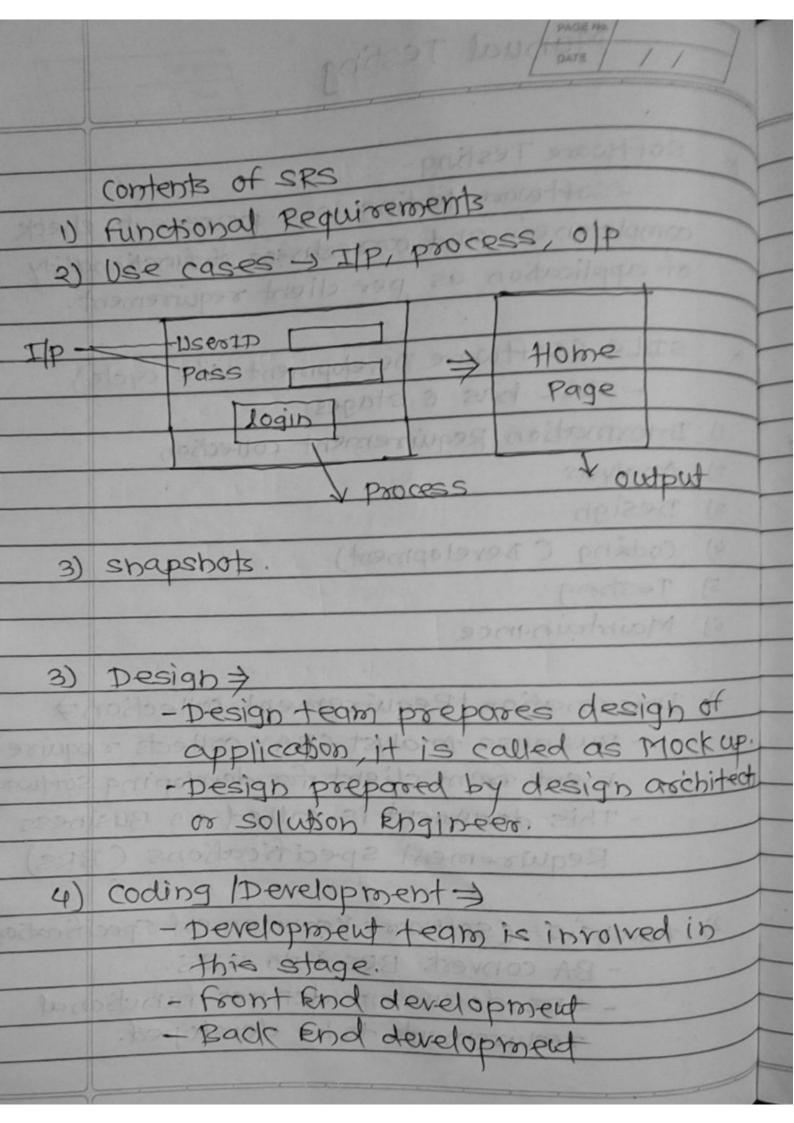
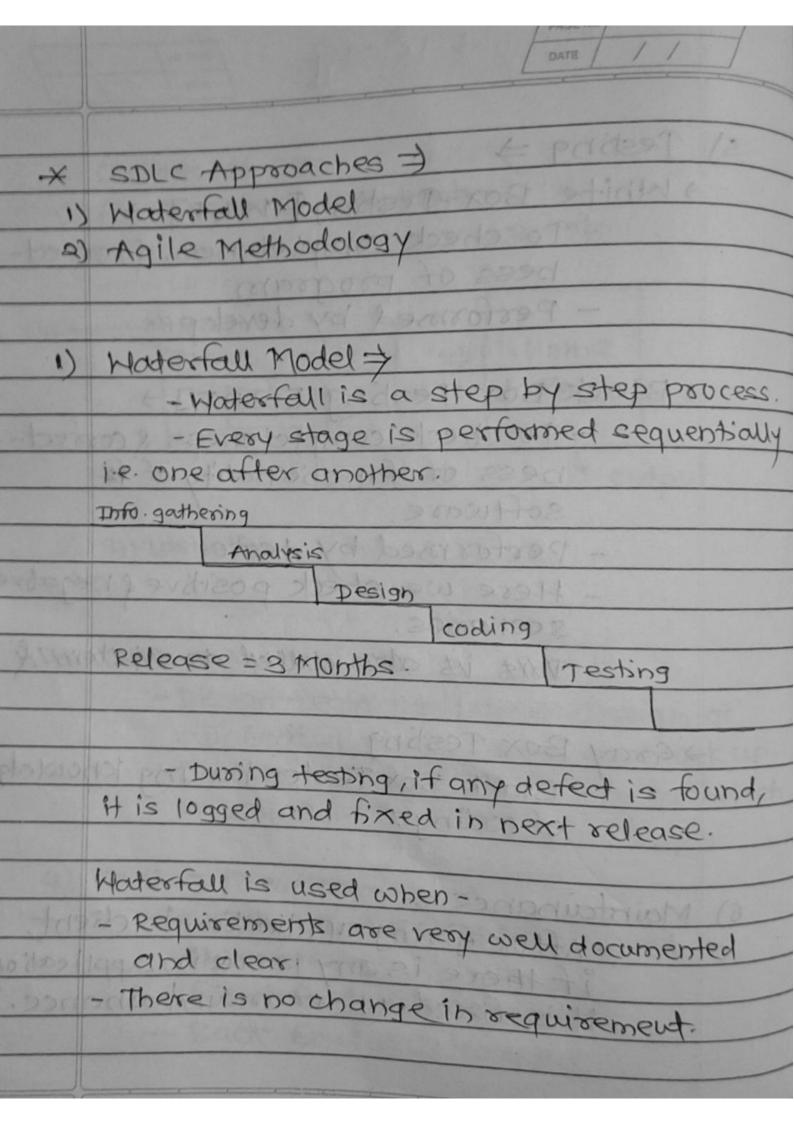
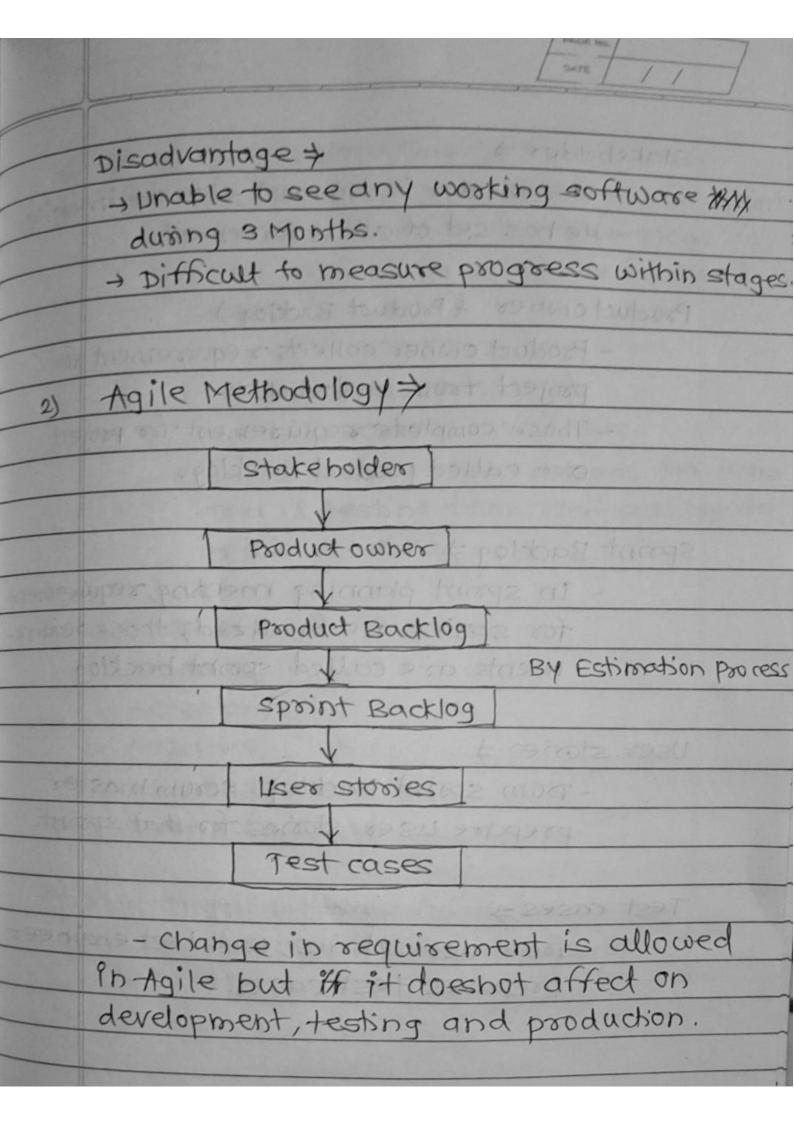
	Manual Testing
*	software Testing-
	- software testing is a process to check
	completeness and correctness of functionality
	of application as per client requirement.
*	SDLC (Software Development Life yde)
	- SDLC has 6 stages
1)	Information/Requirement collection
2)	Analysis
3)	Design
4)	(oding ( Development)
5)	Testing
6)	Maintainance
	to apieog (6
(1)	Information/Requirement collection>
1903	- Business Analyst (BA) collects require-
1001-14	ment from client for developing software
	- This document is called as Business
	Requirement specifications (BRS)
	6- topode part pails (P
2)	Analysis - (software Requirement specification)
-	- BA converts BRS into SRS.
	- SRS document defines functional
-	requirements to be developed.



