

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

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Completed the project named as Phase 2
FRONT END TECHNOLOGY Blog Site with
Comment section**

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