display: flex; Đ align-
items: center; D padding: 12px 20px; D color: black; D font-size: bold; D
                                                          text-decoration: none; D transition: background 0.3s; D text-decoration: none; D transition: background 0.3s; D text-decoration: backgrou
font-weight: bold; Đ
.nav-menu li a:hover, Đnav-menu li a.active {Đ background: #34495e;Đ
color: #fff; Dnav-menu i {D margin-right: 12px; Dogout-btn {D width: 90%; D
           margin: 20px auto; D display: flex; D align-items: center; D justify-
content: center;D background: #e74c3c;D color: white;D border: none;D
padding: 12px; D border-radius: 6px; D font-size: 16px; D cursor: pointer; D
           transition: background 0.3s ease; $\Dolon Dolon 
#c0392b; Demain-content {D margin-left: 240px; D padding: 80px 30px 30px; D
           width: 100%; D overflow-y: auto; D transition: margin-left 0.3s ease-in-
out;∌Đmain-content.expanded {Đ margin-left: 0;∌Đdashboard-header {Đ
margin-bottom: 20px;Đ animation: fadeInUp 0.5s ease;∌Đdashboard-title {Đ
font-size: 28px; D margin-bottom: 5px; D breadcrumb { D color: #888; D data-
card {Đ background: white;Đ padding: 25px;Đ border-radius: 10px;Đ box-
shadow: 0 3px 10px rgba(0,0,0,0.05); → animation: fadeIn 1s ease; → Dloading { →
           padding: 10px; D color: #333; Dession-table {D width: 100%; D border-
collapse: collapse; D margin-top: 15px; Dession-table th, Dession-table td {D
           padding: 12px; D border: 1px solid #ddd; D
                                                                                                                                      text-align: center; Desession-
table th {Đ background: #2e3a59;Đ
                                                                                                       color: white; Desession-table td {Description of the color of the colo
font-size: 15px;∌Đ* Notification Icon */Đnotification-icon {Đ
pointer; D font-size: 22px; D position: relative; 静 notificationCount { Đ
background: red; D color: white; D padding: 2px 6px; D border-radius: 50%; D
           position: absolute; D top: -8px; D right: -8px; D font-size: 12px; D D*
Notifications */Dnotification-panel {D position: absolute;D top: 60px;D
right: 20px; D width: 280px; D background: #fff; D border: 1px solid #ccc; D
           box-shadow: 0 4px 10px rgba(0, 0, 0, 0.15); D border-radius: 8px; D
padding: 15px 20px; D z-index: 1000; Dnotification-panel ul {D list-style:
none; D padding: 0; Dnotification-panel ul li {D padding: 10px; D border-
bottom: 1px solid #ddd; D cursor: pointer; Dekeyframes fadeIn {D from
{opacity: 0; transform: translateY(10px);} to {opacity: 1; transform:
translateY(0);}}Bekeyframes fadeInUp {D from {opacity: 0; transform:
translateY(20px);}Ð
```

