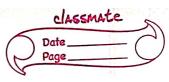
NAME: KRUNAL RANK ROLL No: 11860081 CLASS: DIECH JAH LEAR JEMESTER:--) | VISION :-

Software Engineering

Ansly A feasibility study is an analysis that considers all of a project's relevant factors-including economic technical legal and scheduling considerations - to ascertain the likelihood of completing the project successfully. · It assesses the practicality of proposed plan or project.
· A feasibility study contains many factors including economic,
technical, legal and scheduling to dotermine whother a Project can succeed. · It is a good idea to have configency plan in case of unforeseeable circumstances or if the original project is not feasible. Ans 2: A waterfall model is unsuitable for software development Decause of the following possible scenarios:

Once an application is in testing stage, it is very difficult to go back and change something that wasn't well thought . No working pothered is produced until late during the lifecyle. · High amounts of risk and uncertainity. · Not a good model for complex and object oriented projects. · Poor model for long and ongoing projects.
· Cannot accomodate projects that are dynamic and requires Prequent changes.

		Page
		The state of the s
	Ans 3;	The essence of prototyping model lies in the fact that "instead of freezing the requirements before a design or coding can proceed, a throwaway prototype is built to
		understand the vaguirements. Prototyping is an attractive idea for complicated and large systems for which there is no manual process or existing system to help determine the vaguirements.
	*	The state of the s
	Ans 4:	Rapid Application Development is a type of Increment model.
	а	an RAD model, the components or tunctions are exerciped
	đ	They can quickly give the customer something to see
		and their requirements.
	*.•	Phases:
		> Business modelling > Desta Modelling
	1 1	> Desta Modelling > Process Modelling Application Cheneration > Testing and turnover
		Application Generation Testing and turning
72		\ \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
19 1		Advantages: Reduced Development time Increases reusability of components Quick initial reviews Granus and many A III
		Increases reusability of components
		Quick initial reviews
		Encourages customer feedback



	Page
	Disadvantages:
•	Depends on a strong and highly competent team
,	Depends on a strong and highly competent team. Only system that can be modularized can be devaloped.
•	High dependency on modelling skills.
114	
1	Increment Model Waterfall Model
this Si	Need of detailed documentation · Need to detailed
7E)	
II.	much as compared to that necessary.
	N N
	In Naterfall model. In natural model carly 'In Naterfall model, early
	stage planning is highly stage planning is highly
	necessary as vell.
0	Low risk " tligh risk
	Short waiting time . Long time for time
	for sother yonning Sother are running.
	large projects.
	Flexibility to change is flexibility to change is less.
A Street	1 1 1 1
	Testing is done after Testing is done after
	every iteration. completion of coding.
Marie Marie	11 rea team is required. Lange team is reginized.
	Phases can be overlapped. Phases cannot be overlapped
ep.	
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