[ mm / / / ] 5) Testing > Mhite Box Testing EWBT] > - To check completeness & corredness of program - Performed by developer. + Black Box Testing [BBT] + - To check completeness & correctness of functionality of for software - performed by tester - Here we check positive pregative scenarios. - THIS ITS ONLY ON THE SHIPLY AS SHIPLY EXHILL 7 Gray Box Testing - Black Box Tester having knowledge 6) Maintainance > - After giving application to dient, if there is any issue in application, it is fixed under maintainance.





FAGE NO.

#### Stakeholder >

- stakeholder is top most element in ogile,
- He has set of all requirement.

## Productowner & Product Backlog >

- Product owner collects requirement for project from stakeholder.
- Those complete requirement for project are called product backlog.

### sprint Backlog > months A

- In spoint planning meeting, requirement for spoint are finalized, those requirement ments are called spoint backlog.

#### User stories >

- from sprint backlog; scrum master prepare user stories for that sprint.

#### Test cases >

- from user stories, we test engineer prepares test cases.

[ m / // \* sprint Planning Meeting > - In this meeting, requirement for spoint are finalized i.e. sprint backlog. -) Requirement for spoint one finalized depending on - Client's priority -> Efforts required -> Resources available. -> Product owner, sour master, deviterm lead & testing team lead participate in this meeting. contests of user stories a X - summary - Acceptance criteria - Assignee withhill you - Test Engineer - story point it and some of X Advantages of Exprain Agile = - Change in requirement is allowed - sprintwise delivery

	PAGE No.
×	Test cases > [How to test ?]
iage.	- We are creating test cases in excel
	polytonisheet si hasilisaia att
hos	April - 200 tagge sof tagaragin pog 4
8.No.	User Module Test Test Expedie Actual sta
	story case steps Data Result Result
	box inpose stoffed to
xc	× × × × × × × × × × × × × × × × × × ×
ten	194 Costablina religion of the proof C
*	Smoke Testing (Build Verification Testing)
	- This is first testing performed on
	application
	- Here were are checking
	- Basic core functionalities
	- Tab navigation
	- Link validation
	- Page validation

- If smoke testing is passed, we

- If smoke the teating is failed,

will continue further testing.

we will reject build.

\* Functional Testing (System Testing)> - Here we are use to check all

functionalities with respect to client requirement. - Functional testing is also called as system testing.

- Functional testing is major part of testing. During this testing, we verify completeness and correctness of functionality with respect to customer requirements.

- In functional testing, we are xextying checking few coverages.

