## Tutoreal - 01

Planning an Information System Project

Answer all the questions .

CLES REIN

- 1. What is mean by feasibility study?
- \* A preliminary exploration of a proposed project or. undertaking to determine its merits and viobility.
- What is the importance of having a feasibility study. report in a project p fordintify the project risk . Tiske we can identify it # We can go for good project plan.
  - + helps deactsion makers to determine the success or failure
  - of a proposed project or investment. \* Understand all aspects of the project feastbility
  - \* stetermine the riability of the project.
- Identify obstacles and challenges.

  \* Deter Define alternative solutions to obstacles.
- Briefly describe the four (04) types of techniques.

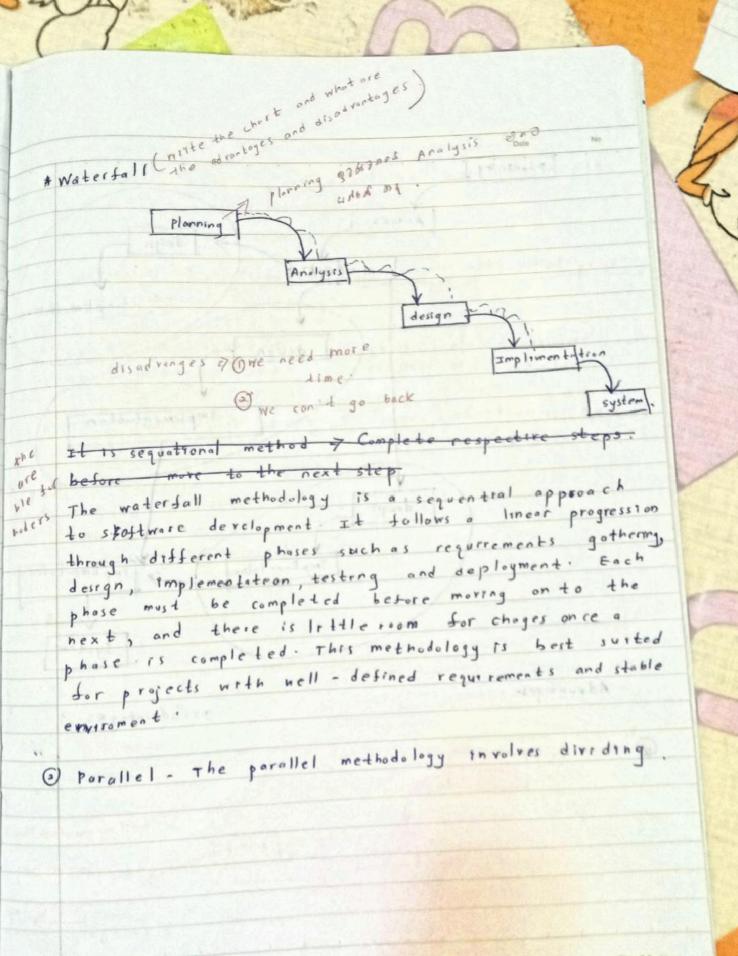
used in feasibility study

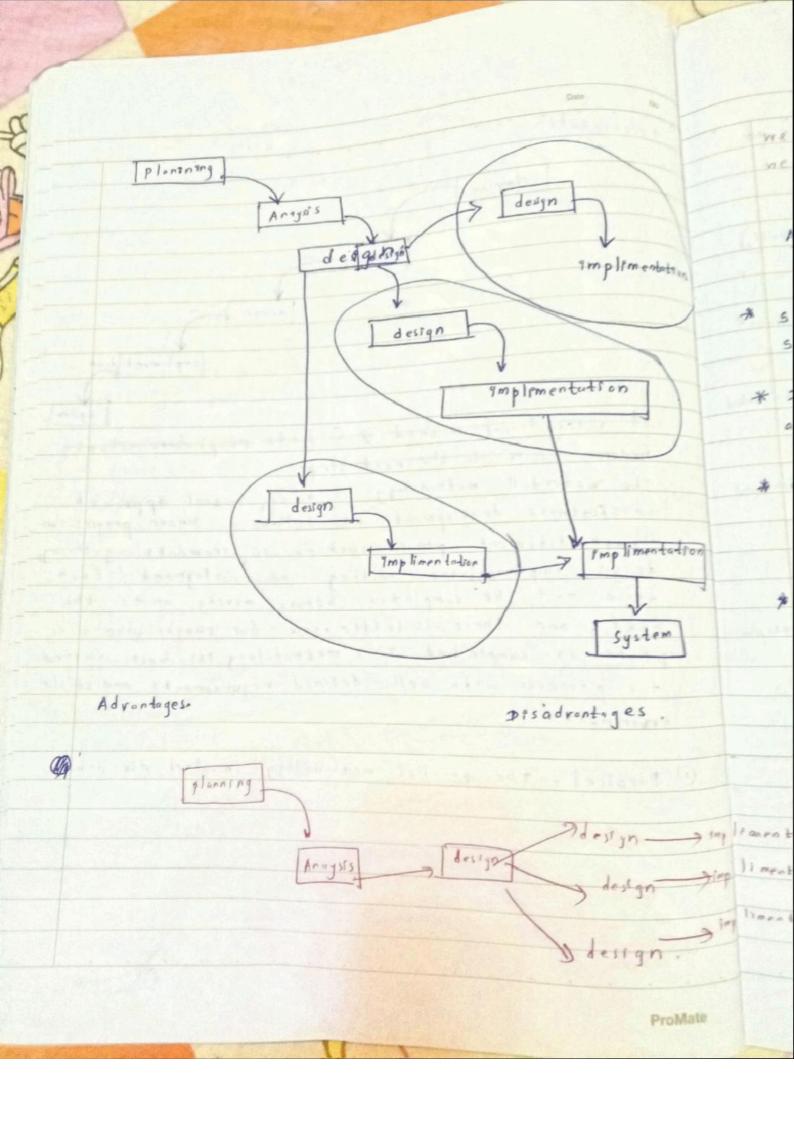
feasibility The tan knowledge feasibility pay salary can be do the project on time magnifer to feosibility. Twe con do that project probably \* technical financial whedware fease bility market Operational

