

Assignment 1

Software Engineering Concepts :

Section A: Questions

Note : Explain with examples

What are the reasons of a successful and unsuccessful software project?

What types of problems may arise if a software project is developed on ad hoc basis?

Provide three examples of software projects that would be amenable to the waterfall model. Be specific.

Provide three examples of software projects that would be amenable to the prototyping model. Be specific.

What process adaptations are required if the prototype will evolve into a delivery system or product?

Provide three examples of software projects that would be amenable to the incremental model. Be specific.

As you move outward along the spiral process flow, what can you say about the software that is being developed or maintained?

Section B:

Aim : To study Software Development Life Cycle (SDLC) Models

1. Team Name , Number
2. Team Member's Name
3. Model
(Introduction – Purpose of Model, Diagram, Phase Diagram , Advantages, Disadvantages, Realtime Examples)
 - 3.1 Waterfall Model
 - 3.2 Rapid Application Development
 - 3.3 Incremental Model
 - 3.4 Spiral Model
 - 3.5 Agile Model
 - 3.6 'V' shaped model
4. Comparison between the models