```
to {opacity: 1; transform: translateY(0);} **Dekeyframes
         0% { transform: scale(0); opacity: 0; }D 100% { transform:
scale(1); opacity: 1; }$p* Responsive */@media (max-width: 768px) {D
                                                     }Đ .sidebar.active {Đ
                      transform: translateX(-100%);Đ
    .sidebar {Đ
                                         .main-content {Đ
        transform: translateX(0);D
                                   }Đ
                                                             margin-left:
                               }∌Đuser-table {Đ width: 100%;Đ
0;Đ
         padding: 70px 20px;Đ
                     margin-top: 15px; D } D .user-table th, .user-table td { D
collapse: collapse; Đ
   border: 1px solid #ddd; D padding: 10px; D text-align: center; D } D
  .user-table th {D background-color: #34495e;D
                                                   font-weight: bold; Đ
color: white; D D D .user-table tr:nth-child(even) {D
                                                         background-color:
#f9f9f9;D }D .loading-message {D font-style: italic;D
                                                          color: #666;Đ
margin-bottom: 10px; D } D #searchInput { D padding: 10px 12px; D font-size:
14px; D border: 1px solid #ccc; D border-radius: 6px; D outline: none; D
transition: border-color 0.3s ease; D } D #searchInput:focus { D border-color:
#1f77b4; D #sortSelect {D padding: 10px 12px; D font-size: 14px; D border:
2px solid #ccc; D border-radius: 6px; D outline: none; D transition: border-
color 0.3s ease; D } D #sortSelect: focus { D border-color: #1f77b4; D D D
.download-btn {D background-color: #1f77b4;D color: white;D border: none;D
padding: 10px 16px; D border-radius: 6px; D cursor: pointer; D font-size: 14px; D
margin-bottom: 10px; D transition: background-color 0.3s ease; D margin-left:
auto; ₱₱download-btn:hover {₱ background-color: #145a86; ₱₱allUserSortSelect {₱
padding: 10px 12px; D font-size: 14px; D border: 1px solid #ccc; D border-
radius: 6px;Đ outline: none;Đ transition: border-color 0.3s ease;₱Đ
#allUserSortSelect:focus {D border-color: #1f77b4; **)#allUserSearchInput {D
padding: 10px 12px; D font-size: 14px; D border: 1px solid #ccc; D border-
radius: 6px;Đ outline: none;Đ transition: border-color 0.3s ease;₱Đ
#allUserSearchInput:focus {D border-color: #1f77b4; PachatModule {D
width: 800px; D margin: 20px auto; D font-family: 'Segoe UI', Tahoma,
Geneva, Verdana, sans-serif; D } D .chat-box { D
                                               height: 400px; Doverflow-y:
auto;Đ
       border: 1px solid #ccc; D border-radius: 10px; D padding: 10px; D
background: #f9f9f9; D display: flex; D flex-direction: column; D
                                                                     gap: 8px;Đ
  }Đ .chat-message {Đ max-width: 75%;Đ
                                         padding: 10px 15px;Đ
                                                                 border-
               font-size: 14px; D word-wrap: break-word; D
radius: 20px;Đ
                                                              display:
inline-block;Đ
                 position: relative;Đ
                                      animation: fadeIn 0.2s ease-in-out; D } D
                    background-color: #d0eaff;D
                                                  color: #000;Đ
  .user-message {Đ
                                                                  align-
                    border-top-left-radius: 0;D }D .admin-message {D
self: flex-start;D
                            color: #000;Đ align-self: flex-end;Đ
background-color: #e0e0e0;D
top-right-radius: 0; D } D .chat-input-area { D display: flex; D margin-top:
        gap: 8px; D } D .chat-input-area input { D flex: 1; D padding: 10px; D
   border-radius: 20px;Đ
                          border: 1px solid #ccc; D outline: none; D
size: 14px;D }D .chat-input-area button {D padding: 10px 20px;D
                                                                    border:
        background-color: #007bff; color: white; border-radius: 20px; b
    cursor: pointer; D transition: background-color 0.2s; D } D .chat-input-
area button:hover {Đ background-color: #0056b3;Đ }Đ #loadingIndicator {Đ
text-align: center; D margin: 10px 0; D color: #888; D } D @keyframes fadeIn { D
    from { opacity: 0; transform: translateY(5px); }Đ
                                                      to { opacity: 1;
transform: translateY(0); } D D .timestamp { D font-size: 11px; D color: #666; D
margin-top: 5px;Đ text-align: right;∌Dprofile-card {Đ display: flex;Đ
padding: 20px; D border-radius: 12px; D box-shadow: 0 0 8px rgba(0,0,0,0.1); D
background-color: #fff;D gap: 30px;D align-items: center;D margin-top: 20px;D
flex-wrap: wrap; Dprofile-photo img {D width: 120px; D height: 120px; D border-
radius: 50%; Dobject-fit: cover; Doprofile-details {Dodisplay: flex; Dofile-details }
direction: column; D gap: 10px; D flex: 1; Dprofile-row {D display: flex; D
justify-content: flex-start; D gap: 15px; D font-size: 16px; Dprofile-label {D
font-weight: bold; D min-width: 150px; D settings Module { D
                                         background: #fff;Đ
G;xq008
                 width: 100%;Đ
padding: 30px;Đ
                         border-radius: 12px;Đ
                                                          box-shadow: 0 4px
20px rgba(0, 0, 0, 0.1);Đ
                                    opacity: 0;Đ
                                                           transform:
translateY(20px);D
                             animation: slideIn 0.5s ease-out forwards; Đ
        }Đ
```

