CSPE41 - SE 02-03-2021

106119**1**00

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Cycle Test - 1

## Duestion-(1)

## WATER FALL MODEL FOR ONLINE TICKET RISERVATION

## explanation:

- (1) Communication:
  - -> Collecting and communicating with useus to extract the information about the system to make it better, and what the user expects. from webseucice.
  - -> Grathening resources and Information
- Now, neve comes the planning of the system and how to make compatible for the user, the (2) Planning: information we gatuer from the users in communication phase. Also, scheduling the time for the completion of the task.
- 3) Modelling ! Naw, O after planning we need to make model. of the service; deciding and modelling the features that we are going to make the modell. which technolog will be used in making the online resembletion system. desingmin the user freindly interface.

now, after modelling our system, we can start coding it. It involves the frontend part of the website as well as back of the web service, also, what kind of database used. Integrating front and backend.

testing of the web app again and again until it runs smoothly and all features are woulking property.

6 Deployment:

After the web securice is complete, we have to deploy in on live secureus so, that all the respective customer make use of it.

→ using the securice, feedback is also important for the securice takes feedbacks from user and improve the quality of web app/securice.

communition Discursing Grathering Info. Planning scheduling planning ( features. Modelling - making construction from plany -code Deployment festing Deploy feed back

Question (2): COMPARE SPIRAL and WIN-WIN SPIRAL SPIRAL model: This model combines the propenties of the prototype model, and waterfall model. This model is good for lauge and mission-critical It requires strong approval and documentation.control. projects. The Win-Win spiral: This model is an add-on to the spiral model The stages in this, model one same as the stages in the spiral approaches. The only difference is that there is a discussion and negotiations of the stakeholders' win conditions on the riequiremets that need to be include in the amient iteration of the software takes places between the development team and the customer at the time of the identifying the requirement. compaul

<u>using</u> examples:

## Online Banking System # Spiral model

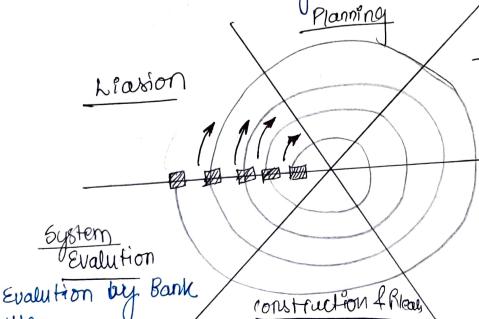
1) Planning:

estimation of the cast, schedule for completion
of the poline Internet banking model (webpage).

Here understanding the requirement for banking system,
for continuous communication between the wistomer
and system analyst.

2) Risk Analysis: Identification of potential risk like Hacking of bank account is done while mitigation Strategy is planned and finalized.

- 3) Engaineeuing: Indudes cooling of website, deplayment to the user at customer site
- 4). Evaluation: Evaluation of software by the custom.
  monitoring brisk as such as sippage.



usey

engineering coding and deployment of website for online Banking.

Risk analysis

bank Jaccount

Security of

· <u>Min-Win Spiral</u> Model Here, win-win approach is the extension of epiral approach. Here. the condition for win-win between developing team and the customen team can be the time for completion of website and by giveng more features for the website but cost is figu. . Also negotiatioton for the best premium pearures but only for premium membeuship. a) Identify stakeholders' win conditions Negotiation for best premium features for premium membership plan users like low senurce of Do 1. Identify next-level (a) Reconcile win Stake holders change condition Here, the duelopens. developer will implement and the customerus extra féautes and aue stake holdens! can be only accessible for paid/premium member 4) Evaluate Product 7. Review commitment and RISKS Here, the customer 6 validate product will use and give feed box 5) Defining next to the developey. and process level of Uproducts. and also developery definition will mange the and process risk involve. premium features like lex semice chame, net atm cand change-zero, accesible only by paid/membum useus.