



**9530**

**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/ponradhaug23cs-max/-smtec-nm-login-IBM-FE-Interactive-Form-Validation.git>