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St.MOTHER THERESA ENGINEERING COLLEGE

COMPUTER SCIENCE ENGINEERING

NM-ID: NM4e8e73aba9e7f7096f54784bd368a269

REG NO: 953023104053

DATE:07-10-2025

Completed the project named as

Phase 5

LOGIN AUTHENTICATION SYSTEM

SUBMITTED BY,

C.MANASA

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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

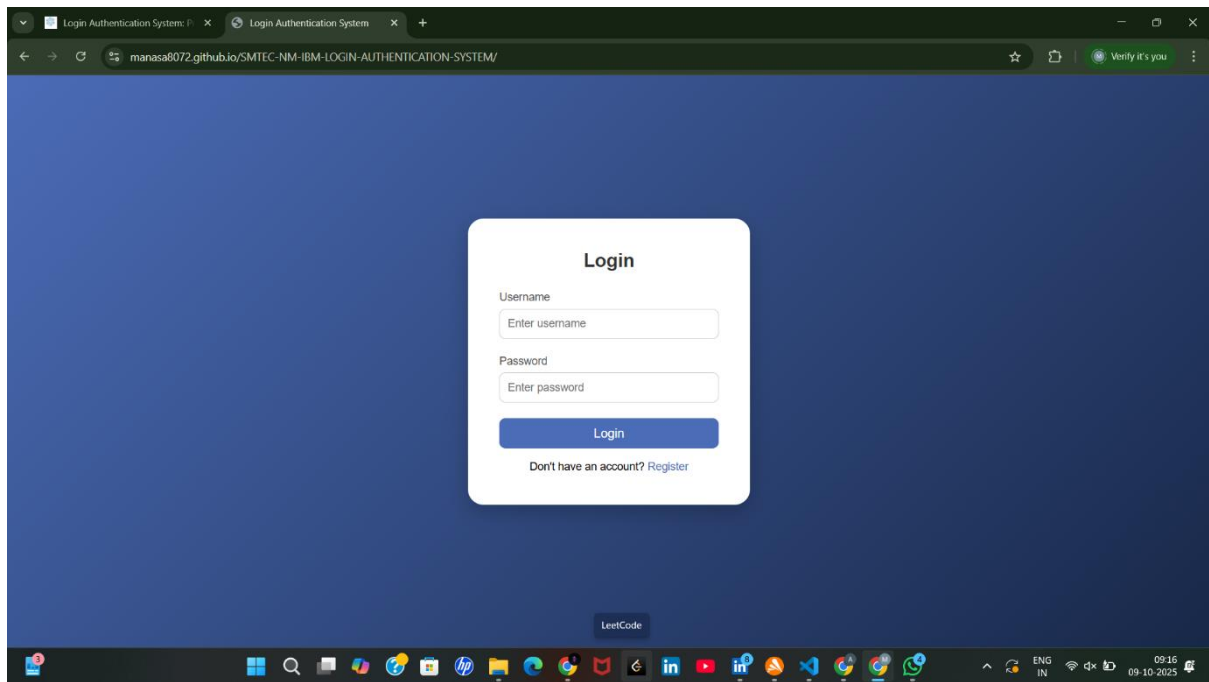**Screenshots of Application Interface:**

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.

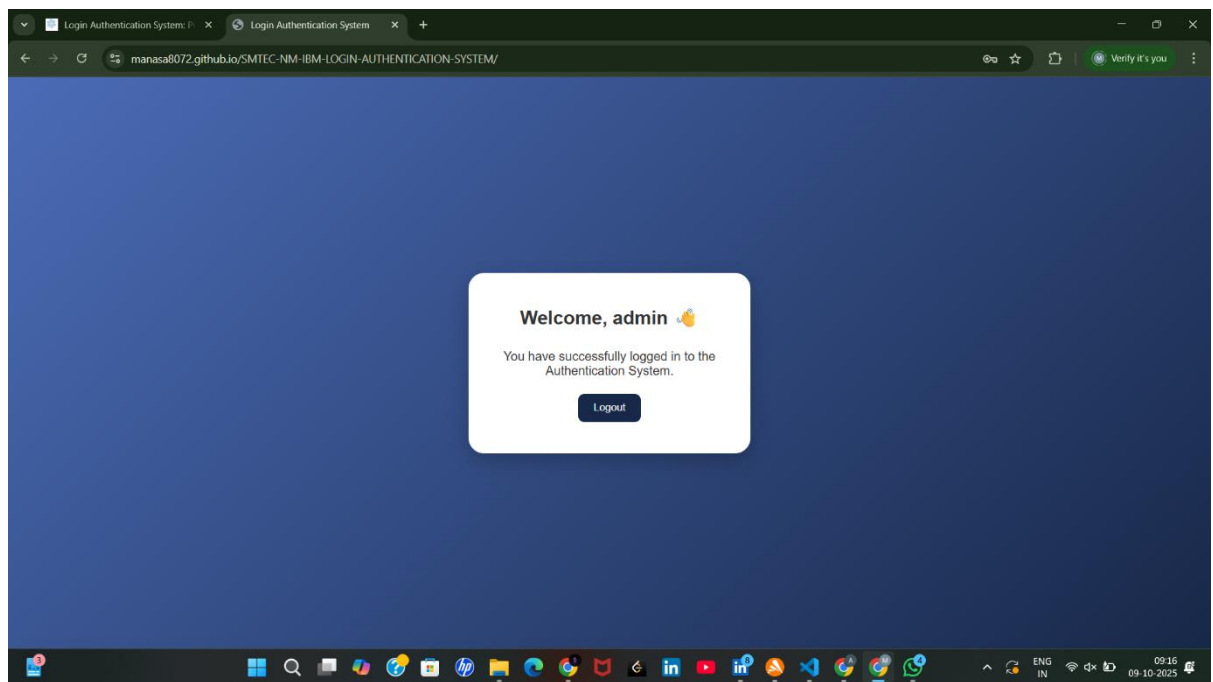5. **Responsive Design View** – Highlights mobile and tablet-friendly layouts.

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/alamelu2925/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://alamelu2925.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.