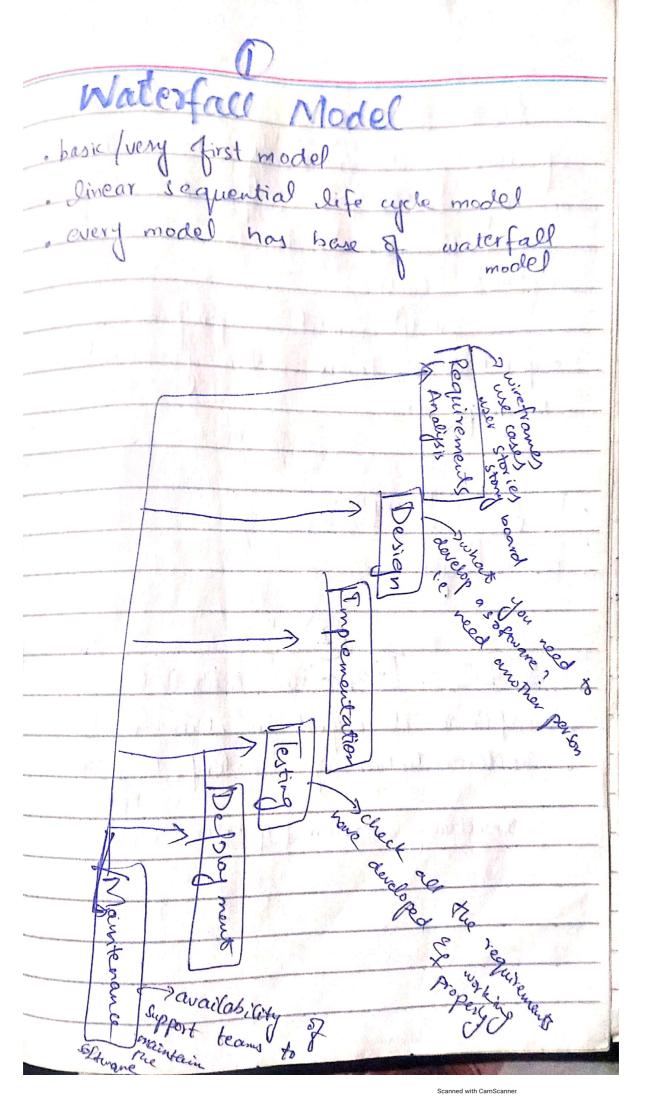
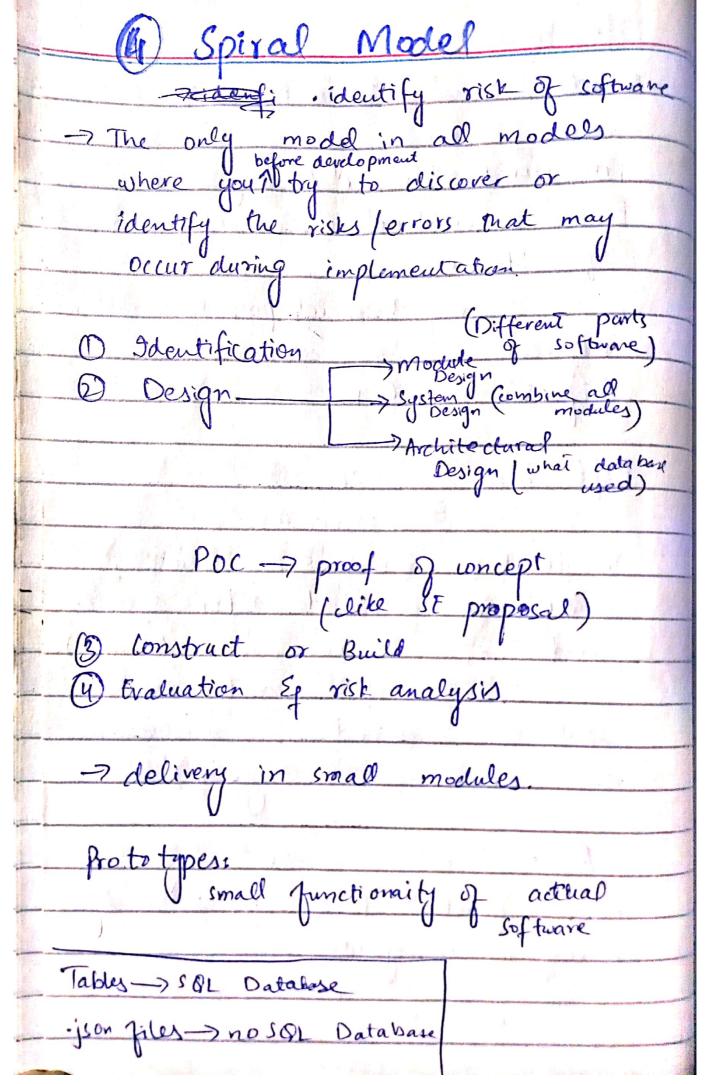
Suctom I	revelopment
SOLC -> System Development Life Cycle	
Life yole	
(How to develop software?)	
software!	
Agile Method:  5 most usable now a days	
6 most usable	now a days
serum - implementation of	
Agile Method	
include ustomer is development process  take ustomer's feedback  derring development period.	
derring develo	prient period.
The state of the s	
· If customer's change his mind	
during development process, Agile	
method is easy to	
	W
	SRS
	GSoftware Require-
	Crecify to
	Specification  Documents
	It includes
	. UML
	· user story
	o story - boards
	L. 410 COA44
	func requirements
	requirements

