9530

St.MOTHER THERESA ENGINEERING COLLEGE

COMPUTER SCIENCE ENGINEERING

NM-ID: a52daf2f5d79ae19a71450dce3e57b48

REG NO: 953023104007

DATE:29-09-2025

Completed the project named as

Phase 4

LOGIN AUTHENTICATION SYSTEM

SUBMITTED BY,

R.ALAMELU

9361992925

Phase 4 – Enhancements & Deployment

◆ **Additional Features**

- Integration of extra functionalities requested by users.

- Example: Notifications, export/download options, or advanced search.

- Customization settings for better usability.

◆ **UI/UX Improvements**

- Refinement of design for intuitive navigation.

- Consistent color scheme, typography, and responsiveness.

- Improved accessibility for all device types.

◆ **API Enhancements**

- Optimization of existing APIs for faster response time.

- Implementation of additional endpoints for extended features.

- Securing APIs with authentication & authorization.

◆ **Performance & Security Checks**

- Load testing and stress testing of the system.

- Vulnerability scanning to ensure data security.

- Code optimization to reduce memory & CPU usage.

◆ **Testing of Enhancements**

- Unit testing for individual modules.

- Integration testing to ensure system stability.

- User Acceptance Testing (UAT) for real-world validation.

◆ **Deployment**

- Hosting on **Netlify / Vercel / Cloud Platform (AWS, Azure, IBM Cloud, etc.)**.

- Setting up CI/CD pipeline for smooth updates.

- Monitoring logs & analytics post-deployment.