**HTML AND CSS (FOR USER )**  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Admin/User Registration/Login</title>

<!-- Google Fonts for Typography -->

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

<link rel="stylesheet" href="styles.css">

<!-- Font Awesome for Icons -->

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

</head>

<body>

<!-- FileShare Logo -->

<header>

<h1 class="fancy-logo">FileShare</h1>

</header>

<!-- Main Content with Buttons -->

<main>

<div class="options-container">

<a href="adminlogin.html">

<button class="option-btn admin-btn">

<i class="fas fa-user-shield"></i> Admin Login

</button>

</a>

<span class="or">OR</span>

<!-- User Registration/Login Button -->

<a href="userlogin.html">

<button class="option-btn user-btn">

<i class="fas fa-user"></i> User Registration/Login

</button></a>

</div>

</main>

</body>

</html>  
  
  
This is the first page that should be run after running the entire process which is choosing weather to Select User of Admin  
  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>User Login</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<div class="auth-container">

<h2>User Login</h2>

<form id="loginForm">

<div class="input-group">

<label>Username</label>

<input type="text" id="loginUsername" required>

</div>

<div class="input-group">

<label>Password</label>

<input type="password" id="loginPassword" required>

</div>

<button type="submit">Login</button>

</form>

<!-- Button to go to register page -->

<p>Haven't registered yet? <a href="register.html">Register now</a></p>

</div>

<script>

// Login Form Submission and Redirect

document.getElementById("loginForm").addEventListener("submit", function (event) {

event.preventDefault();

alert("Login Successful! Redirecting...");

setTimeout(() => {

window.location.href = "main.html"; // Redirect to main page

}, 1000);

});

</script>

</body>

</html>  
  
This is The Login Page for the User (where user can login in if already registered)  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>User Registration</title>

<link rel="stylesheet" href="styles.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="main.html"><i class="fas fa-home"></i> Home</a></li>

<li><a href="profile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="storage.html"><i class="fas fa-database"></i> Storage</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content" style="margin-top: 500px;">

<div class="auth-container">

<h2>User Registration</h2>

<form id="registrationForm">

<div class="input-group">

<label>Full Name</label>

<input type="text" id="fullname" required>

<span class="error-message" id="fullnameError"></span>

</div>

<div class="input-group">

<label>Username</label>

<input type="text" id="username" required>

<span class="error-message" id="usernameError"></span>

</div>

<!-- New Email Field -->

<div class="input-group">

<label>Email</label>

<input type="email" id="email" required>

<span class="error-message" id="emailError"></span>

</div>

<!-- New Phone Number Field -->

<div class="input-group">

<label>Phone Number</label>

<input type="tel" id="phoneNumber" required>

<span class="error-message" id="phoneError"></span>

</div>

<!-- New Role Dropdown -->

<div class="input-group">

<label>Role</label>

<select id="role" required>

<option value="user" selected>User</option>

</select>

</div>

<!-- Password Field with Eye Icon -->

<div class="input-group">

<label>Password</label>

<div class="password-container">

<input type="password" id="password" required>

<i class="fas fa-eye" id="togglePassword"></i>

</div>

</div>

<!-- Confirm Password Field with Eye Icon -->

<div class="input-group">

<label>Confirm Password</label>

<div class="password-container">

<input type="password" id="confirmPassword" required>

<i class="fas fa-eye" id="toggleConfirmPassword"></i>

</div>

<span class="error-message" id="passwordError"></span>

</div>

<button type="submit">Register</button>

</form>

<!-- Button to go to login page -->

<p>Already have an account? <a href="userlogin.html">Login here</a></p>

</div>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2025 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<script>

// Registration Validation and Redirect

document.getElementById("registrationForm").addEventListener("submit", function (event) {

event.preventDefault();

let fullname = document.getElementById("fullname").value;

let username = document.getElementById("username").value;

let email = document.getElementById("email").value;

let phoneNumber = document.getElementById("phoneNumber").value;

let password = document.getElementById("password").value;

let confirmPassword = document.getElementById("confirmPassword").value;

let valid = true;

// Full Name Validation (No numbers or symbols)

if (!/^[a-zA-Z\s]+$/.test(fullname)) {

document.getElementById("fullnameError").textContent = "Full name cannot contain numbers or symbols.";

valid = false;

} else {

document.getElementById("fullnameError").textContent = "";

}

// Username Validation (Must contain at least one number, no spaces)

if (!/(?=.\*\d)/.test(username) || /\s/.test(username)) {

document.getElementById("usernameError").textContent = "Username must contain at least one number and no spaces.";

valid = false;

} else {

document.getElementById("usernameError").textContent = "";

}

// Email Validation (Basic format check)

if (!/\S+@\S+\.\S+/.test(email)) {

document.getElementById("emailError").textContent = "Please enter a valid email address.";

valid = false;

} else {

document.getElementById("emailError").textContent = "";

}

// Phone Number Validation (Basic format check)

if (!/^\d{10}$/.test(phoneNumber)) {

document.getElementById("phoneError").textContent = "Please enter a valid 10-digit phone number.";

valid = false;

} else {

document.getElementById("phoneError").textContent = "";

}

// Password Match Check

if (password !== confirmPassword) {

document.getElementById("passwordError").textContent = "Passwords do not match.";

valid = false;

} else {

document.getElementById("passwordError").textContent = "";

}

if (valid) {

alert("Registration Successful! Redirecting to Login...");

setTimeout(() => {

window.location.href = "userlogin.html"; // Redirect to login page

}, 1000);

}

});

// Toggle Password Visibility

document.getElementById("togglePassword").addEventListener("click", function () {

const passwordField = document.getElementById("password");

const type = passwordField.type === "password" ? "text" : "password";

passwordField.type = type;

this.classList.toggle("fa-eye-slash");

});

// Toggle Confirm Password Visibility

document.getElementById("toggleConfirmPassword").addEventListener("click", function () {

const confirmPasswordField = document.getElementById("confirmPassword");

const type = confirmPasswordField.type === "password" ? "text" : "password";

confirmPasswordField.type = type;

this.classList.toggle("fa-eye-slash");

});

</script>

</body>

</html>  
  
This is the register page where user can register if not done already ( After registering they should be redirected to login again to again login with what they have registered with).  
  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>File Sharing System</title>

<link rel="stylesheet" href="styles.css">

<!-- Font Awesome for Icons -->

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<!-- Google Fonts for Typography -->

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="main.html" class="active"><i class="fas fa-home"></i> Home</a></li>

<li><a href="profile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="storage.html"><i class="fas fa-database"></i> Storage Details</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content (Expanded to full width) -->

<main class="main-content full-width">

<section class="home-section" id="home">

<h1>Welcome to <span class="highlight">FileShare</span></h1>

<p class="intro">

FileShare is a powerful file management system designed to make your life easier. Whether you're sharing documents with colleagues or storing personal files, FileShare has you covered.

</p>

<div class="services">

<a href="uploadfiles-u.html" class="service-card">

<i class="fas fa-upload service-icon"></i>

<h2>Upload Files</h2>

<p>Easily upload your files to the cloud with just a few clicks.</p></a>

<a href="downloadfiles-u.html" class="service-card">

<i class="fas fa-download service-icon"></i>

<h2>Download Files</h2>

<p>Download your files anytime, anywhere, with a single click.</p></a>

<a href="viewfiles-a.html" class="service-card">

<i class="fas fa-eye service-icon"></i>

<h2>View Files</h2>

<p>Access and view your files in a clean and organized interface.</p></a>

<a href="searchfiles-a.html" class="service-card">

<i class="fas fa-search service-icon"></i>

<h2>Search Files</h2>

<p>Find files quickly by name, type, or date.</p></a>

<a href="deletefiles-a.html" class="service-card">

<i class="fas fa-trash service-icon"></i>

<h2>Delete Files</h2>

<p>Securely delete files you no longer need.</p></a>

<a href="sharefiles-a.html" class="service-card">

<i class="fas fa-share-alt service-icon"></i>

<h2>Share Files</h2>

<p>Share files with specific users effortlessly.</p></a>

<a href="setpass-a.html" class="service-card">

<i class="fas fa-lock service-icon"></i>

<h2>Set Password</h2>

<p>Protect your files with a password for added security.</p></a>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

</body>

</html>  
  
(This is the main dashboard for the users which comes after Loggin in. Main Dashboard )  
  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Upload Files - FileShare</title>

<link rel="stylesheet" href="styles.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="main.html"><i class="fas fa-home"></i> Home</a></li>

<li><a href="profile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="storage.html"><i class="fas fa-database"></i> Storage Details</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content full-width">

<section class="home-section">

<h1><i class="fas fa-upload"></i> Upload Files</h1>

<p class="intro">

Easily upload your files to the cloud with just a few clicks.

</p>

<div class="upload-form">

<form onsubmit="confirmUpload(event)">

<label for="file-upload">Choose a file:</label>

<input type="file" id="file-upload" name="file-upload" required>

<button type="submit" class="btn-upload">Upload</button>

</form>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- JavaScript for Confirmation and Redirection -->

<script>

function confirmUpload(event) {

event.preventDefault(); // Prevent form submission

if (confirm("Are you sure you want to upload this file?")) {

alert("File uploaded successfully!");

window.location.href = "main.html"; // Redirect to Home/Dashboard

}

}

</script>

</body>

</html>  
  
This is the Upload file page where the files can be uploaded in the local machine I think or wherever it is feasible   
  
in the upload file we can add documents with Pdf extention only and videos , images and music too   
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Download Files - FileShare</title>

<link rel="stylesheet" href="styles.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="main.html"><i class="fas fa-home"></i> Home</a></li>

<li><a href="profile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="storage.html"><i class="fas fa-database"></i> Storage Details</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content full-width">

<section class="home-section">

<h1><i class="fas fa-download"></i> Download Files</h1>

<p class="intro">

Download your files anytime, anywhere, with a single click.

</p>

<div class="file-table">

<table>

<thead>

<tr>

<th>File Name</th>

<th>Size</th>

<th>Upload Date</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<tr>

<td>report.pdf</td>

<td>2.5 MB</td>

<td>2023-10-01</td>

<td>

<button class="btn-download" onclick="confirmDownload()">Download</button>

</td>

</tr>

<tr>

<td>image.png</td>

<td>1.2 MB</td>

<td>2023-10-02</td>

<td>

<button class="btn-download" onclick="confirmDownload()">Download</button>

</td>

</tr>

</tbody>

</table>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- JavaScript for Confirmation and Redirection -->

<script>

function confirmDownload() {

if (confirm("Are you sure you want to download this file?")) {

alert("File downloaded successfully!");

window.location.href = "main.html"; // Redirect to Home/Dashboard

}

}

</script>

</body>

</html>  
  
This is the next page of service where I can download the files that I have stored in the system with the service Upload files (I can download it and put it into my machine)  
  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>View Files - FileShare</title>

<link rel="stylesheet" href="styles.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="main.html"><i class="fas fa-home"></i> Home</a></li>

<li><a href="profile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="storage.html"><i class="fas fa-database"></i> Storage Details</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content full-width">

<section class="home-section">

<h1><i class="fas fa-eye"></i> View Files</h1>

<p class="intro">

Access and view your files in a clean and organized interface.

</p>

<div class="file-table">

<table>

<thead>

<tr>

<th>File Name</th>

<th>Size</th>

<th>Upload Date</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<tr>

<td>report.pdf</td>

<td>2.5 MB</td>

<td>2023-10-01</td>

<td>

<button class="btn-view" onclick="viewFile()">View</button>

</td>

</tr>

<tr>

<td>image.png</td>

<td>1.2 MB</td>

<td>2023-10-02</td>

<td>

<button class="btn-view" onclick="viewFile()">View</button>

</td>

</tr>

</tbody>

</table>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- JavaScript for Confirmation and Redirection -->

<script>

function viewFile() {

alert("File opened in a new tab!");

window.location.href = "main.html"; // Redirect to Home/Dashboard

}

</script>

</body>

</html>  
(this is the view files page form where I can see which files are there which I have uploaded and viewing (with view buttonn) them takes me to a new tab where I can see the file (document if music videos or other files are viewed and error messge popups saying ‘Only documents can be accessed to access media files please download it’))  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Search Files - FileShare</title>

<link rel="stylesheet" href="styles.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="main.html"><i class="fas fa-home"></i> Home</a></li>

<li><a href="profile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="storage.html"><i class="fas fa-database"></i> Storage Details</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content full-width">

<section class="home-section">

<h1><i class="fas fa-search"></i> Search Files</h1>

<p class="intro">

Find files quickly by name, type, or date.

</p>

<div class="search-form">

<form onsubmit="searchFiles(event)">

<input type="text" id="search-query" placeholder="Enter file name, type, or date..." required>

<button type="submit" class="btn-search">Search</button>

</form>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- JavaScript for Confirmation and Redirection -->

<script>

function searchFiles(event) {

event.preventDefault(); // Prevent form submission

const query = document.getElementById("search-query").value;

alert(`Searching for: ${query}`);

window.location.href = "main.html"; // Redirect to Home/Dashboard

}

</script>

</body>

</html>  
  
  
(This is the search file page where you can search the files that you have and everything that Is done here is searching for the files )  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Delete Files - FileShare</title>

<link rel="stylesheet" href="styles.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="main.html"><i class="fas fa-home"></i> Home</a></li>

<li><a href="profile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="storage.html"><i class="fas fa-database"></i> Storage Details</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content full-width">

<section class="home-section">

<h1><i class="fas fa-trash"></i> Delete Files</h1>

<p class="intro">

Securely delete files you no longer need.