1) Behavior coverage >

- Here we check behavior of each each element.

Behavior Bement

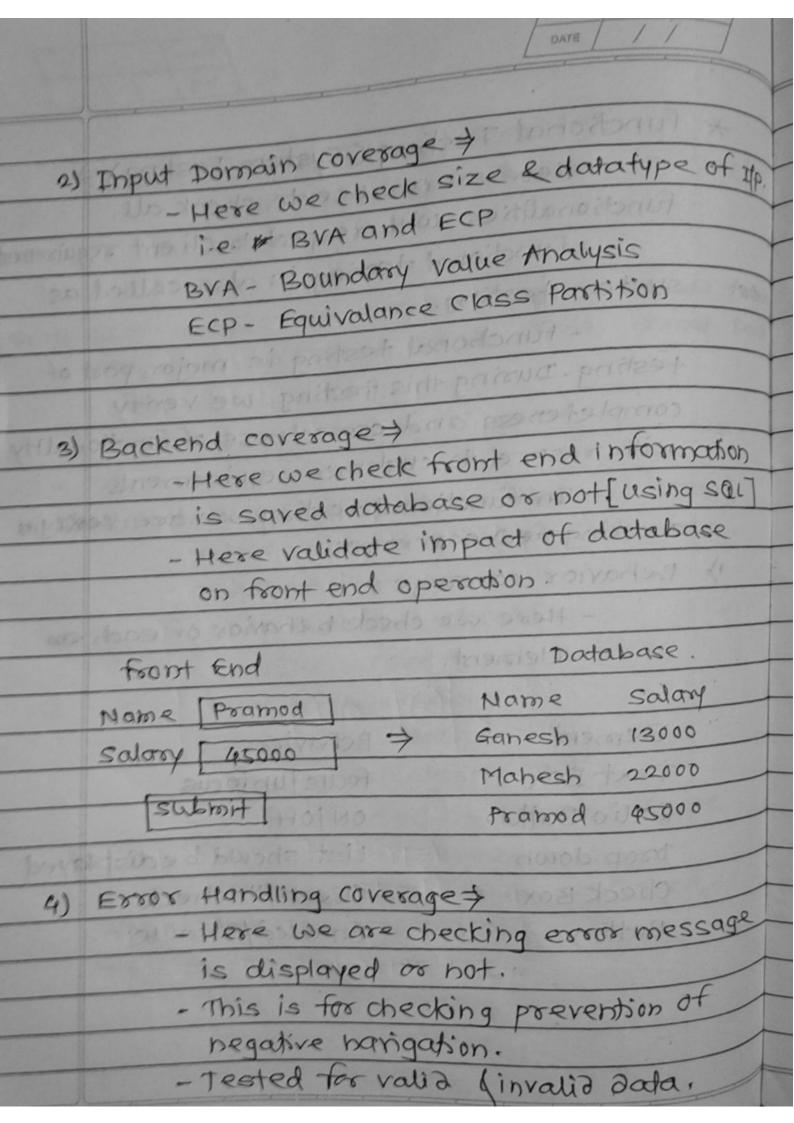
focus unfocus Text Box

ONIOFF Radio Button

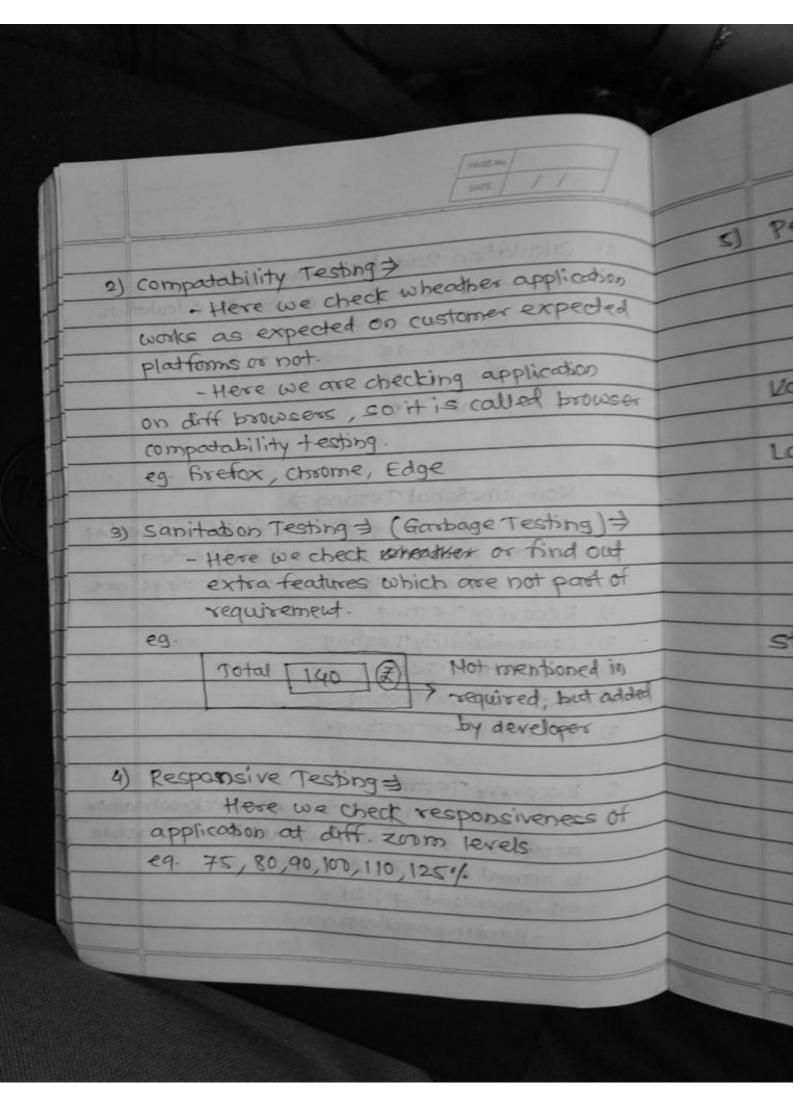
List should be displayed Drop down

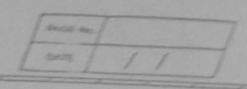
Check Box Check/Uncheck

Button Enabled/Disable



	PRICE NO.
5)	calculation Based coverage >
riod	- Here we check asithmatic calculation
h>6	eq. 9 manteus as halosque en solon
	Price 10 documents
	adapting ofy pard 1025 9815 500 98911
10 200	Total 20 sessed in a
	pades f- ytillalstograss
6)	ed birelox chaone edde
*	Non-functional Testing >
61	- After completion of functional testing
+110	we are going for non-functional testing.
わり	Promotional testings are
1)	Recovery Testing
2)	comparability Testing
3)	Sanitation Tooking
064	Responsive Testing
2)	Performance Testing
	123399
1)	Recovery Tecting
30	Recovery Testing
	- During this testing we check wheather
	application recovers from abnormal situation to normal situation or not.
	eg-Downloading PDF
	- Banking application
-	





# 5) Performance Testing >

- In Performance testing, we are giving load on application & checking its performance.
- Here load estress testing is done.

LOGERING VESTINGS

## Load Testing >

- Here we are applying load in terms of users (eq. 100 users) and checking performance of application.
  - This is performed on Intertal.

## stress Testing

- Here we are applying load on system and checking performance of application.

eq.

- \* Retesting and Regression Testing:
  - After fixing defect, we get modified build for testing.
  - -"To check that the bug is fixed or not on modified build is called Refesting."
- \* Regression Testing >
  - Regression testing means testing on modified build to ensure bug fix and to ensure side effects of bug fix."

Regression Testing occurs twice

- During functional Testing
- After functional testing 120 Before NAT
- During functional Testing >



If we find defect in module B, then we have to perform regression on modified build to check bug fix on module B and also check side effect on module A & C.

- After functional Testing/Before NAT >
  - We are going to start final regression before build goes to NAT.

- In regression testing

- 1) All failed test cases are tested again
- 2) All high priority test cases are tested
- 3) All medium priority test cases are tested
- 4) Testing team do not require to create test cases for regression testing.