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BA/DA Training

Assignment 2

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**What are the challenges that come in software engineering while implementing?**

Challenges that comes in software engineering while implementing could be anything from missing details in requirements, missing business use case, technical feasibility, not enough resources in functional specification document (FSD), incomplete technical specification document (TSD), time constraint (approaching deadlines and not enough time to complete coding) etc.

**What is V-model?**

The V-model is an SDLC model that may be considered an extension of the waterfall model where process executes in a sequential manner in V shape. It is based on the association of testing phase for each corresponding development stage i.e, for each development activity, there is a testing activity corresponding to it. Verification and validation phase goes side-by-side parallel. Once Business requirement document is created, testers perform acceptance testing. Likewise, SRS correspond to system testing, HLD corresponds to system integration testing, LLD corresponds to component testing, and coding corresponds to unit testing.

**Who are stakeholders?**

Stakeholders are all the people who are getting affected or who affects the project i.e., all members that are connected or concerned with project. Stakeholders could be project manager, project team manager, sponsors, resource manager, executives, customers etc. There are general stakeholders and key stakeholders who make decisions like for e.g.; executives, product owner, project manager, sponsors, customers etc.

**What is the difference between product based and software based company?**

Product based company is a company that make and sell products to as many customers as possible and constantly works on a change to improve their products and make it competitive in the market so that there are more consumers. Whereas, software based company provides software product, solution and support to one customer (project) at a time based on customer’s need or requirement with a specified budget and timeline to complete the project. For a software-based company, client’s need and satisfaction is the key whereas for product-based company quality is the key so that more people buys and uses their product.