⑤ What is the testing phase in the SDLC model?
* where it forcuses on an empirical investigation in which the results describe the quality of the system. The phases of software testing cycle is ; Requirement analysis, Test planing and test case design and development

Tutorials @ 2023/05/10.
Feasibility studuies;

① What is meant by feasibility study?
* A prelimnary exploration of a proposed preliminary exploration of a proposed project or under taking to determine its merits and viability.
* Simply its an evalution to check whether the project is possible or not.

② What is the importance of having a feasibility study report in a project?
* To identify the logical, financial and market challenges of a proposed project.
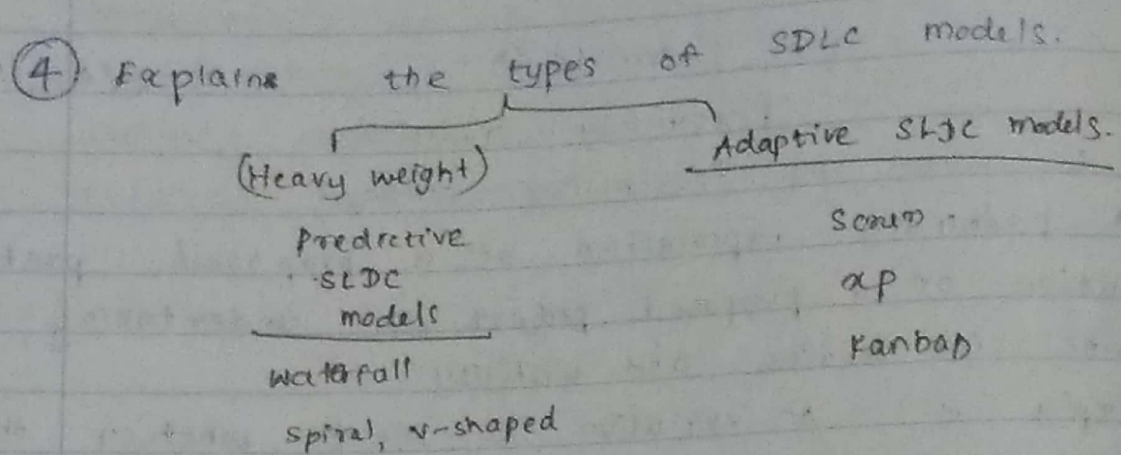* It helps to determine the viability of the project.

③ Briefly describe the four types of techniques used in feasibility study.
▷ Economical feacibility - A measure of cost-effectiveness of a project or solution. (Cost-benefit Analysis)

② Technical feasibility - A measure of practicality or a specific technical solutions and the availability of technical resources and expertise.

③ schedule feasibility - A measure of how responsible the project timetable is.

⚐ Operational feasibility — A measure of how well the solution of problems or a specific solution will work in the organization. Also a measure of how people feel about system / project.

(4) Explains the types of SDLC models.

(Heavy weight)
Predictive
·SLDC
models
waterfall
spiral, v-shaped

Adaptive SLDC models.
Scrum
xp
kanban

* Waterfall — 4 stages of SLDC are performed in a sequencial manner.
Documentation takes a lot of time in this method

* Parallel method — After the initial design, it is divided in to subprojects lead by subse Final implementation is a mixture of the all sub implementation by the sub teams.

* V-model — A variation of the waterfall model The testing phase is different from the waterfall meth

⑤. What is the testing phase in the SLDC model?

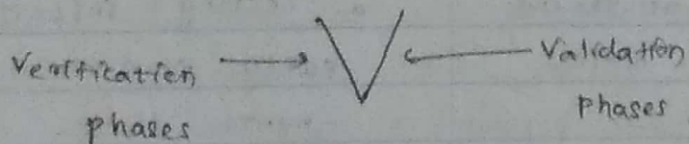The developed software is thoroughly tested to ensure that it meets the requirements and works correctly.

① What are the project management phases consist of when creating project plans?

initiating, planning, executing and closing, monituring and controlling, closure

② Briefly describe each of the following software development methodologies

. Waterfall → It is a breakdown of project activities in to linear sequential phases, meaning they are passed down on to each other. It sequencially approaches planning, analysis, designing, implementation and system exicution. No reverse in this method.

. Parallel → In this method after creating the initial design it is divided in to subprojects amons sub teams. each team will perform their task simultaneously. Can reverse back.

. V-model → An extension of Watefall model. It is also known as verification and validation model. The corresponding testing phase is planned in parallel.

Verification ⟶ V ⟵ Validation
phases   Phases.

. RAD model → prototyping and iterative development with no specific planning.

. Uses minimal planing in favor of rapid prototyping.

. No detailed pre planning.