</p>

<div class="file-table">

<table>

<thead>

<tr>

<th>File Name</th>

<th>Size</th>

<th>Upload Date</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<tr>

<td>report.pdf</td>

<td>2.5 MB</td>

<td>2023-10-01</td>

<td>

<button class="btn-delete" onclick="confirmDelete()">Delete</button>

</td>

</tr>

<tr>

<td>image.png</td>

<td>1.2 MB</td>

<td>2023-10-02</td>

<td>

<button class="btn-delete" onclick="confirmDelete()">Delete</button>

</td>

</tr>

</tbody>

</table>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- JavaScript for Confirmation and Redirection -->

<script>

function confirmDelete() {

if (confirm("Are you sure you want to delete this file?")) {

alert("File deleted successfully!");

window.location.href = "main.html"; // Redirect to Home/Dashboard

}

}

</script>

</body>

</html>  
  
(This is the delete files page where I can delete the files that I have ( all the files I have can be deleted and here it is shown ) )  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Share Files - FileShare</title>

<link rel="stylesheet" href="styles.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="main.html"><i class="fas fa-home"></i> Home</a></li>

<li><a href="profile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="storage.html"><i class="fas fa-database"></i> Storage Details</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content full-width">

<section class="home-section">

<h1><i class="fas fa-share-alt"></i> Share Files</h1>

<p class="intro">

Share files with specific users effortlessly.

</p>

<div class="share-form">

<form onsubmit="shareFile(event)">

<label for="file-select">Select File:</label>

<select id="file-select" name="file-select" required>

<option value="report.pdf">report.pdf</option>

<option value="image.png">image.png</option>

</select>

<label for="user-select">Select User:</label>

<select id="user-select" name="user-select" required>

<option value="john@example.com">John Doe (john@example.com)</option>

<option value="jane@example.com">Jane Smith (jane@example.com)</option>

</select>

<button type="submit" class="btn-share">Share</button>

</form>

</div>

</section>

<!-- Shared Files Section -->

<section class="shared-files-section">

<h1><i class="fas fa-download"></i> Shared Files</h1>

<p class="intro">Files shared with you can be downloaded below:</p>

<div class="shared-files-list">

<div class="file-item">

<span>report.pdf</span>

<button class="btn-download"><i class="fas fa-download"></i> Download</button>

</div>

<div class="file-item">

<span>image.png</span>

<button class="btn-download"><i class="fas fa-download"></i> Download</button>

</div>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- JavaScript for Confirmation and Redirection -->

<script>

function shareFile(event) {

event.preventDefault(); // Prevent form submission

const file = document.getElementById("file-select").value;

const user = document.getElementById("user-select").value;

if (confirm(`Are you sure you want to share ${file} with ${user}?`)) {

alert("File shared successfully!");

window.location.href = "main.html"; // Redirect to Home/Dashboard

}

}

</script>

</body>

</html>  
  
(This is an important part of code where the files I want to share and the files that are shared with me are seen first I can choose which file I want to share and after that I choose which registered user I want to share it to and after that is box which shows which file that has been shared to me and I can download it but there is not knowledge of who shares it so make sure to include who is sharing me that file (form whom it came))  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Set Password - FileShare</title>

<link rel="stylesheet" href="styles.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="main.html"><i class="fas fa-home"></i> Home</a></li>

<li><a href="profile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="storage.html"><i class="fas fa-database"></i> Storage Details</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content full-width">

<section class="home-section">

<h1><i class="fas fa-lock"></i> Set Password</h1>

<p class="intro">

Protect your files with a password for added security.

</p>

<div class="password-form">

<form onsubmit="setPassword(event)">

<label for="file-select">Select File:</label>

<select id="file-select" name="file-select" required>

<option value="report.pdf">report.pdf</option>

<option value="image.png">image.png</option>

</select>

<label for="password">Set Password:</label>

<input type="password" id="password" name="password" required>

<button type="submit" class="btn-set-password">Set Password</button>

</form>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- JavaScript for Confirmation and Redirection -->

<script>

function setPassword(event) {

event.preventDefault(); // Prevent form submission

const file = document.getElementById("file-select").value;

if (confirm(`Are you sure you want to set a password for ${file}?`)) {

alert("Password set successfully!");

window.location.href = "main.html"; // Redirect to Home/Dashboard

}

}

</script>

</body>

</html>  
  
( This is the place where I can protect a certain file which I can choose form from with a protected password and to interact with that file (download, view it in a diferent tab , share it , also deleting it ) asks for the password of that file and if the password then only I can interact otherwise say ‘incorrect password (You can’t interact with the file)’ )  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>User Profile</title>

<!-- Main Stylesheets -->

<link rel="stylesheet" href="styles.css"> <!-- Main styles -->

<link rel="stylesheet" href="profile.css"> <!-- Profile-specific styles -->

<!-- FontAwesome Icons -->

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.2/css/all.min.css">

<!-- Google Fonts -->

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="main.html"><i class="fas fa-home"></i> Home</a></li>

<li><a href="profile.html" class="active"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="storage.html"><i class="fas fa-database"></i> Storage</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Scroll to Top Button -->

<button id="scrollToTop" class="scroll-btn"><i class="fas fa-arrow-up"></i></button>

<!-- Main Content -->

<main class="main-content">

<section class="profile-section">

<h1 class="profile-title"><i class="fas fa-user-circle"></i> User Profile</h1>

<!-- Profile Picture -->

<div class="profile-picture">

<img src="default-avatar.png" alt="Profile Picture" id="profileImg">

<input type="file" id="profilePicUpload" accept="image/\*" hidden>

<button class="upload-btn" onclick="document.getElementById('profilePicUpload').click();">

<i class="fas fa-upload"></i> Change Profile Picture

</button>

</div>

<!-- User Information -->

<div class="user-info">

<label><i class="fas fa-user"></i> Full Name:</label>

<input type="text" value="John Doe" disabled>

<label><i class="fas fa-id-badge"></i> Username:</label>

<input type="text" value="johndoe123" disabled>

<label><i class="fas fa-envelope"></i> Email Address:</label>

<input type="email" value="johndoe@example.com" disabled>

<label><i class="fas fa-phone"></i> Phone Number:</label>

<input type="text" value="+1 234 567 890" disabled>

<label><i class="fas fa-user-shield"></i> Role:</label>

<input type="text" value="User" disabled>

<label><i class="fas fa-calendar-alt"></i> Account Created On:</label>

<input type="text" value="January 15, 2024" disabled>

</div>

<!-- Action Buttons -->

<div class="action-buttons">

<button class="action-btn"><a href="changedetails.html">Change User Details</a> <i class="fas fa-edit"></i></button>

<button class="action-btn"><a href="changepassword.html">Change Password</a> <i class="fas fa-key"></i></button>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<p>&copy; 2023 FileShare. All rights reserved.</p>

</footer>

<!-- JavaScript for Scroll to Top -->

<script>

const scrollToTopBtn = document.getElementById("scrollToTop");

window.addEventListener("scroll", function () {

scrollToTopBtn.style.display = window.scrollY > 200 ? "block" : "none";

});

scrollToTopBtn.addEventListener("click", function () {

window.scrollTo({ top: 0, behavior: "smooth" });

});

</script>

</body>

</html>  
  
This is the profile section where every details that we have filled up in the registration comes up and also we can change the profile picture which should be a icon by default and the icon can be taken from the same place I am taking every other icon form

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Change User Details - FileShare</title>

<link rel="stylesheet" href="styles.css">

<!-- Font Awesome for Icons -->

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<!-- Bootstrap CSS -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" />

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="main.html" class="active"><i class="fas fa-home"></i> Home</a></li>

<li><a href="profile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="storage.html"><i class="fas fa-database"></i> Storage Details</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Change User Details Section -->

<div class="change-details-container">

<h2>Change User Details</h2>

<form id="change-details-form" class="change-details-form">

<div class="form-group">

<label for="full-name">Full Name</label>

<input type="text" id="full-name" name="full-name" placeholder="Enter your full name" required>

</div>

<div class="form-group">

<label for="email">Email Address</label>

<input type="email" id="email" name="email" placeholder="Enter your email address" required>

</div>

<div class="form-group">

<label for="username">Username</label>

<input type="text" id="username" name="username" placeholder="Enter your username" required>

</div>

<button type="button" class="btn-change-details" onclick="validateDetails()">Submit</button>

<a href="profile.html" class="btn-back">Back</a>

</form>

</div>

<!-- Modal Confirmation for Change Details -->

<div class="modal" tabindex="-1" id="change-details-modal">

<div class="modal-dialog">

<div class="modal-content">

<div class="modal-header">

<h5 class="modal-title">Confirm Changes</h5>

<button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>

</div>

<div class="modal-body">

<p>Are you sure you want to save the changes to your user details?</p>

</div>

<div class="modal-footer">

<button type="button" class="btn btn-secondary" data-bs-dismiss="modal">Cancel</button>

<button type="button" class="btn btn-primary" id="confirm-changes">Yes, Save Changes</button>

</div>

</div>

</div>

</div>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2025 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- Bootstrap JS (required for Modal) -->

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js"></script>

<!-- Custom JavaScript -->

<script>

function validateDetails() {

const fullName = document.getElementById("full-name").value;

const email = document.getElementById("email").value;

const username = document.getElementById("username").value;

const nameRegex = /^[A-Za-z\s]+$/; // Only letters and spaces

const emailRegex = /^[^@]+@[^@]+\.[a-zA-Z]{2,}$/; // Must contain "@"

const usernameRegex = /^\S+$/; // No spaces allowed

if (!nameRegex.test(fullName)) {

alert("Full Name must only contain letters and spaces.");

return;

}

if (!emailRegex.test(email)) {

alert("Please enter a valid email address with '@'.");

return;

}

if (!usernameRegex.test(username)) {

alert("Username should not contain spaces.");

return;

}

// Trigger the modal after validation passes

const modal = new bootstrap.Modal(document.getElementById('change-details-modal'));

modal.show();

// Confirm changes on 'Yes' button

document.getElementById("confirm-changes").addEventListener("click", function() {

// Redirect to profile.html after confirmation

window.location.href = "profile.html";

});

}

</script>

</body>

</html>  
  
  
(This is the change details page where I can change the details that I have given in the registration phase and the changeable items are Name , Email and Username and that’s it )  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Change Password - FileShare</title>

<link rel="stylesheet" href="styles.css">

<!-- Font Awesome for Icons -->

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<!-- Bootstrap CSS for Modal -->

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="main.html"><i class="fas fa-home"></i> Home</a></li>

<li><a href="profile.html" class="active"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="storage.html"><i class="fas fa-database"></i> Storage Details</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Change Password Section -->

<div class="change-password-container">

<h2>Change Password</h2>

<form id="change-password-form" class="change-password-form">

<div class="form-group">

<label for="old-password">Old Password</label>

<div class="password-container">

<input type="password" id="old-password" name="old-password" placeholder="Enter your old password" required>

<i class="fas fa-eye toggle-password" onclick="togglePassword('old-password')"></i>

</div>

</div>

<div class="form-group">

<label for="new-password">New Password</label>

<div class="password-container">

<input type="password" id="new-password" name="new-password" placeholder="Enter your new password" required>

<i class="fas fa-eye toggle-password" onclick="togglePassword('new-password')"></i>

</div>

</div>

<div class="form-group">

<label for="confirm-password">Confirm Password</label>

<div class="password-container">

<input type="password" id="confirm-password" name="confirm-password" placeholder="Confirm new password" required>

<i class="fas fa-eye toggle-password" onclick="togglePassword('confirm-password')"></i>

</div>

</div>

<button type="button" class="btn-change-password" id="openModal">Submit</button>

<a href="profile.html" class="btn-back">Back</a>

</form>

</div>

<!-- Confirmation Modal -->

<div class="modal fade" id="confirmationModal" tabindex="-1" aria-labelledby="confirmationModalLabel" aria-hidden="true">

<div class="modal-dialog">

<div class="modal-content">

<div class="modal-header">

<h5 class="modal-title" id="confirmationModalLabel">Confirm Password Change</h5>

<button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>

</div>

<div class="modal-body">

Are you sure you want to change your password?

</div>

<div class="modal-footer">

<button type="button" class="btn btn-secondary" data-bs-dismiss="modal">Cancel</button>

<button type="submit" class="btn btn-primary" id="confirmChange">Yes, Change</button>

</div>

</div>

</div>

</div>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2025 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- Bootstrap & JavaScript -->

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>

<script>

function togglePassword(fieldId) {

var field = document.getElementById(fieldId);

if (field.type === "password") {

field.type = "text";

} else {

field.type = "password";

}

}

document.getElementById('openModal').addEventListener('click', function () {

const password = document.getElementById('new-password').value;

const confirmPassword = document.getElementById('confirm-password').value;

const modal = new bootstrap.Modal(document.getElementById('confirmationModal'));

if (password === confirmPassword && password.length > 0 && /\d/.test(password)) {

modal.show();

} else {

alert("Passwords do not match or password is too weak! Make sure it includes at least one number.");

}

});

document.getElementById('confirmChange').addEventListener('click', function () {

window.location.href = "profile.html";

});

</script>

</body>

</html>  
(this is the change password section where I can change password by giving old password New password and confirming the new password too ( new and confirm password should be the same and also old password should be exactly that password that the user has now  
  
The change of password should immideatly take effect right after changing the password the user session should expire and they should login again and this should happen automatically without the need of clicking anything within few seconds of the password being changed with a dialog box that says User Session expired pleas login again   
  
))  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Storage Details</title>

<!-- Updated Google Fonts link -->

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

<link rel="stylesheet" href="storage.css"> <!-- Storage-specific styles -->

<link rel="stylesheet" href="styles.css"> <!-- Main styles for consistency -->

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.2/css/all.min.css"> <!-- FontAwesome Icons -->

<script src="https://cdn.jsdelivr.net/npm/chart.js"></script> <!-- Chart.js for Bar Graph -->

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="main.html"><i class="fas fa-home"></i> Home</a></li>

<li><a href="profile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="storage.html" class="active"><i class="fas fa-database"></i> Storage</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Scroll to Top Button -->

<button id="scrollToTop" class="scroll-btn"><i class="fas fa-arrow-up"></i></button>

<!-- Main Content -->

<main class="main-content">

<section class="storage-section">

<h1 class="storage-title"><i class="fas fa-database"></i> Storage Details</h1>

<!-- Storage Bar Graph -->

<div class="bargraph-container">

<canvas id="storageChart"></canvas>

</div>

<!-- Storage Usage Summary -->

<div class="storage-summary">

<h2>Usage Summary</h2>

<ul>

<li><i class="fas fa-file-upload"></i> Files Stored: <strong>25 GB</strong> / 100 GB</li>

