

Which model is suitable for your Project?

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V-model is the most suitable model for our project.

Reason for opting V-Model:-

1. As our project requires step by step approach for various processes and it also requires regular testing at the end of each process so this Verification and Validation model (V-model) is the most suitable model for our project.
2. To start with our project we will first have to understand the requirements of this project from the user's perspective and then the Validation process begins with the acceptance test.
3. Once we have a clear and detailed understanding of our project then we will design the complete system. Then based on the design, we will make a system testing plan which will check the entire system functionality and the communication of the system under development with external systems. Most of the software compatibility issues can be uncovered during this system test execution.
4. Based on the system design, the actual coding of the system modules is taken up in the Coding Phase.

Pros of V-model :

1. This is a highly-disciplined model and Phases are completed one at a time.
2. Works well for smaller projects where requirements are very well understood.
3. Each phase has specific deliverables and a review process.