<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

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

  <title>Registration Page</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      background: #f4f4f9;

      display: flex; justify-content: center; align-items: center;

      height: 100vh; margin: 0;

    }

    .container {

      background: #fff; padding: 25px; border-radius: 12px;

      box-shadow: 0 4px 10px rgba(0,0,0,0.1); width: 380px;

    }

    h2 { text-align: center; margin-bottom: 20px; color: #333; }

    label {

      font-weight: bold; display: block; margin-top: 12px; margin-bottom: 6px; color: #444;

    }

    input, select {

      width: 100%; padding: 10px; border: 1px solid #ccc; border-radius: 6px; margin-bottom: 10px;

    }

    button {

      width: 100%; padding: 12px; background: #4CAF50; border: none;

      border-radius: 6px; color: white; font-size: 16px; cursor: pointer; margin-top: 10px;

    }

    button:hover { background: #45a049; }

    .error { color: red; font-size: 13px; min-height: 18px; }

    .invalid { border-color: red !important; }

    small.hint { color:#666; display:block; margin-top:-6px; margin-bottom:8px; }

  </style>

</head>

<body>

  <div class="container">

    <h2>Registration</h2>

    <form id="registrationForm" autocomplete="off" novalidate>

      <label for="role">Select Role:</label>

      <select id="role" name="role" required>

        <option value="">-- Select --</option>

        <option value="student">Student</option>

        <option value="clubhead">Club Head</option>

        <option value="faculty">Faculty</option>

      </select>

      <!-- Student -->

      <div id="studentFields" style="display:none;">

        <label for="studentUsername">Student Roll No:</label>

        <input

          type="text" id="studentUsername" name="studentUsername"

          placeholder="22BD1A05A4"

          minlength="10" maxlength="10"

          title="Exactly 10 chars. Format: (22|23|24|25)BD1A05[A-G][0-9]"

          />

        <small class="hint">Format: 22/23/24/25 + BD1A05 + A–G + digit (e.g., 23BD1A05C7)</small>

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

        <input

          type="password" id="studentPassword" name="studentPassword"

          minlength="10" maxlength="10"

          title="Must match the Roll Number exactly."

        />

        <small class="hint">Must be exactly same as Roll No (10 chars)</small>

      </div>

      <!-- Club Head -->

      <div id="clubHeadFields" style="display:none;">

        <label for="clubUsername">Club Username:</label>

        <input

          type="text" id="clubUsername" name="clubUsername"

          placeholder="CLUB-MUDRA"

          maxlength="15"

          title="CLUB- followed by 1–10 uppercase letters (A–Z). Example: CLUB-KREEDA"

        />

        <small class="hint">Username format: <b>CLUB-</b> + 1–10 letters (A–Z)</small>

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

        <input

          type="password" id="clubPassword" name="clubPassword"

          minlength="8" maxlength="32"

          title="Min 8 chars with at least 1 uppercase, 1 lowercase, 1 number, 1 special (@#$%&\*!)."

        />

        <small class="hint">Min 8 chars; include upper, lower, number, special</small>

      </div>

      <!-- Faculty -->

      <div id="facultyFields" style="display:none;">

        <label for="facultyName">Faculty Name:</label>

        <input

          type="text" id="facultyName" name="facultyName" placeholder="SureshReddy"

          minlength="1" maxlength="20"

          title="Alphabets only, up to 20 letters. No spaces."

        />

        <small class="hint">Alphabets only (A–Z), no spaces, max 20</small>

        <label for="facultyEmail">Faculty Email:</label>

        <input

          type="text" id="facultyEmail" name="facultyEmail" placeholder="abcdefghij12@gmail.com"

          maxlength="23"

          title="10 letters, optional up to 3 digits, ending with @gmail.com"

        />

        <small class="hint">10 letters + 0–3 digits + @gmail.com</small>

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

        <input

          type="password" id="facultyPassword" name="facultyPassword"

          minlength="10" maxlength="32"

          title="Start with a capital letter, contain ≥8 letters total, ≥1 special (@#$%^&\*), and ≥1 number (min length 10)."