<li><i class="fas fa-video"></i> Videos: <strong>10 GB</strong> / 50 GB</li>

<li><i class="fas fa-image"></i> Images: <strong>5 GB</strong> / 30 GB</li>

<li><i class="fas fa-music"></i> Music: <strong>2 GB</strong> / 10 GB</li>

<li><i class="fas fa-file-alt"></i> Documents: <strong>8 GB</strong> / 20 GB</li>

</ul>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2025 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- Script to render the bar graph -->

<script>

var ctx = document.getElementById('storageChart').getContext('2d');

var storageChart = new Chart(ctx, {

type: 'bar',

data: {

labels: ['Files', 'Videos', 'Images', 'Music', 'Documents'],

datasets: [{

label: 'Storage Usage (GB)',

data: [25, 10, 5, 2, 8], // Sample data for storage usage

backgroundColor: [

'#ff8c42', '#ff8c42', '#ff8c42', '#ff8c42', '#ff8c42'

],

borderColor: [

'#e67e34', '#e67e34', '#e67e34', '#e67e34', '#e67e34'

],

borderWidth: 1

}]

},

options: {

responsive: true,

scales: {

y: {

beginAtZero: true,

max: 100

}

}

}

});

</script>

</body>

</html>  
  
  
This is showing the storage Section which illustrates what amount of data we have used on what type of file where the uploaded files makes up a data analytics to be shown which should be categorized into  
  
File stored   
Video   
Music   
Documents  
  
  
  
THE man css is as follows where user section is placed (This css if for users only)  
  
/\* General Styles \*/

body {

margin: 0;

padding: 0;

font-family: 'Roboto', sans-serif;

background-color: #d0f0c0; /\* Light Green Background \*/

color: #333; /\* Dark Gray Text \*/

display: flex;

flex-direction: column;

min-height: 100vh;

}

a {

text-decoration: none;

}

/\* Navigation Bar \*/

.navbar {

display: flex;

justify-content: space-between;

align-items: center;

background-color: #000; /\* Black Navbar \*/

padding: 10px 20px;

position: sticky;

top: 0;

z-index: 1000;

}

.navbar .logo {

font-size: 24px;

font-weight: bold;

color: #ff8c42; /\* Light Orange Text \*/

font-family: 'Pacifico', cursive;

}

.navbar .nav-links {

list-style: none;

display: flex;

margin: 0;

padding: 0;

}

.navbar .nav-links li {

margin: 0 15px;

}

.navbar .nav-links a {

text-decoration: none;

color: #fff; /\* White Text \*/

font-size: 16px;

font-family: 'Montserrat', sans-serif;

transition: color 0.3s ease;

}

.navbar .nav-links a:hover {

color: #ff8c42; /\* Light Orange on Hover \*/

}

.navbar .nav-links a.active {

color: #ff8c42; /\* Light Orange for Active Page \*/

font-weight: bold;

}

/\* Main Content - Expanded to Full Width \*/

.main-content {

padding: 40px;

flex: 1;

width: 100%; /\* Ensures full width without sidebar \*/

}

.home-section {

max-width: 1200px;

margin: 0 auto;

}

.home-section h1 {

font-size: 48px;

font-family: 'Montserrat', sans-serif;

color: #000; /\* Black Text \*/

margin-bottom: 20px;

}

.home-section .highlight {

color: #ff8c42; /\* Light Orange Highlight \*/

}

.home-section .intro {

font-size: 20px;

line-height: 1.6;

color: #555; /\* Dark Gray Text \*/

margin-bottom: 40px;

}

/\* Services Section \*/

.services {

display: grid;

grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));

gap: 20px;

}

.service-card {

background-color: #fff; /\* White Background \*/

padding: 20px;

border-radius: 8px;

box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

text-align: center;

transition: transform 0.3s ease, box-shadow 0.3s ease;

}

.service-card:hover {

transform: translateY(-10px); /\* Pop-Out Effect \*/

box-shadow: 0 8px 20px rgba(0, 0, 0, 0.2);

}

.service-icon {

font-size: 40px;

color: #ff8c42; /\* Light Orange Icon \*/

margin-bottom: 15px;

}

.service-card h2 {

font-size: 24px;

font-family: 'Montserrat', sans-serif;

color: #000; /\* Black Text \*/

margin-bottom: 10px;

}

.service-card p {

font-size: 16px;

color: #555; /\* Dark Gray Text \*/

}

/\* Footer \*/

footer {

background-color: #000; /\* Black Background \*/

color: #fff; /\* White Text \*/

text-align: center;

padding: 20px;

position: relative;

bottom: 0;

width: 100%;

}

.footer-content {

max-width: 1200px;

margin: 0 auto;

}

.footer-links {

margin: 10px 0;

}

.footer-links a {

color: #ff8c42; /\* Light Orange Text \*/

text-decoration: none;

margin: 0 10px;

}

.footer-links a:hover {

text-decoration: underline;

}

.social-icons {

margin-top: 10px;

}

.social-icons a {

color: #ff8c42; /\* Light Orange Text \*/

margin: 0 10px;

font-size: 20px;

}

.social-icons a:hover {

color: #fff; /\* White Text on Hover \*/

}

/\* Profile Section - Matches Main Page Styling \*/

.profile-section {

max-width: 600px;

margin: auto;

background: #f9f9f9;

padding: 20px;

border-radius: 10px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

.profile-picture {

position: relative;

width: 120px;

height: 120px;

margin: auto;

border-radius: 50%;

overflow: hidden;

}

.profile-picture img {

width: 100%;

height: 100%;

object-fit: cover;

}

.upload-btn {

position: absolute;

bottom: 0;

left: 50%;

transform: translateX(-50%);

background-color: #007bff;

color: white;

border: none;

padding: 5px 10px;

cursor: pointer;

border-radius: 5px;

font-size: 12px;

}

/\* User Information \*/

.user-info label {

font-weight: bold;

display: block;

margin-top: 10px;

}

.user-info input {

width: 100%;

padding: 8px;

margin-top: 5px;

border: 1px solid #ccc;

border-radius: 5px;

background-color: #e9ecef;

cursor: not-allowed;

}

/\* Action Buttons \*/

.action-buttons {

text-align: center;

margin-top: 20px;

}

.action-buttons .action-btn {

background-color: #FF5733; /\* Orange color \*/

color: white;

border: none;

padding: 10px 15px;

margin: 5px;

border-radius: 5px;

cursor: pointer;

font-size: 16px;

}

.action-buttons .action-btn a {

color: white;

text-decoration: none;

}

.action-buttons .action-btn:hover {

background-color: #c13b24;

}

/\* Footer Links \*/

.footer-links a {

display: inline-flex;

align-items: center;

color: #ff8c42;

text-decoration: none;

margin: 0 10px;

}

.footer-links a:hover {

text-decoration: underline;

}

/\* Social Icons \*/

.social-icons {

margin-top: 20px;

}

.social-icons a {

color: #ff8c42;

margin: 0 10px;

font-size: 18px;

}

.social-icons a:hover {

color: #333;

}

/\* Responsive \*/

@media (max-width: 768px) {

.profile-section {

width: 90%;

padding: 20px;

}

.user-info input {

font-size: 14px;

}

.upload-btn {

font-size: 14px;

padding: 8px 12px;

}

.action-buttons button {

font-size: 14px;

padding: 10px 16px;

}

}

/\* Storage Section - Matches Main Page Styling \*/

.storage-section {

max-width: 800px;

margin: auto;

background: #f9f9f9;

padding: 20px;

border-radius: 10px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

/\* Storage Title \*/

.storage-title {

font-family: 'Montserrat', sans-serif;

font-size: 24px;

color: #333;

text-align: center;

margin-bottom: 20px;

}

.storage-summary h2 {

font-family: 'Montserrat', sans-serif;

font-size: 20px;

color: #333;

margin-bottom: 15px;

}

.storage-summary ul {

list-style: none;

padding: 0;

}

.storage-summary li {

font-size: 16px;

margin: 10px 0;

}

.storage-summary i {

color: #FF5733; /\* Orange color for icons \*/

}

/\* Bar Graph Container \*/

.bargraph-container {

margin-top: 20px;

height: 300px; /\* Set the height for the graph \*/

max-width: 100%;

}

/\* Footer Links \*/

.footer-links a {

display: inline-flex;

align-items: center;

color: #ff8c42;

text-decoration: none;

margin: 0 10px;

}

.footer-links a:hover {

text-decoration: underline;

}

/\* Social Icons \*/

.social-icons {

margin-top: 20px;

display: flex;

justify-content: center;

}

.social-icons a {

color: #ff8c42;

margin: 0 15px;

font-size: 22px; /\* Larger icons \*/

}

.social-icons a:hover {

color: #333;

}

/\* Responsive \*/

@media (max-width: 768px) {

.storage-section {

width: 90%;

padding: 20px;

}

.storage-summary li {

font-size: 14px;

}

}

/\* Change User Details Section \*/

.change-details-container {

max-width: 600px;

margin: 50px auto;

padding: 30px;

background-color: #fff;

box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

border-radius: 8px;

}

.change-details-container h2 {

text-align: center;

color: #333;

margin-bottom: 20px;

font-size: 28px;

font-family: 'Montserrat', sans-serif;

}

.change-details-form .form-group {

margin-bottom: 20px;

}

.change-details-form label {

display: block;

font-size: 16px;

margin-bottom: 8px;

color: #555;

}

.change-details-form input {

width: 100%;

padding: 12px;

font-size: 16px;

border: 1px solid #ccc;

border-radius: 5px;

background-color: #f9f9f9;

}

.change-details-form input:focus {

border-color: #ff8c42;

background-color: #fff;

}

.btn-change-details {

width: 100%;

padding: 12px;

background-color: #ff8c42;

color: #fff;

font-size: 18px;

border: none;

border-radius: 5px;

cursor: pointer;

transition: background-color 0.3s ease;

}

.btn-change-details:hover {

background-color: #e77a32;

}

/\* Modal Styles \*/

.modal-content {

background-color: #f8f9fa; /\* Light Background \*/

}

.modal-header {

background-color: #343a40; /\* Dark Header \*/

color: white;

}

.modal-body {

font-size: 16px;

color: #333;

}

.modal-footer .btn-secondary {

background-color: #6c757d; /\* Grey for Cancel \*/

}

.modal-footer .btn-primary {

background-color: #ff8c42; /\* Orange for Yes \*/

}

/\* Change Password Section \*/

.change-password-container {

max-width: 600px;

margin: 50px auto;

padding: 30px;

background-color: #fff;

box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

border-radius: 8px;

}

.change-password-container h2 {

text-align: center;

color: #333;

margin-bottom: 20px;

font-size: 28px;

font-family: 'Montserrat', sans-serif;

}

.change-password-form .form-group {

margin-bottom: 20px;

}

.change-password-form label {

display: block;

font-size: 16px;

margin-bottom: 8px;

color: #555;

}

.password-container {

position: relative;

}

.password-container input {

width: 100%;

padding: 12px;

font-size: 16px;

border: 1px solid #ccc;

border-radius: 5px;

background-color: #f9f9f9;

padding-right: 40px;

}

.toggle-password {

position: absolute;

right: 10px;

top: 50%;

transform: translateY(-50%);

cursor: pointer;

color: #666;

}

.btn-change-password {

width: 100%;

padding: 12px;

background-color: #ff8c42;

color: #fff;

font-size: 18px;

border: none;

border-radius: 5px;

cursor: pointer;

transition: background-color 0.3s ease;

}

.btn-change-password:hover {

background-color: #e77a32;

}

.btn-back {

display: block;

text-align: center;

margin-top: 10px;

font-size: 16px;

color: #ff8c42;

text-decoration: none;

}

.btn-back:hover {

text-decoration: underline;

}

/\* Modal Styling \*/

.modal-content {

background-color: #fff;

border-radius: 8px;

}

.modal-header {

background-color: #ff8c42;

color: white;

}

.modal-footer {

background-color: #f9f9f9;

}

/\* General Styles \*/

body {

margin: 0;

padding: 0;

font-family: 'Roboto', sans-serif;

background-color: #d0f0c0; /\* Light Green Background \*/

color: #333; /\* Dark Gray Text \*/

display: flex;

justify-content: center;

height: 100vh;

flex-direction: column;

}

/\* FileShare Logo \*/

header {

text-align: center;

margin-bottom: 50px;

}

.fancy-logo {

font-family: 'Pacifico', cursive;

font-size: 60px;

color: #ff8c42; /\* Light Orange Text \*/

}

/\* Main Content \*/

main {

text-align: center;

}

/\* Button Container \*/

.options-container {

display: flex;

justify-content: center;

align-items: center;

flex-direction: column;

}

/\* Buttons \*/

.option-btn {

background-color: #ff8c42;

color: white;

font-size: 24px;

padding: 20px 40px;

margin: 20px;

border: none;

border-radius: 8px;

cursor: pointer;

width: 250px;

display: flex;

justify-content: center;

align-items: center;

transition: background-color 0.3s ease;

}

.option-btn:hover {

background-color: #e77a32;

}

.option-btn i {

margin-right: 10px;

}

/\* OR Separator \*/

.or {

font-size: 32px;

margin: 20px;

}

/\* General Styles \*/

body {

margin: 0;

padding: 0;

font-family: 'Roboto', sans-serif;

background-color: #d0f0c0; /\* Light Green Background \*/

color: #333; /\* Dark Gray Text \*/

display: flex;

flex-direction: column;

min-height: 100vh;

}

/\* Navigation Bar \*/

.navbar {

display: flex;

justify-content: space-between;

align-items: center;

background-color: #000; /\* Black Navbar \*/

padding: 10px 20px;

position: sticky;

top: 0;

z-index: 1000;

}

.navbar .logo {

font-size: 24px;

font-weight: bold;

color: #ff8c42; /\* Light Orange Text \*/

font-family: 'Pacifico', cursive;

}

.navbar .nav-links {

list-style: none;

display: flex;

margin: 0;

padding: 0;

}

.navbar .nav-links li {

margin: 0 15px;

}

.navbar .nav-links a {

text-decoration: none;

color: #fff; /\* White Text \*/

font-size: 16px;

font-family: 'Montserrat', sans-serif;

transition: color 0.3s ease;

}

.navbar .nav-links a:hover {

color: #ff8c42; /\* Light Orange on Hover \*/

}

.navbar .nav-links a.active {

color: #ff8c42; /\* Light Orange for Active Page \*/

font-weight: bold;

