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ST.MOTHER THERESA ENGINEERING COLLEGE

COMPUTER SCIENCE AND ENGINEERING

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Completed the project named as
Phase-3


MVP IMPLEMENTATION

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✓ 1. Project Setup

- Define the problem statement and core objective of the MVP.
 - Choose the tech stack (e.g., React/Flutter/Node.js/Django/etc.).
 - Initialize the project environment (create repository, folder structure, install dependencies).
 - Set up basic configuration (package manager, build tools, environment variables, linting).
 - Create initial UI layout or screens if it's a frontend/mobile project.
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✓ 2. Core Features Implementation

- Identify the primary features your MVP must deliver (e.g., login, create/edit/view items, dashboard).
 - Implement only the **essential functionality** with minimal UI.
 - Write basic navigation or routes.
 - Add simple input validation and error handling.
 - Skip any non-critical/advanced features for now.
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✓ 3. Data Storage (Local State / Database)

- If using local state:
 - Implement state management (e.g., React state/Redux/Provider, etc.).
 - Store user inputs or session data temporarily.
 - If using database:
 - Choose database (SQLite, Firebase, MongoDB, PostgreSQL, etc.).
 - Create required schemas/tables/collections.
 - Connect backend or local storage layer to core features.
 - Implement CRUD operations for essential data.
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✓ 4. Testing Core Features

- Test whether all main features work as expected:
 - Functional testing (e.g., clicking buttons, form submission).
 - Unit testing for key modules or functions.
 - API testing (if backend is used).
 - Fix bugs and optimize workflows.
 - Validate that the MVP covers the basic user flow.
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5.Version Control(GitHub)

<https://github.com/sobiaug23cs-png/-smtec-nm-login-Dynamic-Image-Slider.git>