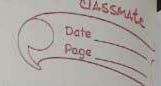
Normal Anish kumas semester 6th section 4 USN-14421CS028 Classmate Date Page 11/24 Saftware Engy Assignment -2 viscus Agile modeling approach in brief? egile modeling is an approach that promotes flexibility, collaboration and exceptive development in software modeling process. I taligns with the principles of Agile Software development methodologies, such as Scrum and Kanban, emphasinging adaptobility , customer feedbook Key Concepts of Agile rodeling: I torative and Incremental bevelopment models are developed and refined in small iterative cycles. Forh iteration involves creating -,-a simple model that combe exponded and improved in subsequent iterations 2. Collaboration and Communications: Agile modeling eneourages close collaboration. among deam members, including developers , designers, testers and stakeholders 3. Simplicity and Flexibility: models are kept as simple as possible, focusing on the a essentials needed to understand and solve the problem at hand.



4 Just I nough rodeling:

The goal is to create that are just enough'
to support the tosk at hand. Over-modeling
is avoided to prevent wasted effort and
to maintain agility.

5 Continous teedbook and Improvement: teedbook is Continuously sought from itakeholders and team members to emprove the models.

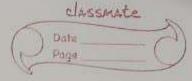
Principles of Agile modeling

I model with a farrpose:

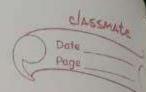
Each model should have a clear goal and purpose. It should provide where and help solve a specific problem or clarify a particular aspect of the system.

2. Embruce Changes: tgile models accepts
that requirements and understandings well change
over time wodels should be adaptable to
accommodate men ineights

3. Incremental and Evaluteianary Approach:
Develop models insmall increments
allowing them la livalue as the project
progresses and as more information becomes
available.



4 nultiple nodels: use multiple models to represent different aspect of the system we single model can capture all dimensions of a complex system. 5 High - Quality work! Strine for High diality models that are accorde, - clear and useful. Quality should not be sacrificed for speed. Benefits of Agile modeling · Improved Flexibility The ability to adapt to changes quickly helps ensure shalthe models remain relevant and exeful throughout the project lifecycle · Enhanced Collaboration Close collaboration and communication arong team members and stake holders lead to shared understanding and better alignment with project goals Early and continous feedback allows forquick · Faster Feedbock Corrections and improvements



Analyze the given use cost Scenaria and design une nodel for the come This project is bosecolly an application which helps friends, colleagues or relatives who live at for off places plan a trip together to a place in optimal budget Ans: - Phimory use Cases I toput Trip Details: Input their current locations, storing date, and durations of the trip. 2) Submit Trief Retails: On submission, the oppleintion Calculates and suggests destination based on total pudget 3) Customize Budget Factors: Users Con De Customizer the factors included in the budget calculation. 4) View and Select Trip Options: Users to view the trip options souted by budget and select one 5) Book thights Usery con book flights directly from the application. 6) Additional Trip Services - The application offers additional services like lune bookings etc