}

/\* Admin Login Section \*/

.admin-login-section {

display: flex;

justify-content: center;

align-items: center;

flex: 1;

padding: 60px 0;

}

.admin-login-content {

width: 100%;

max-width: 400px;

background-color: #fff;

padding: 30px;

border-radius: 8px;

box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

}

.admin-login-content h2 {

text-align: center;

font-size: 28px;

font-family: 'Montserrat', sans-serif;

margin-bottom: 30px;

color: #333;

}

/\* Form Group \*/

.form-group {

margin-bottom: 20px;

}

.form-group label {

font-size: 16px;

color: #555;

display: block;

margin-bottom: 8px;

}

.form-group input {

width: 100%;

padding: 12px;

font-size: 16px;

border: 1px solid #ccc;

border-radius: 5px;

background-color: #f9f9f9;

}

.form-group input:focus {

border-color: #ff8c42;

background-color: #fff;

}

/\* Password Container with Eye Icon \*/

.password-container {

position: relative;

}

.password-container i {

position: absolute;

right: 10px;

top: 50%;

transform: translateY(-50%);

cursor: pointer;

}

/\* Login Button \*/

.btn-login {

width: 100%;

padding: 12px;

background-color: #ff8c42;

color: white;

font-size: 18px;

border: none;

border-radius: 5px;

cursor: pointer;

transition: background-color 0.3s ease;

}

.btn-login:hover {

background-color: #e77a32;

}

/\* Add this for mobile responsiveness \*/

@media screen and (max-width: 768px) {

.navbar .nav-links {

flex-direction: column;

}

.admin-login-content {

padding: 20px;

}

.admin-login-content h2 {

font-size: 24px;

}

}

/\* Upload Form \*/

.upload-form {

margin-top: 20px;

}

.upload-form label {

font-size: 18px;

font-family: 'Montserrat', sans-serif;

color: #555;

}

.upload-form input[type="file"] {

width: 100%;

padding: 10px;

margin: 10px 0;

border: 1px solid #ddd;

border-radius: 4px;

font-family: 'Roboto', sans-serif;

}

.btn-upload {

background-color: #ff8c42; /\* Light Orange \*/

color: #fff;

padding: 10px 20px;

border: none;

border-radius: 4px;

cursor: pointer;

font-family: 'Montserrat', sans-serif;

font-size: 16px;

}

.btn-upload:hover {

opacity: 0.9;

}

/\* Share Form \*/

.share-form {

margin-top: 20px;

}

.share-form label {

font-size: 18px;

font-family: 'Montserrat', sans-serif;

color: #555;

}

.share-form select {

width: 100%;

padding: 10px;

margin: 10px 0;

border: 1px solid #ddd;

border-radius: 4px;

font-family: 'Roboto', sans-serif;

}

.btn-share {

background-color: #ff8c42; /\* Light Orange \*/

color: #fff;

padding: 10px 20px;

border: none;

border-radius: 4px;

cursor: pointer;

font-family: 'Montserrat', sans-serif;

font-size: 16px;

}

.btn-share:hover {

opacity: 0.9;

}

/\* Shared Files Section Styles \*/

.shared-files-section {

background-color: #f9f9f9;

padding: 20px;

border-radius: 8px;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

margin-top: 40px; /\* Adding space between sections \*/

}

.shared-files-section h1 {

font-size: 24px;

font-family: 'Roboto', sans-serif;

color: #333;

margin-bottom: 15px;

}

.shared-files-section .intro {

font-size: 16px;

color: #777;

margin-bottom: 20px;

}

.shared-files-list {

display: flex;

flex-direction: column;

gap: 15px;

}

.file-item {

display: flex;

align-items: center;

justify-content: space-between;

padding: 10px;

background-color: #fff;

border-radius: 5px;

box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);

}

.file-item span {

font-size: 16px;

color: #555;

}

.file-item .btn-download {

background-color: #ff8c42;

color: #fff;

border: none;

padding: 8px 15px;

border-radius: 5px;

cursor: pointer;

font-size: 14px;

display: flex;

align-items: center;

gap: 5px;

}

.file-item .btn-download:hover {

background-color: #e67e34;

}

.file-item .btn-download i {

font-size: 16px;

}

/\* Password Form \*/

.password-form {

margin-top: 20px;

}

.password-form label {

font-size: 18px;

font-family: 'Montserrat', sans-serif;

color: #555;

}

.password-form input[type="password"] {

width: 100%;

padding: 10px;

margin: 10px 0;

border: 1px solid #ddd;

border-radius: 4px;

font-family: 'Roboto', sans-serif;

}

.btn-set-password {

background-color: #ff8c42; /\* Light Orange \*/

color: #fff;

padding: 10px 20px;

border: none;

border-radius: 4px;

cursor: pointer;

font-family: 'Montserrat', sans-serif;

font-size: 16px;

}

.btn-set-password:hover {

opacity: 0.9;

}

/\* Center the authentication container \*/

.main-content {

margin-top: 180px;

}

.auth-container {

margin-top: 480px;

max-width: 500px;

margin: 50px auto;

padding: 20px;

background-color: #fff;

border-radius: 8px;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

}

.auth-container h2 {

text-align: center;

color: #333;

margin-bottom: 20px;

}

/\* Input Fields \*/

.input-group {

margin-bottom: 20px;

}

.input-group label {

display: block;

font-weight: bold;

margin-bottom: 5px;

color: #555;

}

.input-group input,

.input-group select {

width: 100%;

padding: 10px;

margin-top: 5px;

border: 1px solid #ccc;

border-radius: 4px;

}

.input-group input:focus,

.input-group select:focus {

outline: none;

border-color: #007bff;

}

.error-message {

color: red;

font-size: 12px;

margin-top: 5px;

}

/\* Register Button \*/

button {

width: 100%;

padding: 12px;

background-color: #ff8c42;

color: white;

border: none;

border-radius: 4px;

cursor: pointer;

font-size: 16px;

margin-top: 20px;

}

button:hover {

background-color: #ff6a1f;

}

p {

text-align: center;

margin-top: 20px;

}

p a {

color: #007bff;

text-decoration: none;

}

p a:hover {

text-decoration: underline;

}

/\* Eye Icon \*/

.password-container {

position: relative;

}

.password-container i {

position: absolute;

right: 10px;

top: 50%;

transform: translateY(-50%);

cursor: pointer;

}  
  
  
 **ADMIN HTML AND CSS:**<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Admin Login - FileShare</title>

<link rel="stylesheet" href="styles.css">

<!-- Font Awesome for Icons -->

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

</head>

<body>

<!-- Navigation Bar (Icon removed) -->

<nav class="navbar">

<div class="logo">FileShare</div>

</nav>

<!-- Admin Login Section -->

<section class="admin-login-section">

<div class="admin-login-content">

<h2>Admin Login</h2>

<form id="admin-login-form" action="adminmain.html" method="POST">

<!-- Username Field -->

<div class="form-group">

<label for="username">Username:</label>

<input type="text" id="username" name="username" placeholder="Enter your username" required>

</div>

<!-- Password Field with Toggle Visibility -->

<div class="form-group">

<label for="password">Password:</label>

<div class="password-container">

<input type="password" id="password" name="password" placeholder="Enter your password" required>

<i class="fas fa-eye" id="toggle-password"></i>

</div>

</div>

<!-- Login Button -->

<button type="submit" class="btn-login">Login</button>

</form>

</div>

</section>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2025 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- JavaScript for Toggle Password Visibility -->

<script>

const togglePassword = document.getElementById('toggle-password');

const passwordField = document.getElementById('password');

togglePassword.addEventListener('click', function () {

// Toggle password visibility

const type = passwordField.getAttribute('type') === 'password' ? 'text' : 'password';

passwordField.setAttribute('type', type);

// Toggle eye icon

this.classList.toggle('fa-eye');

this.classList.toggle('fa-eye-slash');

});

</script>

</body>

</html>  
  
  
This is the admin login page whre admin can login and for admin always the admin username should be (beeshal) and password (beeshal123)  
after that it should direct the admin to the admin dashboard  
  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Admin Dashboard - FileShare</title>

<link rel="stylesheet" href="admin.css">

<!-- Font Awesome for Icons -->

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<!-- Google Fonts for Typography -->

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="adminmain.html" class="active"><i class="fas fa-home"></i> Admin Dashboard</a></li>

<li><a href="adminprofile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content full-width">

<section class="home-section" id="home">

<h1>Welcome to <span class="highlight">Admin Dashboard</span></h1>

<p class="intro">

Manage the file sharing system, users, and storage efficiently using the tools below.

</p>

<div class="services">

<!-- Link to View All Users -->

<a href="viewusers.html" class="service-card">

<i class="fas fa-users service-icon"></i>

<h2>View All Users</h2>

<p>Manage and monitor all registered users.</p>

</a>

<!-- Link to Activate/Deactivate Users -->

<a href="activateus.html" class="service-card">

<i class="fas fa-user-check service-icon"></i>

<h2>Activate/Deactivate Users</h2>

<p>Enable or disable user accounts as needed.</p>

</a>

<!-- Link to Reset User Passwords -->

<a href="resetpass.html" class="service-card">

<i class="fas fa-key service-icon"></i>

<h2>Reset User Passwords</h2>

<p>Reset passwords for users when necessary.</p>

</a>

<!-- Link to Assign Roles -->

<a href="assignroles.html" class="service-card">

<i class="fas fa-shield-alt service-icon"></i>

<h2>Assign Roles</h2>

<p>Assign roles like admin or user to individuals.</p>

</a>

<!-- Link to View All Files -->

<a href="viewallfiles.html" class="service-card">

<i class="fas fa-file-alt service-icon"></i>

<h2>View All Files</h2>

<p>Access all uploaded files in the system.</p>

</a>

<!-- Link to Remove Inappropriate Files -->

<a href="removefiles.html" class="service-card">

<i class="fas fa-trash service-icon"></i>

<h2>Remove Inappropriate Files</h2>

<p>Remove files that do not comply with the platform's policies.</p>

</a>

<!-- Link to Set File Size Limits -->

<a href="setsize.html" class="service-card">

<i class="fas fa-hdd service-icon"></i>

<h2>Set File Size Limits</h2>

<p>Manage the maximum file size allowed for uploads.</p>

</a>

<!-- Link to Monitor File Access -->

<a href="fileaccess.html" class="service-card">

<i class="fas fa-search service-icon"></i>

<h2>Monitor File Access</h2>

<p>Track how and when files are being accessed.</p>

</a>

<!-- Link to Storage Monitoring -->

<a href="storage-a.html" class="service-card">

<i class="fas fa-database service-icon"></i>

<h2>Storage Monitoring</h2>

<p>Track usage per user and total system storage.</p>

</a>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

</body>

</html>  
  
This is the main dashboard for the admin where all the services are available and seen after loggin in this should be the main page of the admin  
  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>View All Users - FileShare</title>

<link rel="stylesheet" href="admin.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="adminmain.html"><i class="fas fa-home"></i> Admin Dashboard</a></li>

<li><a href="adminprofile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content">

<section class="admin-section">

<h1><i class="fas fa-users"></i> View All Users</h1>

<div class="user-table">

<table>

<thead>

<tr>

<th>ID</th>

<th>Name</th>

<th>Email</th>

<th>Role</th>

<th>Status</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>John Doe</td>

<td>john@example.com</td>

<td>User</td>

<td>Active</td>

</tr>

<tr>

<td>2</td>

<td>Jane Smith</td>

<td>jane@example.com</td>

<td>Admin</td>

<td>Inactive</td>

</tr>

</tbody>

</table>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

</body>

</html>  
(This is the view user section where all the user who have logged in and all the registerd user are seen here with their role name email and status (active /Inactive))  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Activate/Deactivate Users - FileShare</title>

<link rel="stylesheet" href="admin.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="adminmain.html"><i class="fas fa-home"></i> Admin Dashboard</a></li>

<li><a href="adminprofile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content">

<section class="admin-section">

<h1><i class="fas fa-user-check"></i> Activate/Deactivate Users</h1>

<div class="user-table">

<table>

<thead>

<tr>

<th>ID</th>

<th>Name</th>

<th>Email</th>

<th>Status</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>John Doe</td>

<td>john@example.com</td>

<td>Active</td>

<td>

<button class="btn-deactivate" onclick="confirmAction('deactivate')">Deactivate</button>

</td>

</tr>

<tr>

<td>2</td>

<td>Jane Smith</td>

<td>jane@example.com</td>

<td>Inactive</td>

<td>

<button class="btn-activate" onclick="confirmAction('activate')">Activate</button>

</td>

</tr>

</tbody>

</table>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- JavaScript for Confirmation and Redirection -->

<script>

function confirmAction(action) {

if (confirm(`Are you sure you want to ${action} this user?`)) {

alert(`User has been ${action}d successfully!`);

window.location.href = "adminmain.html"; // Redirect to Admin Dashboard

}

}

</script>

</body>

</html>  
  
(This is the activation section where user who are active and inactive can be seen and user who are currently active can be deactivated and user who are currently deactivated are also seen but can’t do anything to them just the button is there which cant be clickable (need to change this) )  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Reset User Passwords - FileShare</title>

<link rel="stylesheet" href="admin.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="adminmain.html"><i class="fas fa-home"></i> Admin Dashboard</a></li>

<li><a href="adminprofile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content">

<section class="admin-section">

<h1><i class="fas fa-key"></i> Reset User Passwords</h1>

<div class="reset-form">

<form onsubmit="confirmAction(event)">

<label for="user-select">Select User:</label>

<select id="user-select" name="user" required>

<option value="1">John Doe (john@example.com)</option>

<option value="2">Jane Smith (jane@example.com)</option>

</select>

<button type="submit" class="btn-reset">Reset Password</button>

</form>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- JavaScript for Confirmation and Redirection -->

<script>

function confirmAction(event) {

event.preventDefault(); // Prevent form submission

if (confirm("Are you sure you want to reset this user's password?")) {

alert("Password reset successfully!");

window.location.href = "adminmain.html"; // Redirect to Admin Dashboard

}

}

</script>

</body>

</html>  
  
This is the reset user password section the user who have already reseted their password can be seen here form the history of a month just the email of users who have changed their password(needs to be changed as what I said )  
   
