

Project Report file

Week-4

Project Title: User Management System (UMS)

Internship: Web Development Internship - Rixi Lab

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Description:

A web-based application for managing users with role-based access. Users can register, login, and view their profile. Admins have a dashboard to view all users.

Technologies:

- Frontend: HTML, CSS, JavaScript
- Backend: Node.js, Express.js
- Database: MongoDB
- Authentication: JWT, bcrypt

Deployment: Render

Key Features:

- **Registration & Login:** Secure authentication using JWT and hashed passwords.
- **Role-Based Access:** Admins → Admin Dashboard; Users → Profile page.
- **Profile Management:** View name, email, and role.
- **Admin Dashboard:** View all users in a table (name, email, role).
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Workflow:

1. User registers → redirected to login.
2. User logs in → redirected based on role.
3. Admin sees user list; regular users see profile.

Conclusion:

A simple web application demonstrating secure authentication and role-based access control.

Live link if any:

<https://ums-2te7.onrender.com>

<https://ums-1-2c11.onrender.com>