Project name: Hospital Management System

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1. Waterfall Model:

Our project follows a structured approach, with well-defined modules (Admin, User, and Doctor).

Each phase (Requirement Analysis, Design, Implementation, Testing, and Deployment) is completed before moving to the next stage.

2. V-Model (Verification & Validation Model):

Our project involves systematic verification and validation at each stage.

Every module (Admin, User, and Doctor) has predefined functionalities, making it suitable for parallel testing after development.

3. Iterative Model:

Features like adding new modules (e.g., patient history tracking) or improving doctor-patient interactions can be added.

4. RAD (Rapid Application Development) Model:

The system involves multiple user interfaces, which can be developed as prototypes before the final implementation.

Frequent user feedback (from hospital admins, doctors, and patients) helps refine functionalities.

5. Spiral Model:

This model is suitable for projects with high risks and evolving requirements, but our project has well-defined and stable requirements.

6. Agile Model:

Agile requires continuous development, frequent updates, and iterative collaboration with stakeholders, which is more suitable for long-term evolving projects.

7. Big Bang Model:

This model is more experimental and does not follow a structured development approach.

8. Prototype Model:

Prototype Model focuses on building small prototypes before full-scale development, while our project follows a more systematic approach.