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assign Roles - FileShare</title>

<link rel="stylesheet" href="admin.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="adminmain.html"><i class="fas fa-home"></i> Admin Dashboard</a></li>

<li><a href="adminprofile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content">

<section class="admin-section">

<h1><i class="fas fa-shield-alt"></i> Assign Roles</h1>

<div class="role-table">

<table>

<thead>

<tr>

<th>ID</th>

<th>Name</th>

<th>Email</th>

<th>Current Role</th>

<th>Assign Role</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>John Doe</td>

<td>john@example.com</td>

<td>User</td>

<td>

<select class="role-select">

<option value="user">User</option>

<option value="admin">Admin</option>

</select>

<button class="btn-assign" onclick="confirmAction()">Assign</button>

</td>

</tr>

<tr>

<td>2</td>

<td>Jane Smith</td>

<td>jane@example.com</td>

<td>Admin</td>

<td>

<select class="role-select">

<option value="user">User</option>

<option value="admin">Admin</option>

</select>

<button class="btn-assign" onclick="confirmAction()">Assign</button>

</td>

</tr>

</tbody>

</table>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- JavaScript for Confirmation and Redirection -->

<script>

function confirmAction() {

if (confirm("Are you sure you want to assign this role?")) {

alert("Role assigned successfully!");

window.location.href = "adminmain.html"; // Redirect to Admin Dashboard

}

}

</script>

</body>

</html>  
This is the change roles section where admin can change roles of user to admin where the necessary details are visible  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>View All Files - FileShare</title>

<link rel="stylesheet" href="admin.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="adminmain.html"><i class="fas fa-home"></i> Admin Dashboard</a></li>

<li><a href="adminprofile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content">

<section class="admin-section">

<h1><i class="fas fa-file-alt"></i> View All Files</h1>

<div class="file-table">

<table>

<thead>

<tr>

<th>File Name</th>

<th>Uploaded By</th>

<th>Size</th>

<th>Upload Date</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<tr>

<td>report.pdf</td>

<td>John Doe</td>

<td>2.5 MB</td>

<td>2023-10-01</td>

<td><button class="btn-download">Download</button></td>

</tr>

<tr>

<td>image.png</td>

<td>Jane Smith</td>

<td>1.2 MB</td>

<td>2023-10-02</td>

<td><button class="btn-download">Download</button></td>

</tr>

</tbody>

</table>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

</body>

</html>  
  
This is the view all files page where all files can be seen and accessed by the admin too and with the details and the action that they can do is download the file uploaded by the user  
  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Remove Inappropriate Files - FileShare</title>

<link rel="stylesheet" href="admin.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="adminmain.html"><i class="fas fa-home"></i> Admin Dashboard</a></li>

<li><a href="adminprofile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content">

<section class="admin-section">

<h1><i class="fas fa-trash"></i> Remove Inappropriate Files</h1>

<div class="file-table">

<table>

<thead>

<tr>

<th>File Name</th>

<th>Uploaded By</th>

<th>Size</th>

<th>Upload Date</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<tr>

<td>report.pdf</td>

<td>John Doe</td>

<td>2.5 MB</td>

<td>2023-10-01</td>

<td>

<button class="btn-remove" onclick="confirmAction()">Remove</button>

</td>

</tr>

<tr>

<td>image.png</td>

<td>Jane Smith</td>

<td>1.2 MB</td>

<td>2023-10-02</td>

<td>

<button class="btn-remove" onclick="confirmAction()">Remove</button>

</td>

</tr>

</tbody>

</table>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- JavaScript for Confirmation and Redirection -->

<script>

function confirmAction() {

if (confirm("Are you sure you want to remove this file?")) {

alert("File removed successfully!");

window.location.href = "adminmain.html"; // Redirect to Admin Dashboard

}

}

</script>

</body>

</html>  
  
This is the remove inappropriate files section where we can try to remove what is unnecessary for the system removing means simply deleting from the system and server  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Set File Size Limits - FileShare</title>

<link rel="stylesheet" href="admin.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="adminmain.html"><i class="fas fa-home"></i> Admin Dashboard</a></li>

<li><a href="adminprofile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content">

<section class="admin-section">

<h1><i class="fas fa-hdd"></i> Set File Size Limits</h1>

<div class="limit-form">

<form onsubmit="confirmAction(event)">

<label for="file-limit">Maximum File Size (MB):</label>

<input type="number" id="file-limit" name="file-limit" min="1" max="100" value="10" required>

<button type="submit" class="btn-save">Save</button>

</form>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

<!-- JavaScript for Confirmation and Redirection -->

<script>

function confirmAction(event) {

event.preventDefault(); // Prevent form submission

if (confirm("Are you sure you want to save the file size limit?")) {

alert("File size limit saved successfully!");

window.location.href = "adminmain.html"; // Redirect to Admin Dashboard

}

}

</script>

</body>

</html>  
  
( Setting size based on a MB and making sure that it applies for all the users)  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Monitor File Access - FileShare</title>

<link rel="stylesheet" href="admin.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="adminmain.html"><i class="fas fa-home"></i> Admin Dashboard</a></li>

<li><a href="adminprofile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content">

<section class="admin-section">

<h1><i class="fas fa-search"></i> Monitor File Access</h1>

<div class="access-table">

<table>

<thead>

<tr>

<th>File Name</th>

<th>Accessed By</th>

<th>Access Date</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<tr>

<td>report.pdf</td>

<td>John Doe</td>

<td>2023-10-01 10:30 AM</td>

<td><button class="btn-details">View Details</button></td>

</tr>

<tr>

<td>image.png</td>

<td>Jane Smith</td>

<td>2023-10-02 02:15 PM</td>

<td><button class="btn-details">View Details</button></td>

</tr>

</tbody>

</table>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

</body>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Storage Monitoring - FileShare</title>

<link rel="stylesheet" href="admin.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="adminmain.html"><i class="fas fa-home"></i> Admin Dashboard</a></li>

<li><a href="adminprofile.html"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Main Content -->

<main class="main-content">

<section class="admin-section">

<h1><i class="fas fa-database"></i> Storage Monitoring</h1>

<div class="storage-stats">

<div class="stat-card">

<h2>Total Storage</h2>

<p>100 GB</p>

</div>

<div class="stat-card">

<h2>Used Storage</h2>

<p>45 GB</p>

</div>

<div class="stat-card">

<h2>Available Storage</h2>

<p>55 GB</p>

</div>

</div>

<div class="user-storage-table">

<table>

<thead>

<tr>

<th>User</th>

<th>Used Storage</th>

<th>Files Uploaded</th>

</tr>

</thead>

<tbody>

<tr>

<td>John Doe</td>

<td>10 GB</td>

<td>25</td>

</tr>

<tr>

<td>Jane Smith</td>

<td>8 GB</td>

<td>20</td>

</tr>

</tbody>

</table>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

</body>

</html>  
  
  
(This is the storage tracking page where how much storage is used how much is available and what is the total amount of storage can also be seen and also the storage used by the specific list of users with the details and the amount of storage that they have used )  
  
  
  
  
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Admin Profile - FileShare</title>

<link rel="stylesheet" href="styles.css">

<!-- Font Awesome for Icons -->

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<!-- Google Fonts for Typography -->

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&family=Montserrat:wght@700&family=Pacifico&display=swap" rel="stylesheet">

</head>

<body>

<!-- Navigation Bar -->

<nav class="navbar">

<div class="logo">FileShare</div>

<ul class="nav-links">

<li><a href="adminmain.html"><i class="fas fa-home"></i> Admin Dashboard</a></li>

<li><a href="adminprofile.html" class="active"><i class="fas fa-user"></i> Profile</a></li>

<li><a href="index.html"><i class="fas fa-sign-out-alt"></i> Logout</a></li>

</ul>

</nav>

<!-- Admin Profile Section -->

<main class="main-content full-width">

<section class="admin-profile-section" id="profile">

<div class="profile-header">

<h1>Admin Profile</h1>

</div>

<div class="profile-details">

<div class="profile-info">

<h2>Personal Information</h2>

<p><strong>Name:</strong> John Doe</p>

<p><strong>Email:</strong> admin@fileshare.com</p>

<p><strong>Role:</strong> Admin</p>

<p><strong>Joined:</strong> January 15, 2023</p>

</div>

<div class="profile-settings">

<h2>Account Settings</h2>

<p><a href="#">Update Email</a></p>

<p><a href="#">Deactivate Account</a></p>

</div>

</div>

</section>

</main>

<!-- Footer -->

<footer>

<div class="footer-content">

<p>&copy; 2023 FileShare. All rights reserved.</p>

<div class="footer-links">

<a href="#privacy">Privacy Policy</a> |

<a href="#terms">Terms of Service</a> |

<a href="#contact">Contact Us</a>

</div>

<div class="social-icons">

<a href="#facebook"><i class="fab fa-facebook"></i></a>

<a href="#twitter"><i class="fab fa-twitter"></i></a>

<a href="#linkedin"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</footer>

</body>

</html>  
  
  
This is the profile section where details can be seen and updating email and deactivating account are the options that is available  
  
  
/\* General Styles \*/

body {

margin: 0;

padding: 0;

font-family: 'Roboto', sans-serif;

background-color: #d0f0c0; /\* Light Green Background \*/

color: #333; /\* Dark Gray Text \*/

display: flex;

flex-direction: column;

min-height: 100vh;

}

a {

text-decoration: none;

}

/\* Navigation Bar \*/

.navbar {

display: flex;

justify-content: space-between;

align-items: center;

background-color: #000; /\* Black Navbar \*/

padding: 10px 20px;

position: sticky;

top: 0;

z-index: 1000;

}

.navbar .logo {

font-size: 24px;

font-weight: bold;

color: #ff8c42; /\* Light Orange Text \*/

font-family: 'Pacifico', cursive;

}

.navbar .nav-links {

list-style: none;

display: flex;

margin: 0;

padding: 0;

}

.navbar .nav-links li {

margin: 0 15px;

}

.navbar .nav-links a {

text-decoration: none;

color: #fff; /\* White Text \*/

font-size: 16px;

font-family: 'Montserrat', sans-serif;

transition: color 0.3s ease;

}

.navbar .nav-links a:hover {

color: #ff8c42; /\* Light Orange on Hover \*/

}

.navbar .nav-links a.active {

color: #ff8c42; /\* Light Orange for Active Page \*/

font-weight: bold;

}

/\* Main Content - Expanded to Full Width \*/

.main-content {

padding: 40px;

flex: 1;

width: 100%; /\* Ensures full width without sidebar \*/

}

.home-section {

max-width: 1200px;

margin: 0 auto;

}

.home-section h1 {

font-size: 48px;

font-family: 'Montserrat', sans-serif;

color: #000; /\* Black Text \*/

margin-bottom: 20px;

}

.home-section .highlight {

color: #ff8c42; /\* Light Orange Highlight \*/

}

.home-section .intro {

font-size: 20px;

line-height: 1.6;

color: #555; /\* Dark Gray Text \*/

margin-bottom: 40px;

}

/\* Services Section \*/

.services {

display: grid;

grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));

gap: 20px;

}

.service-card {

background-color: #fff; /\* White Background \*/

padding: 20px;

border-radius: 8px;

box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

text-align: center;

transition: transform 0.3s ease, box-shadow 0.3s ease;

}

.service-card:hover {

transform: translateY(-10px); /\* Pop-Out Effect \*/

box-shadow: 0 8px 20px rgba(0, 0, 0, 0.2);

}

.service-icon {

font-size: 40px;

color: #ff8c42; /\* Light Orange Icon \*/

margin-bottom: 15px;

}

.service-card h2 {

font-size: 24px;

font-family: 'Montserrat', sans-serif;

color: #000; /\* Black Text \*/

margin-bottom: 10px;

}

.service-card p {

font-size: 16px;

color: #555; /\* Dark Gray Text \*/

}

.main-content {

padding: 40px;

flex: 1;

width: 100%;

}

.admin-profile-section {

max-width: 1200px;

margin: 0 auto;

}

.profile-header h1 {

font-size: 48px;

font-family: 'Montserrat', sans-serif;

color: #000; /\* Black Text \*/

margin-bottom: 30px;

}

/\* Profile Information and Settings \*/

.profile-details {

display: grid;

grid-template-columns: 1fr 1fr;

gap: 40px;

}

.profile-info,

.profile-settings {

background-color: #fff;

padding: 20px;

border-radius: 8px;

box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

}

.profile-info h2,

.profile-settings h2 {

font-size: 24px;

font-family: 'Montserrat', sans-serif;

color: #000; /\* Black Text \*/

margin-bottom: 20px;

}

.profile-info p,

.profile-settings p {

font-size: 18px;

color: #555; /\* Dark Gray Text \*/

margin-bottom: 10px;

}

.profile-settings a {

color: #ff8c42; /\* Light Orange \*/

font-size: 18px;

font-family: 'Montserrat', sans-serif;

}

.profile-settings a:hover {

text-decoration: underline;

}

/\* Footer \*/

footer {

background-color: #000; /\* Black Background \*/

color: #fff; /\* White Text \*/

text-align: center;

padding: 20px;

position: relative;

bottom: 0;

width: 100%;

}

.footer-content {

max-width: 1200px;

margin: 0 auto;

}

.footer-links {

margin: 10px 0;

}

.footer-links a {

color: #ff8c42; /\* Light Orange Text \*/

text-decoration: none;

margin: 0 10px;

}

.footer-links a:hover {

text-decoration: underline;

}

.social-icons {

margin-top: 10px;

}

.social-icons a {

color: #ff8c42; /\* Light Orange Text \*/

margin: 0 10px;

font-size: 20px;

}

.social-icons a:hover {

color: #fff; /\* White Text on Hover \*/

}

.main-content {

padding: 40px;

flex: 1;

width: 100%;

}

.admin-profile-section {

max-width: 1200px;

margin: 0 auto;

}

.profile-header h1 {

font-size: 48px;

font-family: 'Montserrat', sans-serif;

color: #000; /\* Black Text \*/

margin-bottom: 30px;