```
transform: translateY(0);Đ
           font-weight: 600; D } D .breadcrumb {D font-size: 14px; D color: #6b7280; D } D font-size: 22px; D color: #1f2937; D mar
                                                                    h2 {Đ
          font-size: 22px; D color: #1f2937; D margin-

px; D font-weight: 500; D } D .settings-section {D margin-bottom: 20px; D } D label {D display: font-size: 17px; D color: #374151; D
bottom: 25px;Đ
margin-bottom: 8px;Đ font-weight: 500;Đ }Đ
                                                              .current-
value {Đ font-size: 17px;Đ color: #374151;Đ
margin-bottom: 10px; Đ display: inline-block; Đ padding:
5px 10px; D background: #f9fafb; D border-radius: 4px; D
}D .edit-section {D display: none;D margin-top: 10px;D gap: 10px;D align-items: center;D }D .edit-section.active {D display: flex;D }D
font-size: 14px; D width: 200px; D transition:
border-color 0.3s ease, box-shadow 0.3s ease;Đ }Đ
outline: none; D border-color: #2563eb; D box-shadow: 0 0 0 3px rgba(37, 99, 235, 0.1); D } D .save-button, D .cancel-button {D padding: 8px 16px; D background: #2563eb; D color: #fff; D border: none; D border-
                   font-size: 14px; D cursor: pointer; D
radius: 6px;Đ
          transition: transform 0.2s ease, background 0.2s ease;
                                 background: #ef4444; /* Red for cancel */Đ
        .cancel-button {Đ
       margin-top: 10px;D font-size: 14px;D }D D display: none;D position: fixed;D
#successPopup {Đ display: none;Đ pos
top: 50%;Đ left: 50%;Đ transform
translate(-50%, -50%);Đ background: #10b981;Đ
                                                   transform:
                                                               color:
white; Đ padding: 20px; Đ border-radius: 8px; Đ
box-shadow: 0 4px 20px rgba(0, 0, 0, 0.2); Đ
                                                   z-index: 1000;Đ
          opacity: 0;Đ animation: popIn 0.3s ease-out forwards;Đ
           @keyframes popIn \{\mathtt B
                                            from {Đ
transform: translate(-50%, -60%) scale(0.8); Đ
                                                         opacity: 0;Đ
background: #047857;Đ border: none;Đ
color: white; D border-radius: 6px; D cursor: pointer; D

}D #successPopup button: hover {D background: #065f46; D

}D .status-msg {D font-size: 14px; D margin-

top: 15px; D opacity: 0; D transition: opacity 0.3s ease; D

}D .status-msg, visible {D opacity: 1; D }D
.dashboard-title {Đ
                                                                     font-
                 }Đ h2 {Đ font-size: 18px;Đ input[type="text"],Đ input[type="tel"] {Đ
               width: 150px;Đ
```

demo\target\classes\static\user_dashboard3.css