        />

        <small class="hint">Start with Capital, include ≥8 letters, 1 special, 1 number (min length 10)</small>

      </div>

      <div id="errorMsg" class="error" aria-live="polite"></div>

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

    </form>

  </div>

<script>

  const roleSelect = document.getElementById("role");

  const studentFields = document.getElementById("studentFields");

  const clubHeadFields = document.getElementById("clubHeadFields");

  const facultyFields = document.getElementById("facultyFields");

  const errorMsg = document.getElementById("errorMsg");

  // Inputs

  const studentUsername = document.getElementById("studentUsername");

  const studentPassword = document.getElementById("studentPassword");

  const clubUsername = document.getElementById("clubUsername");

  const clubPassword = document.getElementById("clubPassword");

  const facultyName = document.getElementById("facultyName");

  const facultyEmail = document.getElementById("facultyEmail");

  const facultyPassword = document.getElementById("facultyPassword");

  // Regex rules

  const studentRegex = /^(22|23|24|25)BD1A05[A-G][0-9]$/;

  const clubUserRegex = /^CLUB-[A-Z]{1,10}$/;

  const clubPassRegex = /^(?=.\*[a-z])(?=.\*[A-Z])(?=.\*\d)(?=.\*[!@#$%^&\*])[A-Za-z\d!@#$%^&\*]{8,}$/;

  const facultyNameRegex = /^[A-Za-z]{1,20}$/;

  const facultyEmailRegex = /^[A-Za-z]{10}[0-9]{0,3}@gmail\.com$/;

  const facultyPassRegex = /^(?=^[A-Z])(?=(?:.\*[A-Za-z]){8,})(?=.\*\d)(?=.\*[!@#$%^&\*])[A-Za-z\d!@#$%^&\*]{10,}$/;

  // Show/Hide sections

  roleSelect.addEventListener("change", () => {

    [studentFields, clubHeadFields, facultyFields].forEach(el => el.style.display = "none");

    errorMsg.textContent = "";

    if (roleSelect.value === "student") studentFields.style.display = "block";

    else if (roleSelect.value === "clubhead") clubHeadFields.style.display = "block";

    else if (roleSelect.value === "faculty") facultyFields.style.display = "block";

  });

  // Submit handler

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

    e.preventDefault();

    errorMsg.textContent = "";

    const role = roleSelect.value;

    // ---- Validation ----

    if (role === "student") {

      if (!studentRegex.test(studentUsername.value)) return errorMsg.textContent = "❌ Invalid Roll No.";

      if (studentUsername.value !== studentPassword.value) return errorMsg.textContent = "❌ Password must match Roll No.";

    }

    if (role === "clubhead") {

      if (!clubUserRegex.test(clubUsername.value)) return errorMsg.textContent = "❌ Invalid Club Username.";

      if (!clubPassRegex.test(clubPassword.value)) return errorMsg.textContent = "❌ Weak Club Password.";

    }

    if (role === "faculty") {

      if (!facultyNameRegex.test(facultyName.value)) return errorMsg.textContent = "❌ Invalid Faculty Name.";

      if (!facultyEmailRegex.test(facultyEmail.value)) return errorMsg.textContent = "❌ Invalid Faculty Email.";

      if (!facultyPassRegex.test(facultyPassword.value)) return errorMsg.textContent = "❌ Weak Faculty Password.";

    }

    // ---- Send to backend ----

    fetch("http://localhost:5000/register", {

      method: "POST",

      headers: { "Content-Type": "application/json" },

      body: JSON.stringify({

        role,

        studentUsername: studentUsername.value,

        studentPassword: studentPassword.value,

        clubUsername: clubUsername.value,

        clubPassword: clubPassword.value,

        facultyName: facultyName.value,

        facultyEmail: facultyEmail.value,

        facultyPassword: facultyPassword.value,

      })

    })

    .then(res => res.json())

    .then(data => {

      if (data.error) {

        errorMsg.textContent = "❌ " + data.error;

      } else {

        alert("✅ Registration Successful!");

        document.getElementById("registrationForm").reset();

        [studentFields, clubHeadFields, facultyFields].forEach(el => el.style.display = "none");

        roleSelect.value = "";

      }

    })

    .catch(err => {

      console.error(err);

      errorMsg.textContent = "❌ Server Error!";

    });

  });

</script>

</body>

</html>