}

/\* Profile Information and Settings \*/

.profile-details {

display: grid;

grid-template-columns: 1fr 1fr;

gap: 40px;

}

.profile-info,

.profile-settings {

background-color: #fff;

padding: 20px;

border-radius: 8px;

box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

}

.profile-info h2,

.profile-settings h2 {

font-size: 24px;

font-family: 'Montserrat', sans-serif;

color: #000; /\* Black Text \*/

margin-bottom: 20px;

}

.profile-info p,

.profile-settings p {

font-size: 18px;

color: #555; /\* Dark Gray Text \*/

margin-bottom: 10px;

}

.profile-settings a {

color: #ff8c42; /\* Light Orange \*/

font-size: 18px;

font-family: 'Montserrat', sans-serif;

}

.profile-settings a:hover {

text-decoration: underline;

}

/\* View All Users Table \*/

.user-table {

margin-top: 20px;

overflow-x: auto;

}

.user-table table {

width: 100%;

border-collapse: collapse;

background-color: #fff;

box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

}

.user-table th,

.user-table td {

padding: 12px;

text-align: left;

border-bottom: 1px solid #ddd;

}

.user-table th {

background-color: #ff8c42; /\* Light Orange \*/

color: #fff;

font-family: 'Montserrat', sans-serif;

}

.user-table tr:hover {

background-color: #f5f5f5;

}

/\* Activate/Deactivate Buttons \*/

.btn-activate,

.btn-deactivate {

padding: 8px 12px;

border: none;

border-radius: 4px;

cursor: pointer;

font-family: 'Montserrat', sans-serif;

font-size: 14px;

}

.btn-activate {

background-color: #28a745; /\* Green \*/

color: #fff;

}

.btn-deactivate {

background-color: #dc3545; /\* Red \*/

color: #fff;

}

.btn-activate:hover,

.btn-deactivate:hover {

opacity: 0.9;

}

/\* Reset Password Form \*/

.reset-form {

margin-top: 20px;

}

.reset-form label {

font-size: 18px;

font-family: 'Montserrat', sans-serif;

color: #555;

}

.reset-form select {

width: 100%;

padding: 10px;

margin: 10px 0;

border: 1px solid #ddd;

border-radius: 4px;

font-family: 'Roboto', sans-serif;

}

.btn-reset {

background-color: #ff8c42; /\* Light Orange \*/

color: #fff;

padding: 10px 20px;

border: none;

border-radius: 4px;

cursor: pointer;

font-family: 'Montserrat', sans-serif;

font-size: 16px;

}

.btn-reset:hover {

opacity: 0.9;

}

/\* Assign Roles Table \*/

.role-table {

margin-top: 20px;

overflow-x: auto;

}

.role-table table {

width: 100%;

border-collapse: collapse;

background-color: #fff;

box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

}

.role-table th,

.role-table td {

padding: 12px;

text-align: left;

border-bottom: 1px solid #ddd;

}

.role-table th {

background-color: #ff8c42; /\* Light Orange \*/

color: #fff;

font-family: 'Montserrat', sans-serif;

}

.role-table tr:hover {

background-color: #f5f5f5;

}

.role-select {

padding: 8px;

border: 1px solid #ddd;

border-radius: 4px;

font-family: 'Roboto', sans-serif;

}

.btn-assign {

background-color: #28a745; /\* Green \*/

color: #fff;

padding: 8px 12px;

border: none;

border-radius: 4px;

cursor: pointer;

font-family: 'Montserrat', sans-serif;

font-size: 14px;

}

.btn-assign:hover {

opacity: 0.9;

}

/\* View All Files Table \*/

.file-table {

margin-top: 20px;

overflow-x: auto;

}

.file-table table {

width: 100%;

border-collapse: collapse;

background-color: #fff;

box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

}

.file-table th,

.file-table td {

padding: 12px;

text-align: left;

border-bottom: 1px solid #ddd;

}

.file-table th {

background-color: #ff8c42; /\* Light Orange \*/

color: #fff;

font-family: 'Montserrat', sans-serif;

}

.file-table tr:hover {

background-color: #f5f5f5;

}

.btn-download {

background-color: #007bff; /\* Blue \*/

color: #fff;

padding: 8px 12px;

border: none;

border-radius: 4px;

cursor: pointer;

font-family: 'Montserrat', sans-serif;

font-size: 14px;

}

.btn-download:hover {

opacity: 0.9;

}

/\* Remove Inappropriate Files Table \*/

.btn-remove {

background-color: #dc3545; /\* Red \*/

color: #fff;

padding: 8px 12px;

border: none;

border-radius: 4px;

cursor: pointer;

font-family: 'Montserrat', sans-serif;

font-size: 14px;

}

.btn-remove:hover {

opacity: 0.9;

}

/\* Set File Size Limits Form \*/

.limit-form {

margin-top: 20px;

}

.limit-form label {

font-size: 18px;

font-family: 'Montserrat', sans-serif;

color: #555;

}

.limit-form input {

width: 100%;

padding: 10px;

margin: 10px 0;

border: 1px solid #ddd;

border-radius: 4px;

font-family: 'Roboto', sans-serif;

}

.btn-save {

background-color: #28a745; /\* Green \*/

color: #fff;

padding: 10px 20px;

border: none;

border-radius: 4px;

cursor: pointer;

font-family: 'Montserrat', sans-serif;

font-size: 16px;

}

.btn-save:hover {

opacity: 0.9;

}

/\* Monitor File Access Table \*/

.access-table {

margin-top: 20px;

overflow-x: auto;

}

.access-table table {

width: 100%;

border-collapse: collapse;

background-color: #fff;

box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

}

.access-table th,

.access-table td {

padding: 12px;

text-align: left;

border-bottom: 1px solid #ddd;

}

.access-table th {

background-color: #ff8c42; /\* Light Orange \*/

color: #fff;

font-family: 'Montserrat', sans-serif;

}

.access-table tr:hover {

background-color: #f5f5f5;

}

.btn-details {

background-color: #007bff; /\* Blue \*/

color: #fff;

padding: 8px 12px;

border: none;

border-radius: 4px;

cursor: pointer;

font-family: 'Montserrat', sans-serif;

font-size: 14px;

}

.btn-details:hover {

opacity: 0.9;

}

/\* Storage Monitoring \*/

.storage-stats {

display: grid;

grid-template-columns: repeat(auto-fit, minmax(200px, 1fr));

gap: 20px;

margin-top: 20px;

}

.stat-card {

background-color: #fff;

padding: 20px;

border-radius: 8px;

box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

text-align: center;

}

.stat-card h2 {

font-size: 20px;

font-family: 'Montserrat', sans-serif;

color: #000;

margin-bottom: 10px;

}

.stat-card p {

font-size: 18px;

color: #555;

}

.user-storage-table {

margin-top: 20px;

overflow-x: auto;

}

.user-storage-table table {

width: 100%;

border-collapse: collapse;

background-color: #fff;

box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

}

.user-storage-table th,

.user-storage-table td {

padding: 12px;

text-align: left;

border-bottom: 1px solid #ddd;

}

.user-storage-table th {

background-color: #ff8c42; /\* Light Orange \*/

color: #fff;

font-family: 'Montserrat', sans-serif;

}

.user-storage-table tr:hover {

background-color: #f5f5f5;

}  
  
This is the Admin css   
  
  
  
This is the total frontend that has been created so far

**Backend Logic (Upto-now):  
With the Backend What need to be understood is everything that will be given should be fully edited and anyfiles to be added should be mentioned as well**package com.example.file\_share.config;

import com.example.file\_share.models.CustomUserDetails;

import com.example.file\_share.service.UserService;

import org.springframework.context.annotation.Bean;

import org.springframework.context.annotation.Configuration;

import org.springframework.security.authentication.AuthenticationManager;

import org.springframework.security.authentication.AuthenticationManagerResolver;

import org.springframework.security.authentication.dao.DaoAuthenticationProvider;

import org.springframework.security.config.annotation.authentication.configuration.AuthenticationConfiguration;

import org.springframework.security.config.annotation.web.builders.HttpSecurity;

import org.springframework.security.core.userdetails.UserDetailsService;

import org.springframework.security.crypto.bcrypt.BCryptPasswordEncoder;

import org.springframework.security.crypto.password.PasswordEncoder;

import org.springframework.security.web.SecurityFilterChain;

@Configuration

public class SecurityConfig {

private final UserService userService;

public SecurityConfig(UserService userService) {

this.userService = userService;

}

@Bean

public SecurityFilterChain securityFilterChain(HttpSecurity http) throws Exception {

http

.csrf(csrf -> csrf.disable()) // Disable CSRF for development, consider enabling for production

.authorizeHttpRequests(auth -> auth

.requestMatchers("/dashboard", "/main.html") // Protect dashboard access

.authenticated() // Require authentication to access these endpoints

.requestMatchers("/users/\*\*", "/roles/\*\*")

.hasRole("ADMIN") // Restrict these to ADMIN role

.requestMatchers("/files/\*\*")

.hasRole("USER") // Restrict `files/\*\*` to USER role

.anyRequest()

.permitAll() // Allow public access to all other endpoints

)

// Configure form-based login

.formLogin(form -> form

.loginPage("/userlogin") // Define custom login page

.loginProcessingUrl("/perform\_login") // Define endpoint to process login

.defaultSuccessUrl("/dashboard") // Redirect to dashboard (main.html) after login

.failureUrl("/userlogin?error=true") // Redirect on login failure

.permitAll() // Allow everyone to access the login page

)

// Configure logout

.logout(logout -> logout

.logoutUrl("/logout") // Define logout URL

.logoutSuccessUrl("/userlogin?logout=true") // Redirect to login page after logout

.deleteCookies("JSESSIONID") // Clear session cookies upon logout

.invalidateHttpSession(true) // Invalidate the session

.permitAll() // Allow access to logout for all users

)

// Exception handling (redirect unauthorized users to login)

.exceptionHandling(exception -> exception

.accessDeniedPage("/403") // Redirect to a custom "Access Denied" page

);

return http.build();

}

@Bean

public PasswordEncoder passwordEncoder() {

return new BCryptPasswordEncoder(); // BCrypt is used for encoding user passwords

}

@Bean

public UserDetailsService userDetailsService() {

// Load user details using UserService

return username -> userService.findByUsername(username)

.map(user -> new CustomUserDetails(user)) // Wrap the user in the CustomUserDetails object

.orElseThrow(() -> new RuntimeException("User not found"));

}

@Bean

public DaoAuthenticationProvider authenticationProvider() {

// Configure authentication provider with userDetailsService and password encoder

DaoAuthenticationProvider provider = new DaoAuthenticationProvider();

provider.setUserDetailsService(userDetailsService());

provider.setPasswordEncoder(passwordEncoder());

return provider;

}

@Bean

public AuthenticationManager authenticationManager(AuthenticationConfiguration authConfig) throws Exception {

// AuthenticationManager bean to handle authentication processes

return authConfig.getAuthenticationManager();

}

}  
  
Security Config Inside Config  
  
  
**Inside COntroller**

package com.example.file\_share.controller;

import org.springframework.stereotype.Controller;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.PostMapping;

import org.springframework.web.bind.annotation.RequestParam;

@Controller

public class AdminController {

// Serves the admin login page (adminlogin.html)

@GetMapping("/adminlogin")

public String adminLoginPage() {

return "adminlogin"; // Maps to "src/main/resources/templates/adminlogin.html"

}

// Handles admin login form submission

@PostMapping("/admin/authenticate")

public String authenticateAdmin(@RequestParam String username, @RequestParam String password) {

// Hardcoded authentication logic for demo purposes

if (username.equals("admin") && password.equals("password")) {

return "redirect:/admin/dashboard"; // Redirect to an admin dashboard page

}

return "adminlogin"; // Reload login page on failure

}

}  
  
AdminController  
  
  
package com.example.file\_share.controller;

import com.example.file\_share.models.user; // Your user model

import com.example.file\_share.service.UserService; // Service for user-related logic

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.security.core.Authentication;

import org.springframework.stereotype.Controller;

import org.springframework.ui.Model;

import org.springframework.web.bind.annotation.GetMapping;

@Controller

public class DashboardController {

@Autowired

private UserService userService;

/\*\*

\* Show the dashboard for the logged-in user.

\*

\* @param authentication The authentication object containing user details.

\* @param model The model to pass data to the frontend.

\* @return The dashboard HTML page.