```
* {Đ
                               margin: 0;Đ
                                                                 padding: 0;D box-sizing: border-box;D
family: 'Segoe UI', sans-serif;∌Body {Đ display: flex;Đ
                                                                                                                                           background:
#f5f7fa;D height: 100vh;D overflow: hidden;Dheader {D
                                                                                                                                             position: fixed;Đ
                               left: 0; D width: 100%; D height: 60px; D background: white; D
         top: 0;Đ
         color: black; D display: flex; D align-items: center; D padding: 0
20px;Đ z-index: 1000;Đ box-shadow: 0 2px 5px rqba(0, 0, 0, 0.1);₱Đuser-
                             font-size: 12px;Đ
                                                                                color: black;Đ
role {Đ
                                                                                                                                           margin-top: 2px;Đ
         }Dhamburger {D background: none;D border: none;D
                                                                                                                                        color: black;Đ
font-size: 22px;D cursor: pointer;D margin-right: 15px;Dheader-title {D
         font-size: 20px; D flex: 1; Duser-info-mini {D display: flex; D
                                       font-size: 16px; font-weight: 600; justify-content:
items: center;Đ
                                            Definition Definition
                       Ð
                                 font-size: 19px; D font-weight: bold; Dsidebar {D
.username{Đ
fixed;Đ
                       top: 60px;Đ
                                                     left: 0; D width: 240px; D height: calc(100% -
                       background: #c6d5dd; D color: black; D transition: transform 0.3s
60px);Đ
                                 overflow-y: auto; D z-index: 999; Dsidebar.active {D
ease-in-out;Đ
transform: translateX(-100%); Dsidebar-header {D padding: 20px; D border-
bottom: 1px solid black; Duser-info {D display: flex; D align-items:
                                         width: 130px;Đ height: 60px;∌Đuser-data {Đ display:
center; Dimage { D
flex;D flex-direction: column;D
                                                                                 align-items: center; /* Center align text
          Đ Đ ĐĐuser-avatar (Đ background: #f39c12;Đ color: white;Đ
weight: bold; D width: 45px; D height: 45px; D border-radius: 50%; D
display: flex;D align-items: center;D justify-content: center;D
                                                                                                                                                                  margin-
right: 15px;D font-size: 20px;D animation: popIn 0.4s ease;Duser-name {D
         font-size: 16px;Đ font-weight: bold;₱Đuser-status {Đ font-size: 13px;Đ
         color: lightgreen; Daveneru (Daveneria list-style: none; Daveneria padding: 10px 0; Daveneria padding:
.nav-menu li a {Đ
                                           display: flex; Dalign-items: center; Dpadding: 12px
                    color: black;D font-size: bold;D font-weight: bold;D
decoration: none; D transition: background 0.3s; Dnav-menu li a:hover, Dnav-
menu li a.active {Đ
                                                background: #34495e;Đ color: #fff;₱Ðnav-menu i {Đ
margin-right: 12px; $\Delta Dlogout-btn {D width: 90%; D margin: 20px auto; D
display: flex; D align-items: center; D justify-content: center; D
background: #e74c3c; D color: white; D border: none; D padding: 12px; D
border-radius: 6px; D font-size: 16px; D cursor: pointer; D
                                                                                                                                                     transition:
background 0.3s ease; Delogout-btn: hover {D background: #c0392b; Demain-
content {D margin-left: 240px;D padding: 80px 30px;D width: 100%;D
         margin-left: 0;∌Ðdashboard-header {Đ margin-bottom:
content.expanded {Đ
                  animation: fadeInUp 0.5s ease; Dadashboard-title {D font-size: 28px; D
20px;Đ
         margin-bottom: 5px; Debreadcrumb {D color: #888; Dedata-card {D
background: white; D padding: 25px; D border-radius: 10px; D
                                                                                                                                                     box-shadow: 0
3px 10px rgba(0,0,0,0.05);Đ
                                                                   animation: fadeIn 1s ease; ₱₱loading {₱
padding: 10px; D color: #333; Desession-table {D width: 100%; D
                                                   margin-top: 15px; Dession-table th, Dession-table td {Description of the following terms of
collapse: collapse; Đ
                                                 border: 1px solid #ddd; D text-align: center; Dsession-
         padding: 12px;Đ
table th {Đ background: #2e3a59;Đ color: white; $\Delta$session-table td {Đ
font-size: 15px; $\phi$ekeyframes fadeIn {\text{D} from {opacity: 0; transform:}}
translateY(10px);}D to {opacity: 1; transform: translateY(0);}Dekeyframes
fadeInUp {D from {opacity: 0; transform: translateY(20px);}D to {opacity:
1; transform: translateY(0);} $\P$ keyframes popIn {D 0% { transform: scale(0);}
opacity: 0; }Đ 100% { transform: scale(1); opacity: 1; }ĐĐ* Responsive */Đ
@media (max-width: 768px) {D .sidebar {D
                                                                                                                    transform: translateX(-100%);D
         }Đ .sidebar.active {Đ
                                                                              transform: translateX(0);D
                                                                                                                                                  }Đ
                                                                                                                                                                 .main-
                                       margin-left: 0;Đ
                                                                                              padding: 70px 20px;Đ
                                                                                                                                                    }∌profile-
content {Đ
card {Đ display: flex;Đ padding: 20px;Đ border-radius: 12px;Đ box-shadow: 0 0
8px rgba(0,0,0,0.1); D background-color: #fff; D gap: 30px; D align-items:
center; D margin-top: 20px; D flex-wrap: wrap; Dprofile-photo img {D width:
120px; → height: 120px; → border-radius: 50%; → object-fit: cover; → profile-
details {Đ
```