projects.

3 Compare and differences between waterfall developmen 4 and V-Model development.

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we can simplify divide designing stage into 3 parts and we can each an every lesign part impliment Desadvantages of parallel processing Advantages of parallel processing, \* Better cooling technologies are \* solve larger problems in a required on case of clusters short point of time \* Power consumption is huge by \* It has massive data storage the multi- Core architectures and quick data competetrons # using computer resources on # the wide-Area Network (WAN) or even on the internet Itanen tation Sinal implementation 1) mentation Doontytych ProMate

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V model and waterfall model common Corn tgo to backward

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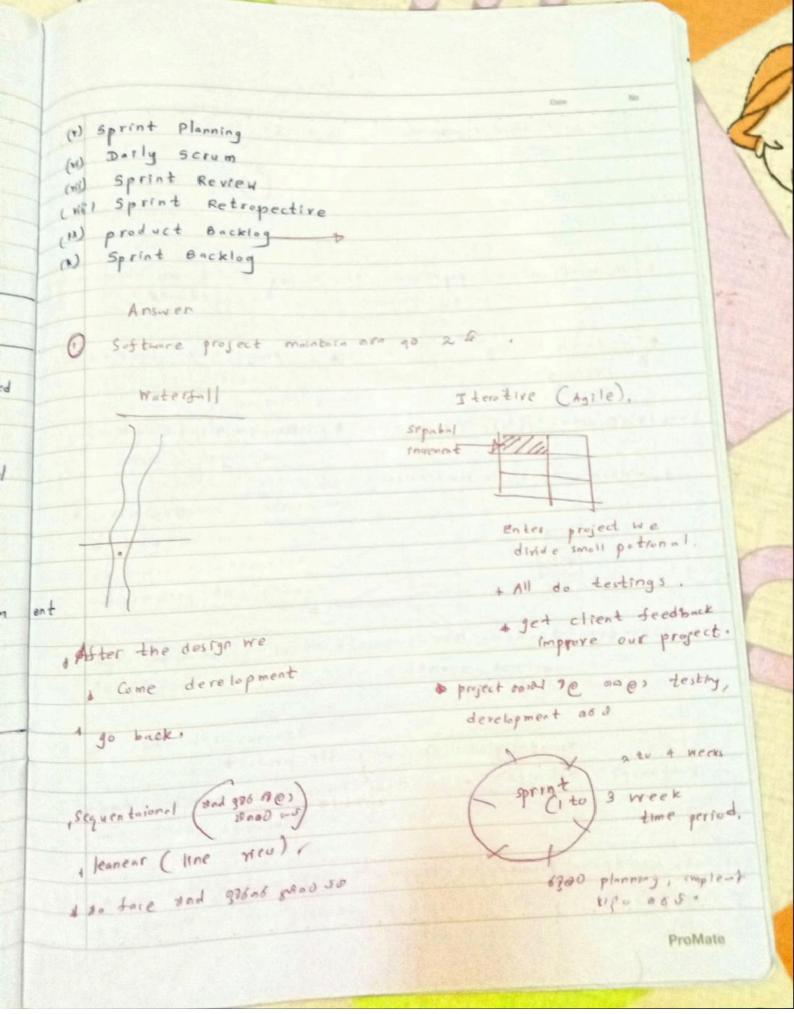
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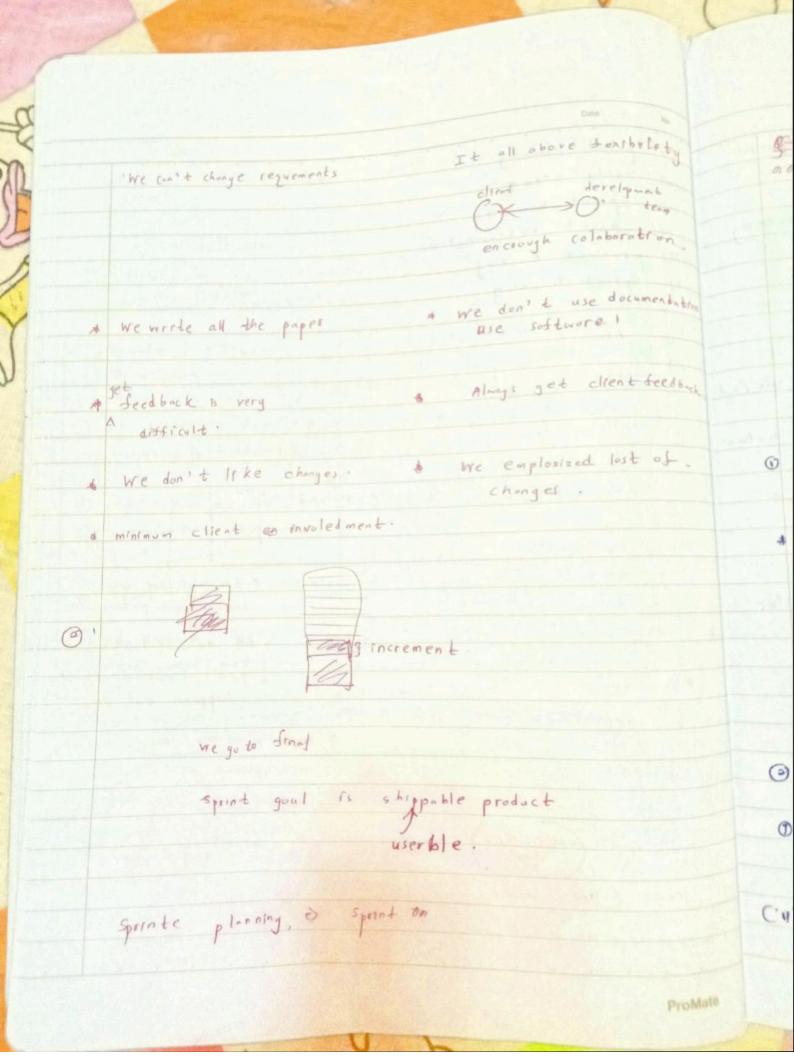
O . What are the differences between Traditional (waterfall) and Agile (Iterative) approaches.

	Traditional Software  Development	Agrie softwore Development
0	) It is used to develop simple software	O It is used to develop complicated software
6	) It follows a linear organization structure	② It follows an reterative organizations
3	) It provides less security	
4	) It supports a fexed development model	1 It supports a changeable developm e
5	Cost 15 less	© Cost is very high

- What are the key components of the Scrum framework an Agile methodology?
  - , Product backlog
- (1) Product owner
- (11) scrum Master + We following principles of agile moter
- (Mi) Development Team
- (1) Sprint

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Darly scrool Called daily product do rod man sois sit on all Sprint Revier - product on more Sprint Restrospective - winds and gal coins one of and noted thup, then sprint and the 2000/10 065.9 softere dereight 1 What is Agile methodology, and what are its key principles ralues ? translation rate yalves # individuals and enteroctions working software. eustomer collaboration responding to change. Agile methodology is an iterative and incremental approach to project management and software development slexible, (3) or Colour the correct box. O which software development methodology follows a sequentral and linear approach => waterdall (11) In which methodology are project requirement and plans expected to remain relatively stable throughout the project? of Agate Montala