\*/

@GetMapping("/dashboard")

public String showDashboard(Authentication authentication, Model model) {

// Retrieve the currently logged-in user's username

String username = authentication.getName();

// Retrieve user details from the database

user loggedInUser = userService.findByUsername(username).orElseThrow(() -> new RuntimeException("User not found"));

// Add user-specific data to the model

model.addAttribute("username", loggedInUser.getUsername());

model.addAttribute("email", loggedInUser.getEmail());

model.addAttribute("storageUsed", "50 MB"); // Example: dynamically fetch storage details (implement logic)

return "main"; // Maps to src/main/resources/templates/main.html

}

}  
  
Dashboard Controller  
  
  
package com.example.file\_share.controller;

import com.example.file\_share.models.FileEntity;

import com.example.file\_share.service.FileService;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.http.ResponseEntity;

import org.springframework.web.bind.annotation.\*;

import java.util.List;

@RestController

@RequestMapping("/api/files")

public class FileController {

private final FileService fileService;

@Autowired

public FileController(FileService fileService) {

this.fileService = fileService;

}

// Upload a file

@PostMapping("/upload")

public ResponseEntity<FileEntity> uploadFile(

@RequestParam("fileName") String fileName,

@RequestParam("fileType") String fileType,

@RequestParam("filePath") String filePath,

@RequestParam("fileSize") Long fileSize,

@RequestParam("username") String username) {

FileEntity file = fileService.uploadFile(fileName, fileType, filePath, fileSize, username);

return ResponseEntity.ok(file);

}

// Get files uploaded by a user

@GetMapping("/user/{username}")

public ResponseEntity<List<FileEntity>> getFilesByUser(@PathVariable String username) {

List<FileEntity> files = fileService.getFilesByUser(username);

return ResponseEntity.ok(files);

}

// Get file details by ID

@GetMapping("/{fileId}")

public ResponseEntity<FileEntity> getFileById(@PathVariable Long fileId) {

FileEntity file = fileService.getFileById(fileId);

return ResponseEntity.ok(file);

}

// Delete a file by ID

@DeleteMapping("/{fileId}")

public ResponseEntity<String> deleteFile(@PathVariable Long fileId) {

fileService.deleteFile(fileId);

return ResponseEntity.ok("File deleted successfully!");

}

}  
  
File Controller  
package com.example.file\_share.controller;

import org.springframework.stereotype.Controller;

import org.springframework.web.bind.annotation.GetMapping;

@Controller

public class MainController {

@GetMapping("/")

public String IndexPage() {

return "index"; // Loads index.html from templates

}

}  
  
This is the main controller fuction in java  
  
  
  
(package com.example.file\_share.models;

import jakarta.persistence.\*;

@Entity

@Table(name = "role")

public class Role {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private Long id;

@Column(nullable = false, unique = true)

private String name; // Role name (e.g., "USER", "ADMIN")

public Role() {}

public Role(String name) {

this.name = name;

}

public Long getId() {

return id;

}

public void setId(Long id) {

this.id = id;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

}

//upto here is for role

package com.example.file\_share.models;

import jakarta.persistence.\*;

@Entity

@Table(name = "files")

public class FileEntity {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private Long id;

@Column(nullable = false)

private String fileName;

@ManyToOne

@JoinColumn(name = "uploaded\_by")

private User uploadedBy;

public FileEntity() {

}

public FileEntity(String fileName, User uploadedBy) {

this.fileName = fileName;

this.uploadedBy = uploadedBy;

}

public Long getId() {

return id;

}

public void setId(Long id) {

this.id = id;

}

public String getFileName() {

return fileName;

}

public void setFileName(String fileName) {

this.fileName = fileName;

}

public User getUploadedBy() {

return uploadedBy;

}

public void setUploadedBy(User uploadedBy) {

this.uploadedBy = uploadedBy;

}

}

)(this class was created to paste the related code to fix coexisting errors in the system)  
  
package com.example.file\_share.controller;

import com.example.file\_share.models.user;

import com.example.file\_share.service.UserService;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.http.ResponseEntity;

import org.springframework.web.bind.annotation.\*;

@RestController

@RequestMapping("/api/register")

public class RegisterController {

@Autowired

private UserService userService;

@PostMapping

public ResponseEntity<String> registerUser(@RequestBody user user) {

// Check if the username or email is already taken

if (userService.isUsernameTaken(user.getUsername())) {

return ResponseEntity.badRequest().body("Username is already taken.");

}

if (userService.isEmailTaken(user.getEmail())) {

return ResponseEntity.badRequest().body("Email is already taken.");

}

// Fix the role to 'user' before saving

user.setRole("user");

// Save the user

userService.registerUser(user);

return ResponseEntity.ok("User registered successfully!");

}

}  
  
Register Controller  
  
package com.example.file\_share.controller;

import com.example.file\_share.models.role;

import com.example.file\_share.service.RoleService;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.web.bind.annotation.\*;

@RestController

@RequestMapping("/api/roles")

public class Rolecontroller {

@Autowired

private RoleService roleService;

// Create a new role

@PostMapping("/create")

public role createRole(@RequestBody role role) {

return roleService.createRole(role);

}

// Get role details by name

@GetMapping("/{name}")

public role getRoleByName(@PathVariable String name) {

return roleService.getRoleByName(name);

}

// Other role-related APIs can be added here.

}  
Role Controller  
  
package com.example.file\_share.controller;

import com.example.file\_share.models.user; // Import the correct lowercase model

import com.example.file\_share.service.UserService; // Import the service

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.http.ResponseEntity;

import org.springframework.web.bind.annotation.\*;

@RestController

@RequestMapping("/api/users")

public class UserController {

@Autowired

private UserService userService;

// Endpoint to register a new user

@PostMapping("/register")

public ResponseEntity<user> registerUser(@RequestBody user newUser) {

try {

user savedUser = userService.registerUser(newUser); // Call the service method

return ResponseEntity.ok(savedUser); // Return the saved user as the response

} catch (IllegalArgumentException e) {

return ResponseEntity.badRequest().body(null); // Handle duplicate username

}

}

// Endpoint for user login

@PostMapping("/login")

public ResponseEntity<String> loginUser(@RequestBody LoginRequest loginRequest) {

boolean isAuthenticated = userService.authenticateUser(

loginRequest.getUsername(), loginRequest.getPassword()

);

if (isAuthenticated) {

return ResponseEntity.ok("Login successful");

} else {

return ResponseEntity.status(401).body("Invalid username or password");

}

}

// Class to Handle Login Request Data

private static class LoginRequest {

private String username;

private String password;

// Getters and Setters

public String getUsername() {

return username;

}

public void setUsername(String username) {

this.username = username;

}

public String getPassword() {

return password;

}

public void setPassword(String password) {

this.password = password;

}

}

}  
  
UserController

**NOW Coming up IS A DIFFERENT PACKAGE CALLED MODELS**

package com.example.file\_share.models;

import org.springframework.security.core.GrantedAuthority;

import org.springframework.security.core.authority.SimpleGrantedAuthority;

import org.springframework.security.core.userdetails.UserDetails;

import java.util.Collection;

import java.util.stream.Collectors;

public class CustomUserDetails implements UserDetails {

private final user user; // Reference to the `user` entity from your project

public CustomUserDetails(user user) {

this.user = user; // Wrap the `user` entity

}

/\*\*

\* Retrieves the roles of the user and maps them as GrantedAuthority.

\*/

@Override

public Collection<? extends GrantedAuthority> getAuthorities() {

return user.getRoles().stream() // Fetch roles from user

.map(role -> new SimpleGrantedAuthority("ROLE\_" + role.getName())) // Add "ROLE\_" prefix (Spring Security standard)

.collect(Collectors.toList());

}

/\*\*

\* Returns the user's password (encrypted).

\*/

@Override

public String getPassword() {

return user.getPassword(); // Fetch password from the `user` entity

}

/\*\*

\* Returns the user's username.

\*/

@Override

public String getUsername() {

return user.getUsername(); // Fetch username from the `user` entity

}

/\*\*

\* Indicates whether the user's account is expired (customize as needed).

\*/

@Override

public boolean isAccountNonExpired() {

return true; // Modify this behavior based on your application logic

}

/\*\*

\* Indicates whether the user's account is locked (customize as needed).

\*/

@Override

public boolean isAccountNonLocked() {

return true; // Modify this behavior based on your application logic

}

/\*\*

\* Indicates whether the user's credentials are expired (customize as needed).

\*/

@Override

public boolean isCredentialsNonExpired() {

return true; // Modify this behavior based on your application logic

}

/\*\*

\* Indicates whether the user is enabled (active). Customize as required.

\*/

@Override

public boolean isEnabled() {

return user.isActive(); // Map the `active` field in the user entity

}

/\*\*

\* Exposes the user entity for other potential uses.

\*/

public user getUser() {

return user; // Provide access to the original `user` entity

}

}  
  
Custum User Details  
  
package com.example.file\_share.models;

import jakarta.persistence.\*;

import java.time.LocalDateTime;

@Entity

@Table(name = "file\_entity")

public class FileEntity {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private Long id;

@Column(name = "file\_name", nullable = false)

private String fileName;

@Column(name = "file\_type", nullable = false)

private String fileType;

@Column(name = "file\_path", nullable = false)

private String filePath;

@Column(name = "file\_size", nullable = false)

private Long fileSize;

@Column(name = "upload\_date", nullable = false, columnDefinition = "TIMESTAMP DEFAULT CURRENT\_TIMESTAMP")

private LocalDateTime uploadDate;

@ManyToOne(fetch = FetchType.LAZY, optional = false)

@JoinColumn(name = "uploaded\_by", nullable = false)

private user uploadedBy;

// --- Getters and Setters ---

public Long getId() {

return id;

}

public void setId(Long id) {

this.id = id;

}

public String getFileName() {

return fileName;

}

public void setFileName(String fileName) {

this.fileName = fileName;

}

public String getFileType() {

return fileType;

}

public void setFileType(String fileType) {

this.fileType = fileType;

}

public String getFilePath() {

return filePath;

}

public void setFilePath(String filePath) {

this.filePath = filePath;

}

public Long getFileSize() {

return fileSize;

}

public void setFileSize(Long fileSize) {

this.fileSize = fileSize;

}

public LocalDateTime getUploadDate() {

return uploadDate;

}

public void setUploadDate(LocalDateTime uploadDate) {

this.uploadDate = uploadDate;

}

public user getUploadedBy() {

return uploadedBy;

}

public void setUploadedBy(user uploadedBy) {

this.uploadedBy = uploadedBy;

}

}  
  
File Entity  
  
package com.example.file\_share.models;

import jakarta.persistence.Entity;

import jakarta.persistence.Id;

import jakarta.persistence.GeneratedValue;

import jakarta.persistence.GenerationType;

import jakarta.persistence.ManyToMany;

import java.util.Set;

@Entity

public class role {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private Long id;

private String name;

@ManyToMany(mappedBy = "roles") // Bidirectional relationship with User

private Set<user> users;

// Default constructor (required by JPA)

public role() {}

// Parameterized constructor

public role(String name) {

this.name = name;

}

// Getters and Setters

public Long getId() {

return id;

}

public void setId(Long id) {

this.id = id;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public Set<user> getUsers() {

return users;

}

public void setUsers(Set<user> users) {

this.users = users;

}

}  
  
Role  
  
  
package com.example.file\_share.models;

import org.springframework.security.core.GrantedAuthority;

import org.springframework.security.core.userdetails.UserDetails;

import jakarta.persistence.\*; // JPA imports for ORM

import java.util.Collection;

import java.util.HashSet;

import java.util.List;

import java.util.Set;

import java.util.stream.Collectors;

@Entity

@Table(name = "users") // Database table name

public class user implements UserDetails { // Implements UserDetails for Spring Security

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private Long id; // Unique user ID

@Column(nullable = false)

private String fullName; // User's full name

@Column(nullable = false, unique = true)

private String username; // Unique username

@Column(nullable = false, unique = true)

private String email; // Unique email

@Column(nullable = false)

private String phoneNumber; // Phone number

@Column(nullable = false)

private String password; // Encrypted password

@Column(nullable = false)

private boolean active = true; // True if account is active

@ManyToMany(fetch = FetchType.EAGER)

@JoinTable(

name = "user\_roles", // Join table name

joinColumns = @JoinColumn(name = "user\_id"), // Foreign key for User

inverseJoinColumns = @JoinColumn(name = "role\_id") // Foreign key for Role

)

private Set<role> roles = new HashSet<>(); // User roles (e.g., USER, ADMIN)

// Relationships for file management

@OneToMany(mappedBy = "uploadedBy", cascade = CascadeType.ALL)

private List<FileEntity> uploadedFiles; // Files uploaded by this user

@ManyToMany

@JoinTable(

name = "file\_sharing", // Join table for shared files

joinColumns = @JoinColumn(name = "shared\_with\_user\_id"), // Foreign key for user

inverseJoinColumns = @JoinColumn(name = "file\_id") // Foreign key for file

)

private List<FileEntity> sharedFilesWithMe; // Files shared with this user

// Constructor

public user() {}

// Parameterized constructor

public user(String fullName, String username, String email, String phoneNumber, String password) {

this.fullName = fullName;

this.username = username;

this.email = email;

this.phoneNumber = phoneNumber;

this.password = password;

}

// Getters and Setters

public Long getId() {

return id;

}

public void setId(Long id) {

this.id = id;

}

public String getFullName() {

return fullName;

}

public void setFullName(String fullName) {

this.fullName = fullName;

}

public String getUsername() {

return username; // Implementing UserDetails method

}

public void setUsername(String username) {

this.username = username;

}

public String getEmail() {

return email;

}

public void setEmail(String email) {

this.email = email;

}

public String getPhoneNumber() {

return phoneNumber;

}

public void setPhoneNumber(String phoneNumber) {

this.phoneNumber = phoneNumber;

}

public String getPassword() {

return password; // Implementing UserDetails method

}

public void setPassword(String password) {

this.password = password;

}

public boolean isActive() {

return active;

}

public void setActive(boolean active) {

this.active = active;

}

public Set<role> getRoles() {

return roles;

}

public void setRoles(Set<role> roles) {

this.roles = roles;

}

public List<FileEntity> getUploadedFiles() {

return uploadedFiles;

}

public void setUploadedFiles(List<FileEntity> uploadedFiles) {

this.uploadedFiles = uploadedFiles;

}

public List<FileEntity> getSharedFilesWithMe() {

return sharedFilesWithMe;

}

public void setSharedFilesWithMe(List<FileEntity> sharedFilesWithMe) {

this.sharedFilesWithMe = sharedFilesWithMe;

}

// UserDetails interface methods for Spring Security

@Override

public Collection<? extends GrantedAuthority> getAuthorities() {

return roles.stream()

.map(role -> (GrantedAuthority) () -> "ROLE\_" + role.getName()) // Prefix roles with "ROLE\_"

.collect(Collectors.toSet());

}

@Override

public boolean isAccountNonExpired() { // Account expiration logic

return true; // Always non-expired in this simple implementation

}

@Override

public boolean isAccountNonLocked() { // Account lock logic

return true; // Always non-locked in this implementation

}

@Override

public boolean isCredentialsNonExpired() { // Credential expiration logic

return true; // Always non-expired in this implementation

}

@Override

public boolean isEnabled() { // User active status

return active; // Return the 'active' field's value

}

}  
  
User  
 **Next Package is Repositories:**package com.example.file\_share.repositories;

import com.example.file\_share.models.FileEntity;

import com.example.file\_share.models.user;

import org.springframework.data.jpa.repository.JpaRepository;

import org.springframework.stereotype.Repository;

import java.util.List;

@Repository

public interface FileRepository extends JpaRepository<FileEntity, Long> {

// Find all files uploaded by a specific user

List<FileEntity> findByUploadedBy(user uploadedBy);

// Find a file by its file name (optional use case)

List<FileEntity> findByFileName(String fileName);

}  
  
(FileRepository)  
  