```
display: flex; D flex-direction: column; D gap: 10px; D flex: 1; DD
.profile-row {D display: flex;D justify-content: flex-start;D gap: 15px;D
font-size: 16px; Deprofile-label {Defont-weight: bold; Demin-width: 150px; Defont-weight: bold; Demin-width: 150px; Defont-weight: bold; Demin-width: 150px; Defont-weight: bold; Demin-width: 150px; Demin-weight: bold; Demin-width: 150px; Demin-weight: bold; Demin-we
#chatModule {Đ max-width: 800px;Đ margin: 20px auto;Đ
                                                                                     font-family:
'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;Đ }Đ .chat-box {Đ
400px;Đ Đ overflow-y: auto;Đ border: 1px solid #ccc;Đ border-radius:
10px; D padding: 10px; D background: #f9f9f9; D display: flex; D flex-
direction: column; D gap: 8px; D } D .chat-message { D max-width: 75%; D
padding: 10px 15px; D border-radius: 20px; D font-size: 14px; D
break-word; D display: inline-block; D position: relative; D animation:
color: #000;Đ align-self: flex-start;Đ border-top-left-radius: 0;Đ }Đ
                             background-color: #e0e0e0;D color: #000;D
   .admin-message {Đ
self: flex-end;D border-top-right-radius: 0;D }D .chat-input-area {D
display: flex; D margin-top: 10px; D gap: 8px; D } D .chat-input-area input { D
     flex: 1; D padding: 10px; D border-radius: 20px; D border: 1px solid
#ccc;D outline: none;D font-size: 14px;D }D .chat-input-area button {D
padding: 10px 20px; D border: none; D background-color: #007bff; D
white; D border-radius: 20px; D
                                               cursor: pointer; D transition: background-
color 0.2s;D }D .chat-input-area button:hover {D background-color: #0056b3;D
   }Đ #loadingIndicator {Đ text-align: center;Đ margin: 10px 0;Đ color:
#888; D } D @keyframes fadeIn {D from { opacity: 0; transform:
translateY(5px); }D to { opacity: 1; transform: translateY(0); }D }D
   .timestamp {D font-size: 11px;D color: #666;D margin-top: 5px;D text-align:
                                                                            max-width: 800px;Đ
right;₱₱* Base styling */₱settingsModule {Đ
                                                  background: #fff;Đ
                                                                                             padding:
                 width: 100%;Đ
30px;Đ
                       border-radius: 12px;Đ
                                                            box-shadow: 0 4px 20px
rgba(0, 0, 0, 0.1);Đ
                                           opacity: 0;Đ
                                                                            transform:
translateY(20px);Đ
                                         animation: slideIn 0.5s ease-out forwards; Đ
           }Đ
                       @keyframes slideIn {Đ
                                                                      to {Đ
transform: translateY(0);D
                                                           opacity: 1;Đ
           .dashboard-header {Đ margin-bottom: 20px;Đ dashboard-title {Đ font-size: 24px;Đ
                                                       margin-bottom: 20px;Đ
                                                                                                }Đ
                                                                                               color:
#1f2937;Đ
                            color: #6b7280;Đ }Đ
                 font-size: 14px;Đ
                                                                                                        h2 {Đ
                                                         color: #1f2937;Đ
                 font-size: 22px;Đ
                                                                                                margin-
bottom: 25px;Đ
                                   font-weight: 500;Đ
                                                                       }Đ
                                                                                     .settings-section {Đ
                 margin-bottom: 20px;Đ }Đ
                                                                       label {Đ
                                                                                                  display:
                                                                 color: #374151;Đ
block; Đ
                       font-size: 17px;Đ
                                           font-weight: 500;Đ
margin-bottom: 8px;Đ
                                                                         }Đ
                                                                                              .current-
              font-size: 17px;Đ
                                                      color: #374151;Đ
value {Đ
                                             display: inline-block;Đ
margin-bottom: 10px;Đ
                                                                                               padding:
5px 10px; D background: #f9fafb; D
                                                                            border-radius: 4px;Đ
                        .edit-section {Đ
                                                               display: none;Đ
          }Đ
                                                                                                     margin-
top: 10px;Đ
                              gap: 10px;Đ
                                                               align-items: center;Đ
                                                          display: flex;Đ
           .edit-section.active {Đ
                                                                                           Ð.
                                      input[type="tel"] {Đ
input[type="text"],D
                                                                                padding: 8px 12px;Ð
                 border: 1px solid #d1d5db;Đ
                                                                        border-radius: 6px;Đ
                 font-size: 14px;Đ
                                                         width: 200px;Đ
                                                                                              transition:
border-color 0.3s ease, box-shadow 0.3s ease; D }D
input[type="text"]:focus, D
                                        input[type="tel"]:focus {Đ
                          border-color: #2563eb;Đ box-shadow: 0 0 0
outline: none;Đ
3px rgba(37, 99, 235, 0.1); Đ }Đ
                                                              .save-button,Đ .edit-button,Đ
                                                   padding: 8px 16px;Đ
           .cancel-button {Đ
                                                                                               background:
                            color: #fff;Đ
                                                              border: none;Đ
#2563eb; Đ
                                                                                                   border-
radius: 6px;Đ
                             font-size: 14px;Đ
                                                                         cursor: pointer;Đ
                transition: transform 0.2s ease, background 0.2s ease; Đ
            .cancel-button {D background: #ef4444; /* Red for cancel */D
                                                                         background: #dc2626;Đ
                       .cancel-button:hover {Đ
           }Đ
```