## Agile Method Ef Continuous Deliguery (call clients & discuss) @ working prototypes as progress (chunk of actual software Excellence and good design Focus on Simplicity (Simple Collution) is The best Loss under Solution) Self organizing Teams Encourage face to tace Interaction Deliver Frequently (Gantt Chart) Welcome Changing Requirements Sustainable Development Build Projects around Motivated Jaily collaboration Reflect on Team Behavior.

completion requirements? (maintain & 1 Planning deliver to telent) 6 Deployment SDLC (5) Testingo what we need, we need (1) Unit level (username, (9) Building password 1 Designing (choose language,) (4) Integration arountectural (comsined modules) implement software, then (iii) System (combined with other module) > Model you Contral arhitectural · most Data base Saftyare communicate Data UI - logic - cin (ontroller (1) takes input -Model (M) Processe Controller (() · yeturn output SDLC y combines all 6 (above mentioned) process.





V-Model Verification Es Validation Model checking if all ne requirements has been developed unit > module > architectural - system Design: Module Architectural low level Te CS campus CS compus, KSK, WHR · System combination A NO TO A PORT management system · Unit Testing Text I mal Text Special charcters (. @-Name Alphabet L Numeric X Alphabet L Special character X

Integration Testing: Testing all items of one module in-depth at a time. 1-e. sign-in Testing all modules at a Acceptance Testing: Uses use cases & test software according to user's wants · whether the user accept it for not V-model nighty dependent on testers · not-dynamic -> It is static

Sonot change at
run\_time requirements can't change

DIF blu waier fall Eg V-Model In waterfall, testing is
done after development.

Testing after requirements

Jamering/analysis or before coding.

32/4-25	
RAD (Rapid Application Development)	
-> different teams working on	
-> different teams working on aifferent modules	
=> Business Modeling	
how and when is the	
information processed	
=7 Data Modeling	
Market Market Control of the Control	
1	
Teview Eq analyze  =7 Process Modeling  any changes or  enhancements	
any changes or	
enhancements	
=7 Application Generation	
coding	
=> Testing and Turnover	
(Soldlivery)  Product	
1 product	

RAD Still Herative SDLC -> Software Prototype · build functionality in small chunks like (iterative or evaluate developer proposal => Basic Requirement Identificarequirements => Developing the initial protolype not exact function

=> Peview of the Prototype take user's Jeedback => Revise Ep Enhance the prototype time & budget Software Prototyping Types 115 Throw away Rapid Prototyping a know actual functionality · SRS already Mrow Evaluationary Prototyping (Base , breadboard prototyping 5 (main functionality

o create design of actual project 7 Not throw i) Incremental Prototyping

Make Sub-systems through
prototypes

Prototypes integrale to form
whole system Extreme Prototyping V) · DI developed firstry
· backend services layer

Loconnect with

database to Jorn

complete system