1			
	Date No.		
1	(iii) which methodology breaks the project into small, incremental sterotions or sprints > Agile.		
9	Leaks the project into	O princ	
	(iii) which methodology or Aprile.		
	which methodology embraces change and accommodates evolving	d) srm	p
	change and accommodates	(4)	
0	(v) Which methodology employed	1	
	requirements > Agile		
	, Kholder involvement		
0	v) ambraces charg involves less direct state		
-	to I the final stages of the project		
	embraces charg involves less direct stakeholder envolvement until the final stages of the project of waterfall until the final stages of the project of waterfall  i) emphasizes active stakeholder collaboration throughout the project	>An9te	
-	1) - Live active stakeholder collaboration throughout the project	5	
("	emphasizes		
	i am able dransition between	en (0) V	1
(	vii) prioritizes compression waterfall		
	project phases -> Asile waterfall	4	
	i at ther roles and		ĸ
(41)	has a hierarchical team structure with clear roles and		
	responsibilities > waterfall		
11	places anore emphasis on working software over comprehensive		
("x)	documento tron of Agile	(60)	
	documento tion :> Agile		
	to Cl. Lilita ada a biles.	(3)	
( N)	which methodology offers greater flexibility. adoptability	( )	
	and stakehoder traclyement & Agile.		
		A March Sty	-
	Agile of Me chirater roll about of		
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report generation
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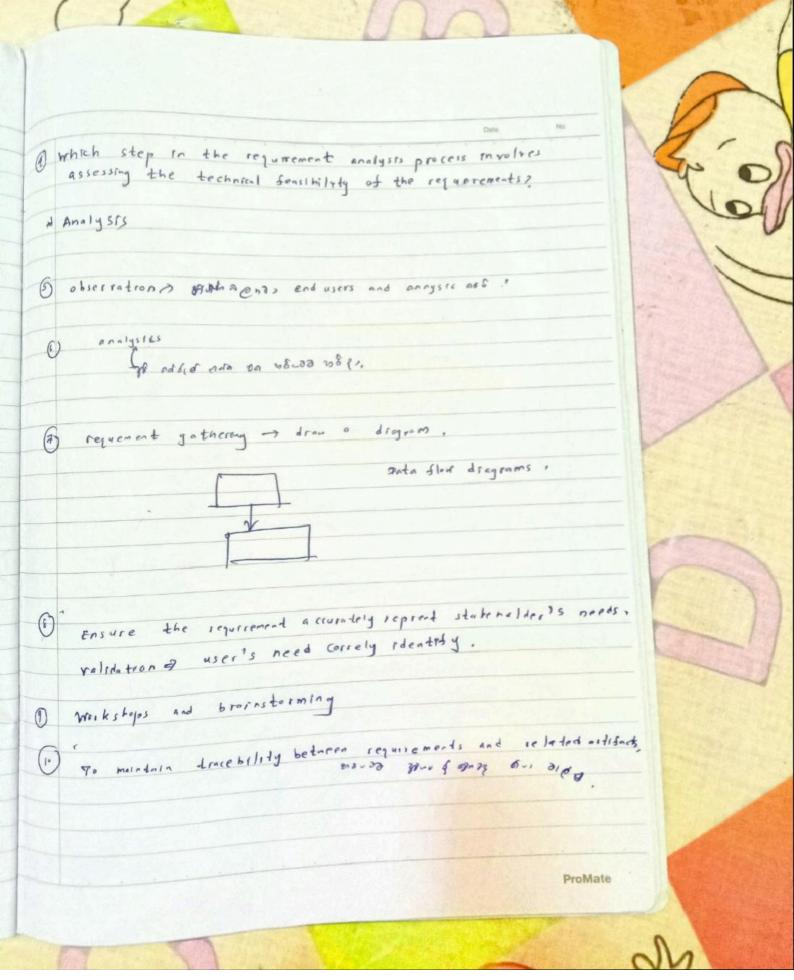
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0

(7)

ordering something requirement > client anondo need and xy 6,00 . (3) grateries Didocuments aysis & in antervier operated as men Witel time operation > real time operation. us arequirement collect. Tutorgal-07 Sitting agreement to provide the agreement to Define the main steps of Requirement Analysis Process? What are the techniques of Requirement Analysis Process? 0 Requirement Elicitation Documentation Regurrement Requerement Analysis Validation Regurrement Management . Requirement Priorrtization .... Communication () Requerement Regurrement Veri-dreater and validation, Requirent O Requerent Tracability. enlast that the Interrems Surverys and questionnasires Workshops and brainstorming ProMate obserradeons Prototyping



## System Analysis and Design. Tutorial-08

Questions

user and system and files request

- 1 What is a use case? @ Define the steps of use case methodology.
- Define the context of the basic use case description
- Write a use case for the following example.

User regulrements;

As a user, I want to register on an online chapping website to buy some accessories

## Answers

- It is commonly used in software development, systems enginee and project management to describe interactions between a system and als users or other system. It is a document.
- Inditisy the users type. What are theuser requenment. 3. Selectione user and desine their goal. Regiter 800 8 de yo obetion. Couster's alternate goals, what are systems out another users requements

User case name . Brief description Actors of not person . Basic Slow. P Allergate Stone (sometimes called extensions). p register sod sout ghaten onan no cont. pre - conditrons :- uscename and as account Bouth 22. post & conditions - path a regiler 3 ma work grandusua. log & site on log sa. addition information, other stakeholders System / sub- system special requirements (4)