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St.MOTHER THERESA ENGINEERING COLLEGE

COMPUTER SCIENCE ENGINEERING

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Completed the project named as

Phase 4

LOGIN AUTHENTICATION SYSTEM

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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.