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1. review all the SDPM discussed in class b)Search for other SDPM
2. What exactly is the re use model

a) 1) Waterfall model: The waterfall model is a breakdown of project activities into linear sequential phases

2) Interactive model: (also known as convergence model) deals with exchange of ideas and messages taking place both ways from sender to receiver and vice-versa.

3) Incremental model: The incremental build model is a method of software development where the product is designed, implemented and tested incrementally until the product is finished.

4) The spiral model: This is similar to the incremental model, with more emphasis placed on risk analysis. The spiral model has four phases: Planning, Risk Analysis, Engineering and Evaluation.

5) The Big Bang model: is an SDLC model where we do not follow any specific process. This model is use for useful for short projects

6) The prototyping model is a systems development method in which a prototype is built, tested and then reworked as necessary until an acceptable outcome is achieved from which the complete system or product can be developed.

7) Re -use model: is the use of existing software, or software knowledge, to build new software, following the reusability principles.

8) Agile model: AGILE methodology is a practice that promotes continuous iteration of development and testing throughout the software development lifecycle of the project.

B) 1) DevOps

2) RAD (rapid application development model).

3) **Kanban**

4) **Scrum**

**5) XP Extreme Programming**

**6***)* Integration and configuration

**7) Unified process model**

C) What exactly is the reuse model? When people working on software project if design and code are similar to other software then we use that software and modify them according to our need and include them into their system. Today the use of existing software widely spread. Reusable software models save development time of the project.