

◆ PHP Task 1 Login System

1. User Registration

- Create a registration form with the following fields:
 - Full Name
 - Email (unique)
 - Password (encrypted using `password_hash`)
 - Mobile Number
 - Date of Birth
 - Gender
 - Address
 - Profile Photo (image upload with validation: jpg/png, max size 2MB)
 - + you need
 - Save all data into the database (`users` table).
 - Store uploaded photo in a `uploads/` directory.
 - Implement **server-side validations** (empty fields, email format, password strength, file type & size).
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2. User Login & Session Handling

- Create a login page with email + password.
 - Authenticate against the database using **prepared statements**.
 - On successful login:
 - Start a PHP **session**.
 - Store `user_id` and `user_name` in session variables.
 - Redirect to **Dashboard** page.
 - On failed login:
 - Show error message.
 - Implement a **"Remember Me"** checkbox using **cookies**.
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3. User Dashboard (after login)

- Display a welcome message with logged-in user's name and photo.
 - Show **all registered users** in a table with the following features:
 - **Search/Filter** by name, email, gender, or date range.
 - **Pagination** for user list.
 - **CRUD operations**:
 - **Create**: Add new user.
 - **Read**: View full user details.
 - **Update**: Edit user profile (including changing profile photo).
 - **Delete**: Remove a user from database (soft delete preferred).
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4. Profile Management

- Logged-in user can view and update their own profile.
 - Allow updating:
 - Full Name
 - Mobile Number
 - Address
 - Profile Photo (new file should replace old one, old file deleted).
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5. Session & Cookies Handling

- If user is **inactive for 15 minutes**, auto-logout using session timeout.
 - Use **cookies** to remember login credentials if user checked "Remember Me".
 - Implement a **logout** option that destroys the session and clears cookies.
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6. Database Handling with Error Management

- Use **MySQLi Procedural with try-catch blocks** for error handling.

Create `users` table structure with proper data types. Example:

```
CREATE TABLE users (  
    id INT AUTO_INCREMENT PRIMARY KEY,  
    name VARCHAR(100),  
    email VARCHAR(100) UNIQUE,  
    password VARCHAR(255),  
    mobile VARCHAR(15),  
    dob DATE,  
    gender ENUM('Male', 'Female', 'Other'),  
    address TEXT,  
    photo VARCHAR(255),  
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP  
);
```

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7. File Handling

- Store profile photos in `/uploads/` folder.
- Ensure file permissions are correct.