

- · Cost of delay: Is the project highly time-bound with a huge cost of delay, or are the timelines flexible?
- · Customer Involvement & Do you need to consult

 the customers during the process? Does

 the user need to participate in all

 phases?
- · Familiarity with technolog: This involves the developer's knowledge and experience with the project domain, software, tools, language, and methods needed for development.
- · Project resources: This involves the amount and availability of funds, staff, and other resources.
- 2/ Discuss the Various cost benefit evaluation techniques in brief.

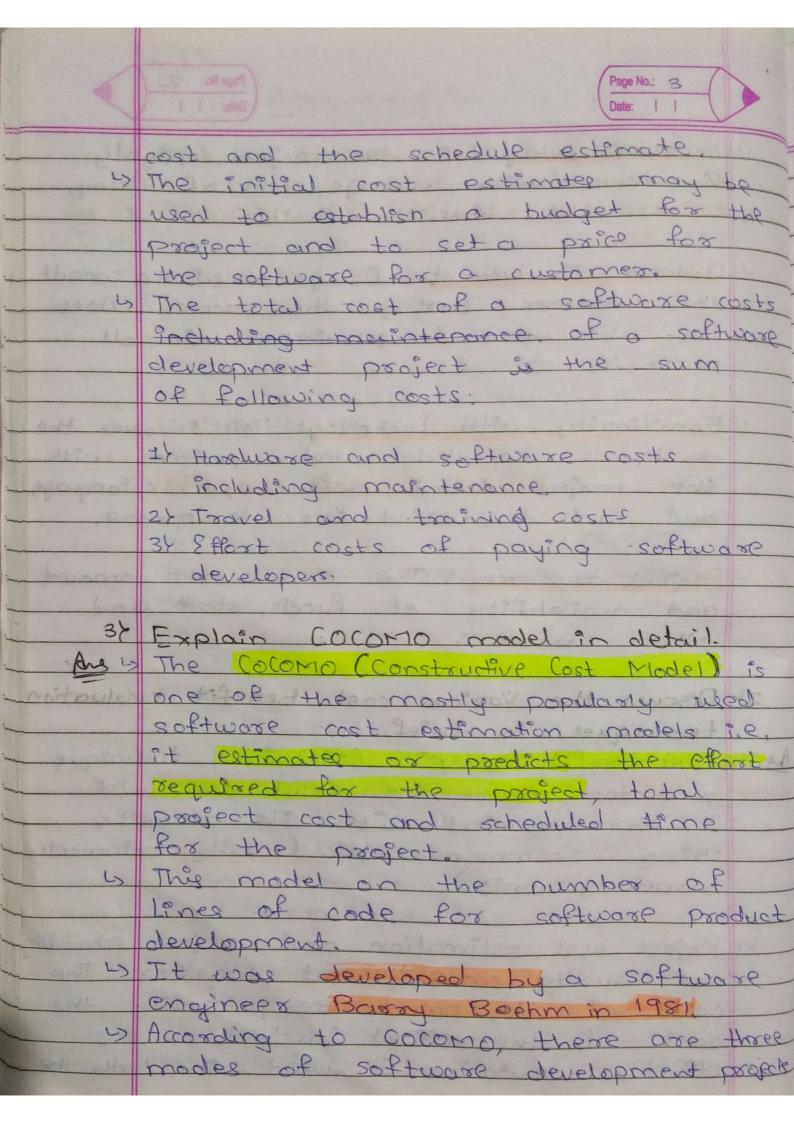
 Lechniques in brief
 - 1) Project cost estimation and project scheduling.