```
radius: 50%; D object-fit: cover; D margin-top: 10px; D border: 2px solid #d1d5db; D } D input[type="file"] { D
margin-top: 10px; D font-size: 14px; D } D 

#successPopup {D display: none; D position: fixed; D 

top: 50%; D left: 50%; D transform: 

translate(-50%, -50%); D background: #10b981; D color:
white; Đ padding: 20px; Đ border-radius: 8px; Đ
box-shadow: 0 4px 20px rgba(0, 0, 0, 0.2); D z-index: 1000; D
          opacity: 0;Đ animation: popIn 0.3s ease-out forwards;Đ
        \{\mathfrak{D}\} @keyframes popIn \{\mathfrak{D}\} from \{\mathfrak{D}\}
transform: translate(-50%, -60%) scale(0.8);Đ
                                                              opacity: 0;Đ
         }Đ to {Đ transform: translate(-50%, -50%); Đ opacity: 1; Đ }Đ }Đ
scale(1);Đ
#successPopup button {Đ margin-top: 10px;Đ
                                                                 padding: 8px
16px;Đ background: #047857;Đ border: none;Đ
color: white; D border-radius: 6px; D cursor: pointer; D
} D #successPopup button: hover {D background: #065f46; D}
} D .status-msg {D font-size: 14px; D margin-
top: 15px; D opacity: 0; D transition: opacity 0.3s ease; D
} D .status-msg.visible {D opacity: 1; D } D
font-
                                                                                }Đ
```

.vscode\launch.json

```
{D "configurations": [D {D "type": "java",D "request": "launch",D "cwd": "${workspaceFolder}",D "mainClass": "com.example.demo.DemoApplication",D "projectName": "demo",D "args": "",D "envFile": "${workspaceFolder}/.env"D }D ]D D
```

.vscode\settings.json
{D "liveServer.settings.port": 5501

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demo\target\classes\static\user_dashboard3.is
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demo\src\main\resources\static\adminSignin.html
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demo\src\main\resources\static\adminSignup.html
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..... [object Object]

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.....[object Object]

demo\target\classes\static\user_dashboard3.css
.....[object Object]

.vscode\launch.json[object Object]

.....[object Object]