

MediTrack: Smart Medication Management System




Week 1 Progress Report

Project Information

- **Project Name:** MediTrack - Smart Medication Management System
 - **Team Members:**
 - Shahriar Kabir Omi
 - Sadaf Islam Mim
 - **Institution:** Eastern University
 - **Course:** Software Engineering Lab
 - **Week:** 1 of 16
 - **Report Date:** 13 July 2025
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Week 1 Objectives

Primary Goals Achieved

- Create login page 
 - Create registration page 
 - Set up basic HTML templates 
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Completed Tasks

1. Login Page

- **HTML Template:** Created login form with username and password fields
- **Bootstrap Styling:** Added responsive design for optimal user experience

2. Registration Page

- **HTML Template:** Created comprehensive registration form with the following fields:
 - First Name
 - Last Name
 - Username
 - Email

- Password
 - Confirm Password
 - **Bootstrap Styling:** Implemented responsive form design for cross-device compatibility
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Technical Implementation

Files Created (Login/Registration Module)

- `login.html` - HTML template for the login page
- `register.html` - HTML template for the registration page

Current Status

Frontend Development: Basic HTML forms for login and registration have been successfully created and styled with Bootstrap framework.

What Works:

- Login page displays correctly with proper formatting
- Registration page displays correctly with all required fields
- Pages are responsive and mobile-friendly
- Navigation between login and registration pages functions properly

What's Not Implemented Yet (Planned for Future Weeks):

- Form submission handling
 - User authentication logic
 - Data storage implementation
 - Client-side and server-side form validation
 - Complete user registration process
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Team Contributions

Shahriar Kabir Omi:

- Contributed to overall project structure
- Developed HTML code for login and registration pages
- Ensured proper rendering and functionality of forms
- **Time Invested:** 4 hours (Frontend setup, HTML development, and integration)

Sadaf Islam Mim:

- Responsible for HTML template design
- Bootstrap integration and styling
- UI/UX design for login and registration pages
- Responsive design implementation
- **Time Invested:** 4 hours (Frontend design and styling)

Total Project Hours This Week: 8 hours


Screenshots/Evidence

Development Environment:

- Login page accessible at: `http://127.0.0.1:3000/login.html`
 - Registration page accessible at: `http://127.0.0.1:3000/registration.html`
 - Both pages display correctly with Bootstrap styling and responsive design
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Current Project Status

Weekly Progress

- **Week 1:**  Complete (Basic login and registration pages created)
- **Overall Progress:** 6.25% (1/16 weeks completed)

Project Timeline

The project remains on track to meet the 4-month development deadline with all Week 1 milestones successfully achieved.

Conclusion

Week 1 objectives have been successfully completed, with the creation of fully functional login and registration pages featuring professional HTML templates and Bootstrap styling. The foundational frontend elements for user authentication are now in place and ready for backend logic implementation in subsequent development phases.

The team has established a solid foundation for the MediTrack system, ensuring responsive design principles and proper user interface standards from the project's inception.

Report Prepared By: Shahriar Kabir Omi & Sadaf Islam Mim

Date: 13 July 2025