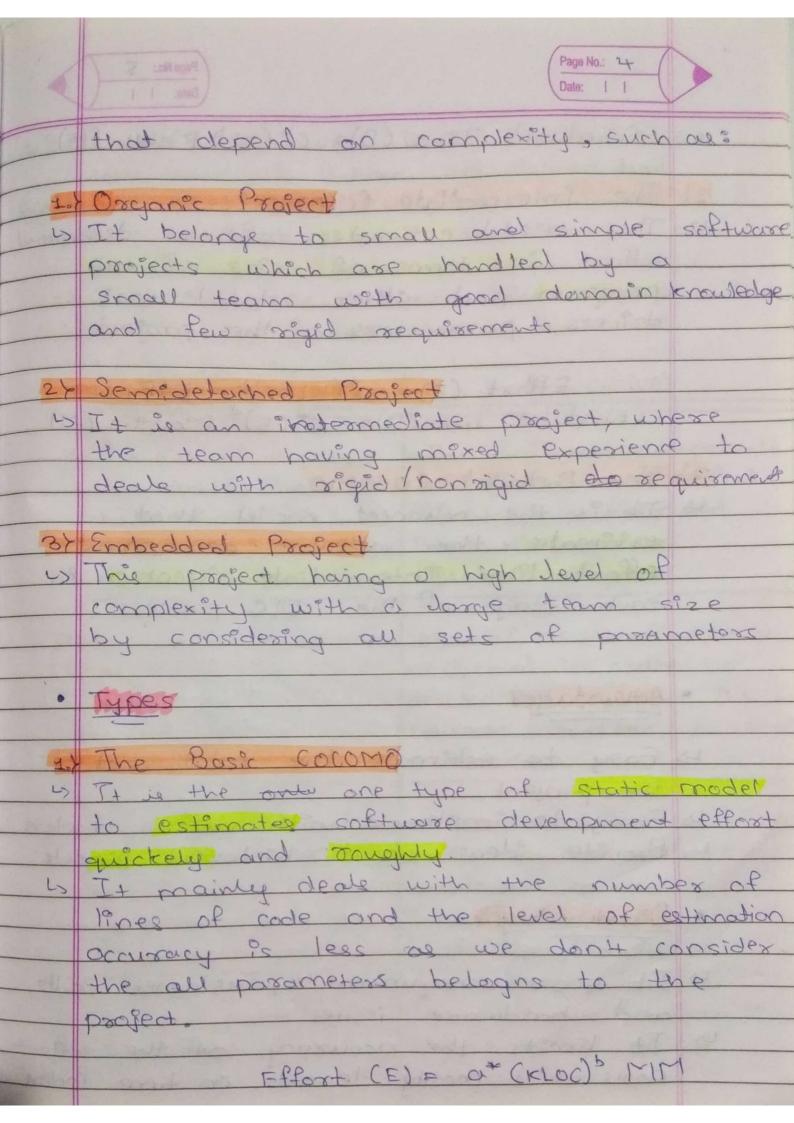
 are usually carried out together. The

 costs of development are primarily the

 costs of the effort involved, so the

 effort computation is used in both the



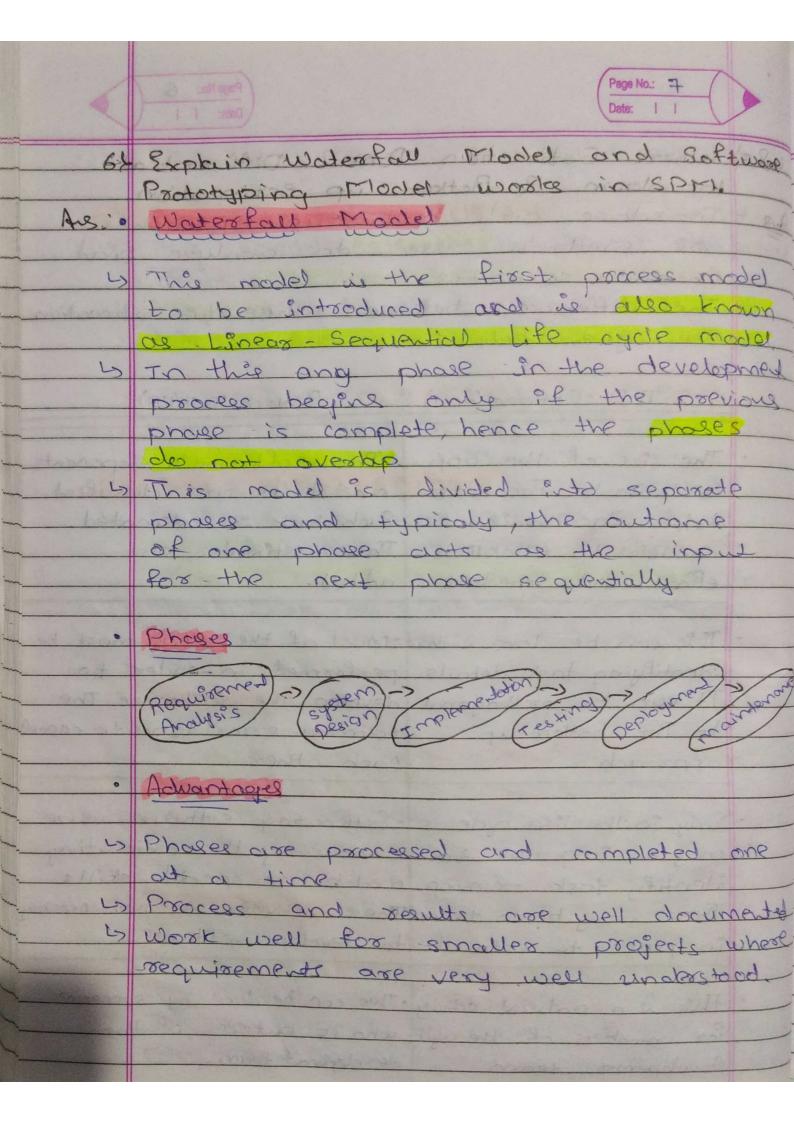


Page No.: 5 Date: 1 1 Scheduled Time (D)= (*(E) & Flonths (M) 2) The Intermediate COCOMO This model estimates coftware developmed effort in terms of 8920 of the program and other related cost drivers parameters of the project Scheduled Time (D) = C* (E) of Months (M) 3/2 The Detailed COCOMO 5) It is the achianced madel that estimates the software development effort 1910 Intermediate Cocomo in each stage of the solc process. · Advantages Ly Fasy to estimate the total cost of the project is Easy to implement with various factors. Is Provide ideas about historical projects. · Disadvantugel 1) It ignores requirements, customes skills, and hardware issues

