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St.MOTHERTHERESAENGINEERINGCOLLEGE  
COMPUTER SCIENCE ENGINEERING

NM-ID 9B36DDD6C314B13BE454072B8B669404

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Completed the project named as

Phase 3

FRONT END TECHNOLOGY  
BLOGSITE COMMENT SECTION

SUBMITTED BY:

ABINANTHAN.M

9360660493

# Phase 3 — MVP Implementation (Deadline – Week 8)

**Project Name:** Blog Site with Comment Section

## 1. Project Setup

- Initialize the project environment using WordPress (or chosen framework).
- Configure local development setup and install required plugins (e.g., comment management, spam protection).
- Connect the project to GitHub for version control.

## 2. Core Features Implementation

- Implement the blog post creation and publishing feature.
- Add a dynamic comment section where users can post feedback and replies.
- Enable comment moderation (approve, delete, or mark as spam).
- Integrate user authentication for verified commenting.

## 3. Data Storage (Local State / Database)

- Store blog posts and comments in a database (e.g., MySQL for WordPress).
- Implement local state handling for real-time updates of comments.
- Ensure proper indexing for quick retrieval of blog posts and user comments.

## 4. Testing Core Features

- Test blog creation, editing, and publishing workflows.
- Test comment section functionalities: Adding, replying, deleting/moderating comments.
- Verify data persistence across sessions.
- Cross-browser and device compatibility testing.

## 5. Version Control (GitHub)

- Push all code changes to GitHub repository.
- Maintain a proper branching strategy (main, dev, feature branches).
- Document all commits with clear messages.
- Use GitHub Issues/Projects for task tracking and bug reporting.

<https://github.com/Abinanthan-2006/SMTEC-NM-IBM-BLOGSITE-WITH-COMMENT-SECTION.git>