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St.MOTHER THERESA ENGINEERING COLLEGE

COMPUTER SCIENCE ENGINEERING

NM-ID:a52daf2f5d79ae19a71450dce3e57b48

REG NO: 953023104007

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Completed the project named as

Phase 5

LOGIN AUTHENTICATION SYSTEM

SUBMITTED BY,

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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:

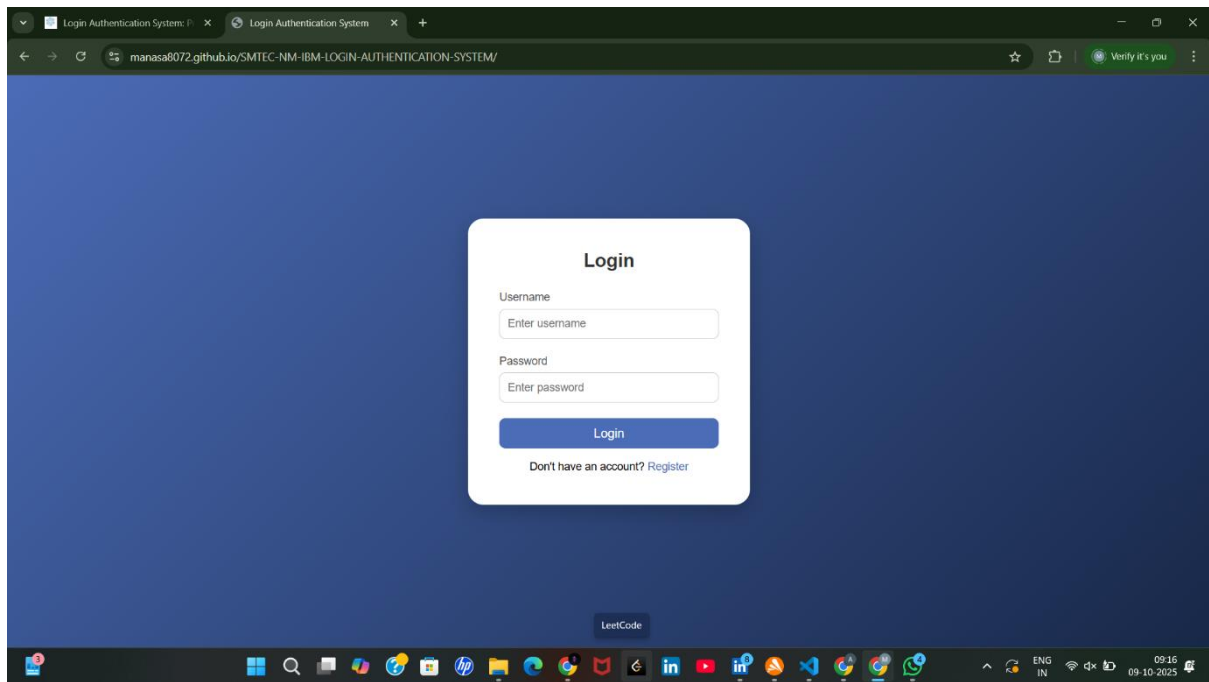
This section provides a detailed visual representation of the **Login Authentication System** at various stages of its workflow.

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.

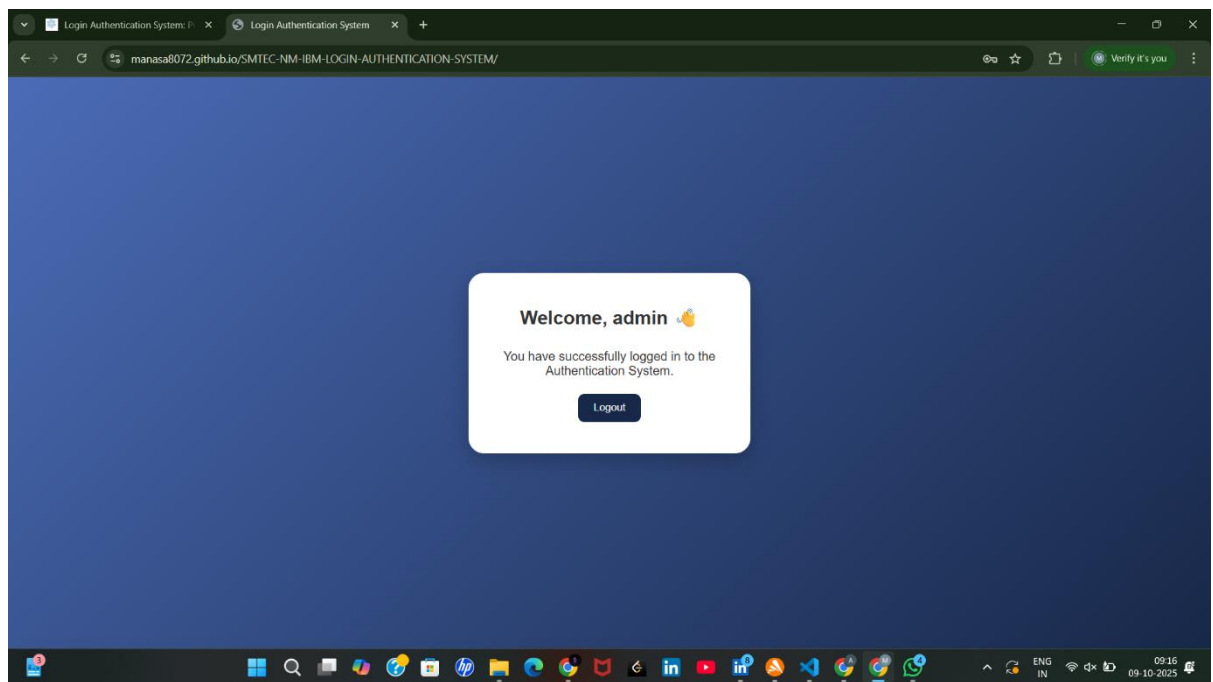
Each screenshot will be **annotated** to identify interface elements such as input fields, buttons, and system feedback messages, ensuring a clear understanding of the application's functionality.



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.