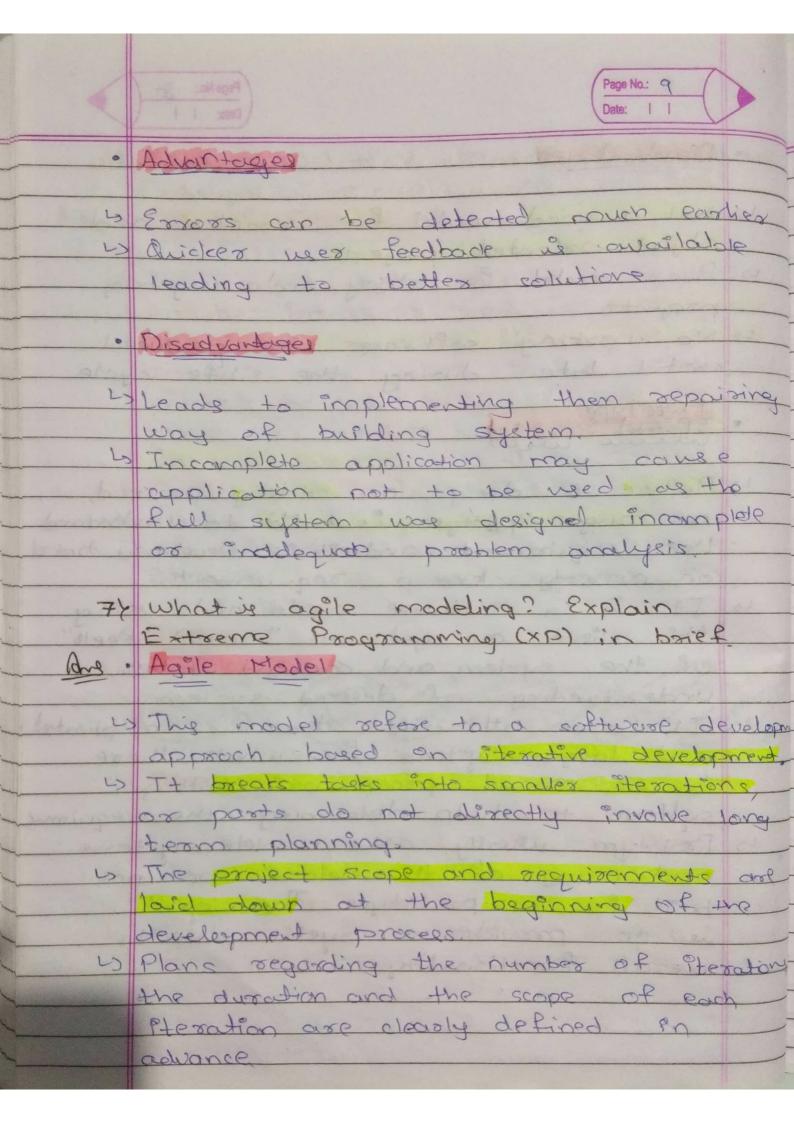
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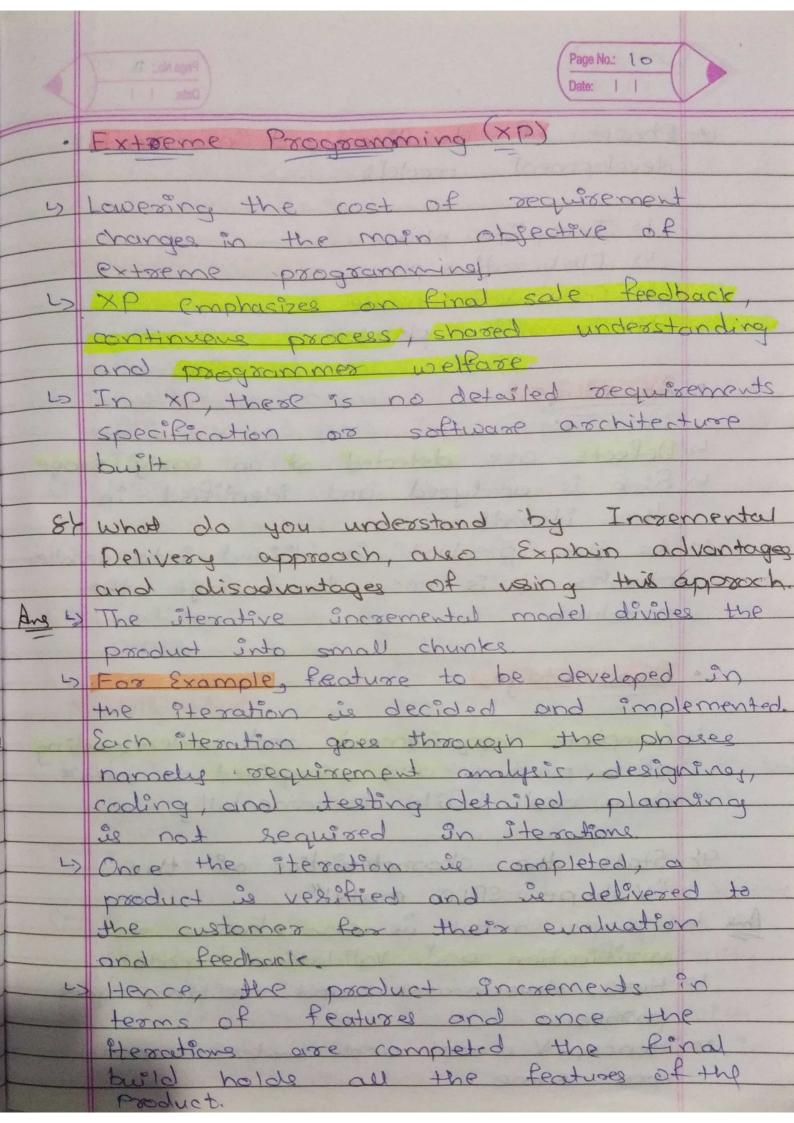
costs and mostly depende on time factors

