

Phase 2 — Solution Design & Architecture (Deadline – Week 7)

Tech Stack Selection

CMS: WordPress

Plugins: WP Review, WPDiscuz, Jetpack Comments

Hosting: Localhost (XAMPP/WAMP) or Online (WordPress hosting)

UI Structure / API Schema Design

UI: Responsive blog theme (Astra, Neve, or GeneratePress).

Schema:

- Post Table → ID, Title, Content, Author
- Comment Table → ID, PostID, UserID, Content, Rating, Date

Data Handling Approach

Comments stored in WordPress database (wp_comments).

Ratings stored in plugin-specific tables.

API calls fetch/update comments dynamically.

Component / Module Diagram

Frontend: Blog posts + Comment/Review section.

Backend: WordPress DB + REST API.

Plugins: Extend comment/review features.

Basic Flow Diagram

User → Blog Post → Add Comment/Review → WordPress DB → Admin Moderation → Display on Post

**St. MOTHER THERESA ENGINEERING
COLLEGE COMPUTER SCIENCE
ENGINEERING NM-
ID:F035F3FF31CA917B67E41339AB85E84
B**

REG NO: 953023104019

DATE:15-09-2025

**Completed the project named as
Phase 2**

**FRONT END TECHNOLOGY
Blog Site with
Comment section**

**SUBMITTED BY,
G.AVINASH
9043254216**