# 9530

## St.MOTHER THERESA ENGINEERING COLLEGE

## COMPUTER SCIENCE ENGINEERING

**NM-ID**: d9fa8d6aa23a3f8bf034a6a053f9c294

**REG NO**: 953023104053

**DATE**:07-10-2025

**Completed the project named as**

**Phase 5**

## LOGIN AUTHENTICATION SYSTEM

SUBMITTED BY,

C.MANASA

9514122707

**Phase 5 — Project Demonstration & Documentation**

**1. Final Demo Walkthrough**

- Prepare a step-by-step demo of the application.

- Showcase the **core features** (login, dashboard, data flow, CRUD operations, etc.).

- Highlight user journey and how the system solves the target problem.

- Record a short video demo (screen recording or live presentation).

- Prepare a backup demo environment to avoid technical glitches during presentation.

**2. Project Report**

- **Introduction**: Brief overview of project goals, objectives, and scope.

- **Architecture**: Explain the system design (frontend, backend, database, APIs).

- **Implementation**: Summarize core features and technologies used.

- **Testing**: Document testing approach, test cases, and bug fixes.

- **Results**: Showcase achieved outcomes vs. planned outcomes.

- **Conclusion**: Project impact, limitations, and scope for future improvements.

### 3. Screenshots / API Documentation

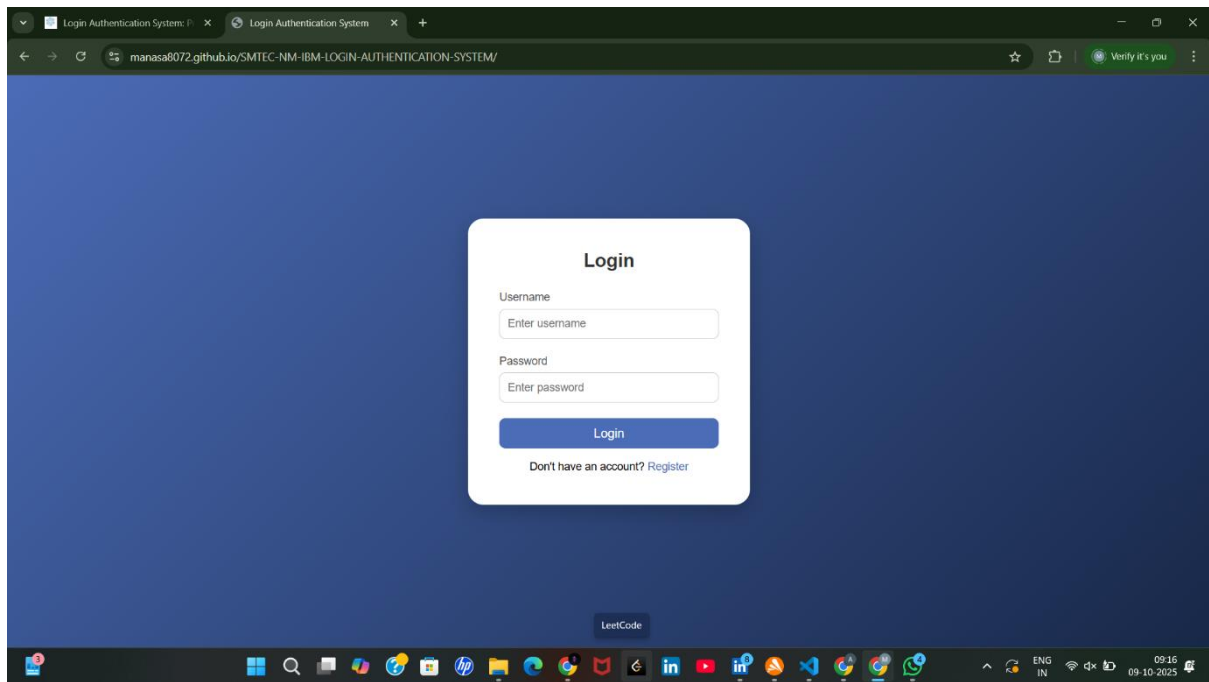**Screenshots of Application Interface:**

This section provides a detailed visual representation of the **Login Authentication System** at various stages of its workflow.

High-quality annotated screenshots will be included to demonstrate the user experience and system flow clearly.

**Screenshots to be included:**

1. **Login Page Interface** – Displays the user login form containing username and password fields, along with a responsive design layout.

2. **Successful Login Dashboard** – Shows the user dashboard after successful authentication, confirming secure access.