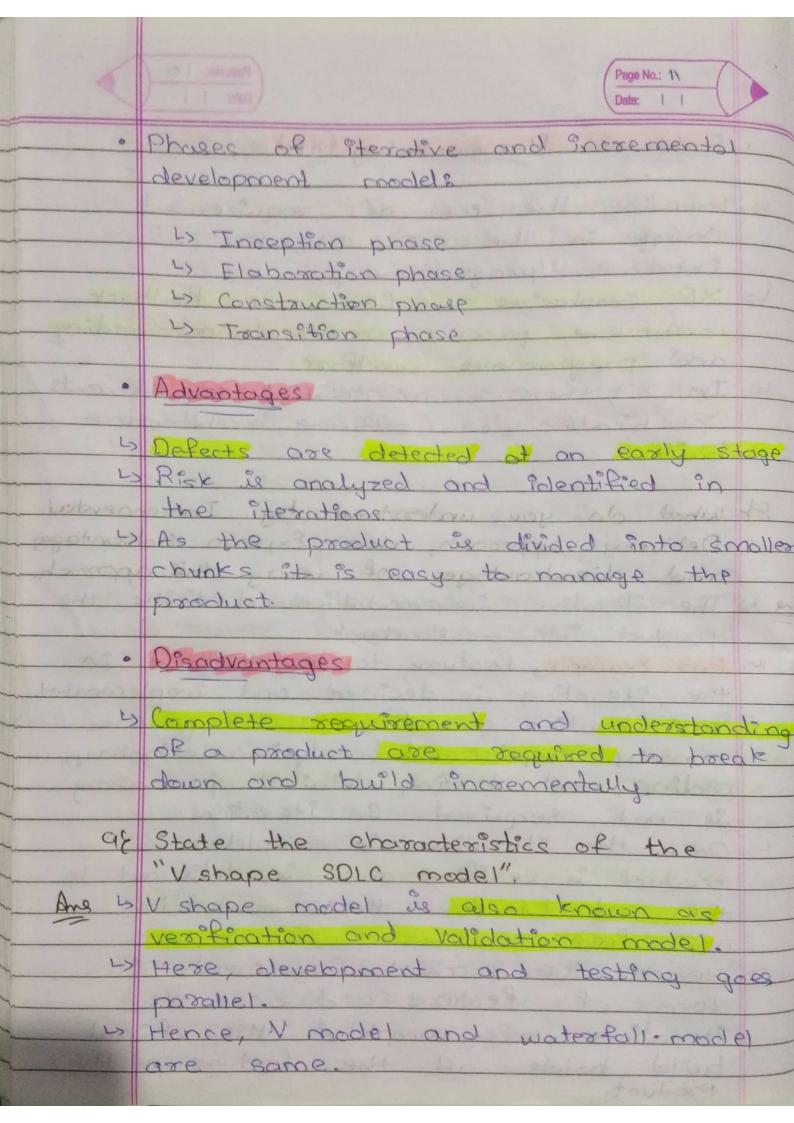
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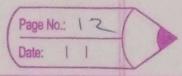


Page No.: 8
Date: 1 | · Disaelantage 1> Not a good model for complex and object-oriented projects Who working software is produced until late during the Life cycle · Prototype model Before a design or coding proceed, the requiremente, and it is developed bosol on cussery known sequisements. 4 It is a software model and using this client on get an "actual feelo" of the system, and can get better understanding of desired system. b It is an attractive idea for complicated and large cystems for which there is no manual process or existing system to help determing the requirement 5 Prototype usually not complete systems and many of the details are not but in the prototype. The good is to provide a system with overall functionality.









is There are two phases, which are a) Verification b) Validation a) Verification (1) Requirement analysis & Here, required infois gothered and analyzed. (19) System design: architecture, components of the product are created and documented in a design document. ("") High-level design: It defines the fundions--laties between two modules (iv) Low-level design: It defines the architecture or design of individual components. (v) Coding : Code development is done in this b) Validation (i) Unit testing : It is performed on individual components which lead to early defect detection. (ii) Integration testing: It is done on the integrated modules and performed by testers (111) System testing: The complete system is tested i.e. the entire system functionality is tested (iv) Acceptance testing à It is associated with requirement analysis phase and is done in the rustomer's environment.

E-trampiech 1> Additional functionality can be added to a latex date. · Disadvantages -> Can be costly model to use 1) Doesn't work well for smaller Project is Project's success is highly dependent on the risk analysis phase.