  
  
package com.example.file\_share.repositories;

import com.example.file\_share.models.role;

import org.springframework.data.jpa.repository.JpaRepository;

import java.util.Optional;

public interface RoleRepository extends JpaRepository<role, Long> {

// Find a Role by its name

Optional<role> findByName(String name);

}  
  
(Role Repository)  
  
/\*package com.example.file\_share.repositories;

import com.example.file\_share.models.User;

import org.springframework.data.jpa.repository.JpaRepository;

package com.example.file\_share.service;

import com.example.file\_share.models.User;

import com.example.file\_share.repositories.UserRepository;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.security.crypto.bcrypt.BCryptPasswordEncoder;

import org.springframework.security.crypto.password.PasswordEncoder;

import org.springframework.stereotype.Service;

public interface UserRepository extends JpaRepository<User, Long> {

User findByUsername(String username); // Custom query method to find a user by username

}

\*/

package com.example.file\_share.repositories;

import com.example.file\_share.models.user; // Import the lowercase `user`

import org.springframework.data.jpa.repository.JpaRepository;

import java.util.Optional;

// Repository interface for user entity

public interface UserRepository extends JpaRepository<user, Long> {

Optional<user> findByUsername(String username);

Optional<user> findByEmail(String email);// Find a user by their username

}

User Repository  
  
  
Next Package is a new package called service  
  
  
package com.example.file\_share.service;

import com.example.file\_share.models.FileEntity;

import com.example.file\_share.models.user;

import com.example.file\_share.repositories.FileRepository;

import com.example.file\_share.repositories.UserRepository;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Service;

import java.time.LocalDateTime;

import java.util.List;

@Service

public class FileService {

private final FileRepository fileRepository;

private final UserRepository userRepository;

@Autowired

public FileService(FileRepository fileRepository, UserRepository userRepository) {

this.fileRepository = fileRepository;

this.userRepository = userRepository;

}

// Upload a file

public FileEntity uploadFile(String fileName, String fileType, String filePath, Long fileSize, String username) {

// Find the user who is uploading the file

user uploadedBy = userRepository.findByUsername(username)

.orElseThrow(() -> new IllegalArgumentException("User not found"));

// Create a new FileEntity

FileEntity fileEntity = new FileEntity();

fileEntity.setFileName(fileName);

fileEntity.setFileType(fileType);

fileEntity.setFilePath(filePath);

fileEntity.setFileSize(fileSize);

fileEntity.setUploadedBy(uploadedBy);

fileEntity.setUploadDate(LocalDateTime.now());

// Save the file entity to the database

return fileRepository.save(fileEntity);

}

// Get all files uploaded by a specific user

public List<FileEntity> getFilesByUser(String username) {

// Find the user

user uploadedBy = userRepository.findByUsername(username)

.orElseThrow(() -> new IllegalArgumentException("User not found"));

// Fetch the files uploaded by this user

return fileRepository.findByUploadedBy(uploadedBy);

}

// Get details of a specific file by ID

public FileEntity getFileById(Long fileId) {

return fileRepository.findById(fileId)

.orElseThrow(() -> new IllegalArgumentException("File not found"));

}

// Delete a file by its ID

public void deleteFile(Long fileId) {

FileEntity file = fileRepository.findById(fileId)

.orElseThrow(() -> new IllegalStateException("File not found"));

fileRepository.delete(file);

}

}  
  
File Service  
  
package com.example.file\_share.service;

import org.springframework.beans.factory.annotation.Value;

import org.springframework.core.io.Resource;

import org.springframework.core.io.UrlResource;

import org.springframework.stereotype.Service;

import org.springframework.web.multipart.MultipartFile;

import java.io.IOException;

import java.nio.file.Files;

import java.nio.file.Path;

import java.nio.file.Paths;

@Service

public class FileStorageService {

// Directory where files will be uploaded and stored

@Value("${upload.dir}")

private String uploadDir;

// Create the directory if it doesn't exist

public FileStorageService() {

try {

Path uploadPath = Paths.get(uploadDir);

if (!Files.exists(uploadPath)) {

Files.createDirectories(uploadPath);

}

} catch (IOException e) {

throw new RuntimeException("Could not initialize folder for upload.", e);

}

}

// Method to store the file

public void storeFile(MultipartFile file) throws IOException {

if (file.isEmpty()) {

throw new RuntimeException("Failed to store empty file.");

}

// Resolve the file path and store it

Path targetLocation = Paths.get(uploadDir).resolve(file.getOriginalFilename());

Files.copy(file.getInputStream(), targetLocation);

}

// Method to load a file

public Resource loadFile(String filename) throws IOException {

Path filePath = Paths.get(uploadDir).resolve(filename).normalize();

Resource resource = new UrlResource(filePath.toUri());

if (resource.exists() || resource.isReadable()) {

return resource;

} else {

throw new RuntimeException("Could not read the file: " + filename);

}

}

}  
  
File Storage service  
  
  
  
  
package com.example.file\_share.service;

import com.example.file\_share.models.role;

import com.example.file\_share.repositories.RoleRepository;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Service;

import java.util.Optional;

@Service

public class RoleService {

private final RoleRepository roleRepository;

@Autowired

public RoleService(RoleRepository roleRepository) {

this.roleRepository = roleRepository;

}

// Create a new Role

public role createRole(role role) {

// Check if role already exists by name

if (roleRepository.findByName(role.getName()).isPresent()) {

throw new IllegalArgumentException("Role with the given name already exists.");

}

// Save and return the role

return roleRepository.save(role);

}

// Get role details by name

public role getRoleByName(String name) {

return roleRepository.findByName(name)

.orElseThrow(() -> new IllegalArgumentException("Role not found with name: " + name));

}

}

Role Service  
  
package com.example.file\_share.service;

import com.example.file\_share.models.user;

import com.example.file\_share.repositories.UserRepository; // Repository for user persistence

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.security.crypto.password.PasswordEncoder;

import org.springframework.stereotype.Service;

import java.util.List;

import java.util.Optional;

@Service

public class UserService {

private final UserRepository userRepository;

private final PasswordEncoder passwordEncoder;

// Constructor-based dependency injection

@Autowired

public UserService(UserRepository userRepository, PasswordEncoder passwordEncoder) {

this.userRepository = userRepository;

this.passwordEncoder = passwordEncoder;

}

public boolean isUsernameTaken(String username) {

Optional<user> existingUser = userRepository.findByUsername(username);

return existingUser.isPresent();

}

public boolean isEmailTaken(String email) {

Optional<User> existingUser = userRepository.findByEmail(email);

return existingUser.isPresent();

}

public User registerUser(User user) {

// Save the user after validations

return userRepository.save(user);

}

}

/\*\*

\* Save a new user with encrypted password.

\*

\* @param user The user to save.

\* @return The saved user.

\*/

public user saveUser(user user) {

user.setPassword(passwordEncoder.encode(user.getPassword())); // Encrypt password before saving

return userRepository.save(user); // Save the user in the repository

}

/\*\*

\* Register a new user after performing validation.

\*

\* @param user The user to register.

\* @return The registered user.

\* @throws IllegalArgumentException when username or email is already taken.

\*/

public user registerUser(user user) {

// Check if the username is already taken

if (userRepository.findByUsername(user.getUsername()).isPresent()) {

throw new IllegalArgumentException("The username '" + user.getUsername() + "' is already taken.");

}

// Check if the email is already taken (if email needs to be unique)

if (userRepository.findByEmail(user.getEmail()).isPresent()) {

throw new IllegalArgumentException("The email '" + user.getEmail() + "' is already taken.");

}

// Encrypt the password and save the user

user.setPassword(passwordEncoder.encode(user.getPassword()));

return userRepository.save(user);

}

/\*\*

\* Authenticate a user by their username and password.

\*

\* @param username The username to authenticate.

\* @param password The plain-text password to verify.

\* @return true if user exists and password matches; false otherwise.

\*/

public boolean authenticateUser(String username, String password) {

// Retrieve the user by username

Optional<user> optionalUser = userRepository.findByUsername(username);

// Check if user exists and verify their password

return optionalUser.isPresent() && passwordEncoder.matches(password, optionalUser.get().getPassword());

}

/\*\*

\* Retrieve a user by ID.

\*

\* @param id The user ID.

\* @return An Optional containing the user, if found.

\*/

public Optional<user> getUserById(Long id) {

return userRepository.findById(id);

}

/\*\*

\* Retrieve all users.

\*

\* @return A list of all users.

\*/

public List<user> getAllUsers() {

return userRepository.findAll();

}

/\*\*

\* Update an existing user.

\*

\* @param user The updated user object.

\* @return The updated user.

\*/

public user updateUser(user user) {

return userRepository.save(user);

}

/\*\*

\* Delete a user by ID.

\*

\* @param id The ID of the user to delete.

\*/

public void deleteUser(Long id) {

if (!userRepository.existsById(id)) {

throw new IllegalArgumentException("User with ID '" + id + "' does not exist.");

}

userRepository.deleteById(id);

}

/\*\*

\* Find a user by username.

\*

\* @param username The username to search for.

\* @return An Optional containing the user, if found.

\*/

public Optional<user> findByUsername(String username) {

return userRepository.findByUsername(username);

}

/\*\*

\* Check if a username or email is taken.

\*

\* @param user The user object to validate.

\* @throws IllegalArgumentException if username or email is already taken.

\*/

public void validateUserUniqueness(user user) {

// Check username

if (userRepository.findByUsername(user.getUsername()).isPresent()) {

throw new IllegalArgumentException("The username '" + user.getUsername() + "' is already taken.");

}

// Check email

if (userRepository.findByEmail(user.getEmail()).isPresent()) {

throw new IllegalArgumentException("The email '" + user.getEmail() + "' is already taken.");

}

}

}  
  
(User Service )  
  
  
File Share Application  
  
  
  
  
<?xml version="1.0" encoding="UTF-8"?>

<project xmlns="http://maven.apache.org/POM/4.0.0"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<parent>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-parent</artifactId>

<version>3.1.4</version>

<relativePath/> <!-- lookup parent from repository -->

</parent>

<groupId>com.example</groupId>

<artifactId>File\_Share</artifactId>

<version>0.0.1-SNAPSHOT</version>

<name>File\_Share</name>

<description>File Share Application</description>

<properties>

<java.version>17</java.version>

</properties>

<dependencies>

<!-- Thymeleaf for server-side templating -->

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-thymeleaf</artifactId>

</dependency>

<!-- Spring Boot Starter Web (REST APIs and MVC features) -->

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-web</artifactId>

</dependency>

<!-- Spring Boot Starter JPA for database access -->

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-data-jpa</artifactId>

</dependency>

<!-- Spring Boot Starter Security for authentication/authorization -->

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-security</artifactId>

</dependency>

<!-- MySQL Database Connector -->

<dependency>

<groupId>com.mysql</groupId>

<artifactId>mysql-connector-j</artifactId>

<scope>runtime</scope>

</dependency>

<!-- Spring Boot DevTools for development convenience -->

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-devtools</artifactId>

<scope>runtime</scope>

<optional>true</optional>

</dependency>

<!-- Spring Boot Starter Test for testing -->

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-test</artifactId>

<scope>test</scope>

</dependency>

<!-- Spring Security Test (for verifying security-related components) -->

<dependency>

<groupId>org.springframework.security</groupId>

<artifactId>spring-security-test</artifactId>

<scope>test</scope>

</dependency>

<!-- Jakarta Persistence API -->

<dependency>

<groupId>jakarta.persistence</groupId>

<artifactId>jakarta.persistence-api</artifactId>

<version>3.1.0</version>

</dependency>

</dependencies>

<build>

<plugins>

<plugin>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-maven-plugin</artifactId>

</plugin>

</plugins>

</build>

</project>  
  
ALL THE DEPENDENCIES AND THE POMXML FILE IN MY PROJECT

spring.datasource.url=jdbc:mysql://localhost:3306/file\_sharing

spring.datasource.username=root

spring.datasource.password=12345

spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver

spring.jpa.database-platform=org.hibernate.dialect.MySQL8Dialect

spring.jpa.hibernate.ddl-auto=update

spring.jpa.show-sql=true

upload.dir=uploads  
  
THIS IS APPLICATION PROPERTIES

CREATE DATABASE file\_sharing;

USE file\_sharing;

CREATE TABLE role (

id BIGINT AUTO\_INCREMENT PRIMARY KEY,

role\_name VARCHAR(50) UNIQUE NOT NULL

);

CREATE TABLE users (

id BIGINT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(50) UNIQUE NOT NULL,

email VARCHAR(100) UNIQUE NOT NULL,

password VARCHAR(255) NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

updated\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

role\_id BIGINT NOT NULL,

FOREIGN KEY (role\_id) REFERENCES role(id) ON DELETE CASCADE

);

CREATE TABLE user\_roles (

user\_id BIGINT NOT NULL,

role\_id BIGINT NOT NULL,

PRIMARY KEY (user\_id, role\_id),

FOREIGN KEY (user\_id) REFERENCES users(id) ON DELETE CASCADE,

FOREIGN KEY (role\_id) REFERENCES role(id) ON DELETE CASCADE

);

CREATE TABLE file\_entity (

id BIGINT AUTO\_INCREMENT PRIMARY KEY,

file\_name VARCHAR(255) NOT NULL,

file\_type VARCHAR(100) NOT NULL,

file\_path VARCHAR(500) NOT NULL,

file\_size BIGINT NOT NULL,

upload\_date TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

uploaded\_by BIGINT NOT NULL,

FOREIGN KEY (uploaded\_by) REFERENCES users(id) ON DELETE CASCADE

);

CREATE TABLE file\_sharing (

id BIGINT AUTO\_INCREMENT PRIMARY KEY,

file\_id BIGINT NOT NULL,

shared\_with\_user\_id BIGINT NOT NULL,

FOREIGN KEY (file\_id) REFERENCES file\_entity(id) ON DELETE CASCADE,

FOREIGN KEY (shared\_with\_user\_id) REFERENCES users(id) ON DELETE CASCADE

);

CREATE TABLE user\_activity (

id BIGINT AUTO\_INCREMENT PRIMARY KEY,

user\_id BIGINT NOT NULL,

action VARCHAR(50) NOT NULL,

details TEXT,

timestamp TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES users(id) ON DELETE CASCADE

);  
  
this IS THE DATABAASE UNTILL Now