3. **Invalid Login Attempt** – Demonstrates the error message displayed when incorrect credentials are entered.

4. **Logout Confirmation Screen** – Depicts the logout process and return to the login interface.

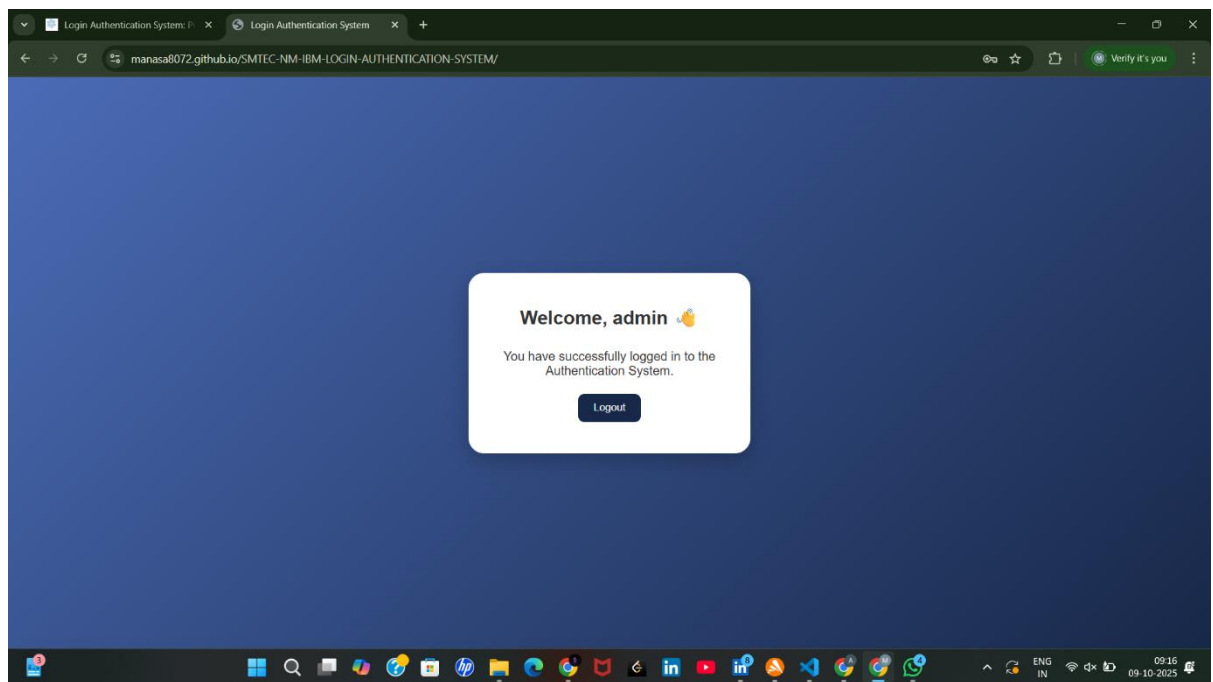5. **Responsive Design View** – Highlights mobile and tablet-friendly layouts.

Each screenshot will be **annotated** to identify interface elements such as input fields, buttons, and system feedback messages, ensuring a clear understanding of the application's functionality.

## Login info :

**User Name**: admin
**Password**   : 1234

### 4. Challenges & Solutions

- Document **key challenges** faced during development:

    - Example: Handling async API calls, database schema design, state management, deployment issues.

- Write the **solutions/approaches** you implemented.

- Mention **lessons learned** and how the team overcame them.

### 5. GitHub README & Setup Guide

- Add a **detailed README.md** including:

description & features

- Tech stack used

- Installation steps (clone repo, install dependencies, run project)

- Usage instructions (login details for demo, example API calls)

- Contribution guidelines (if open-source)

Include screenshots/gifs in the README for quick reference.

### 6. Final Submission (Repo + Deployed Link)

- The GitHub repository link containing the full source code, documentation, and project history.

- REPOSITORY LINK:https://github.com/manasa8072/SMTEC-NM-IBM-LOGIN-AUTHENTICATION-SYSTEM.git

- The **deployed application link** (using platforms like Vercel, Netlify, or Git Hub Hosting), so evaluators can interact with the live version of the Chat Application UI.

-

- LINK:https://manasa8072.github.io/SMTEC-NM-IBM-LOGIN-AUTHENTICATION-SYSTEM/

- All supporting documents including the project report and screenshots will also be shared as part of the submission package.