

## Domain: Web Development

Project 4: User Management System (UMS) Webpage

Project Title: User Management System (UMS)

### Project Objective:

To design and implement a secure web application that allows administrators to manage users (add, edit, delete, view), while users can register, log in, and manage their profiles. The system ensures role-based access control, data security, and efficient user handling.

### Technologies to Use:

#### 1. Frontend:

- HTML, CSS, JavaScript
- (Optional: React, Vue.js, or Angular)

#### 2. Backend:

- PHP with MySQL
- OR Node.js with Express & MongoDB

#### 3. Database:

- MySQL / MongoDB

### Tasks Breakdown:

1. Setup project structure (folders for frontend, backend, and database config).
2. Design registration & login pages with proper form validation.
3. Implement authentication system (password hashing, sessions/JWT).
4. Create user roles (Admin, Normal User).
5. Develop user profile page (update details, change password).
6. Build admin dashboard (view, add, edit, delete users).
7. Implement search & filter functionality for users.
8. Add password reset system (via email link or OTP).
9. Apply responsive UI design using CSS/Bootstrap/Tailwind.
10. Test & deploy on a server (Heroku, Render, or XAMPP for local).

### Submission:

- Submit the complete project folder containing all code files asset files.
- Project must be fully functional in a browser.

Submit the project folder in ZIP file.

The ZIP will include all files that used to create the project and Project Report PDF file

### Note:

Make sure your project is in running condition.