2. Appium - mobile Appliations

3. DTP (QUIKE Test Rusession) /UBFT (Unisied Functional Testions)
- Despetor Related Applications IEX: ms assive Applications
4- Test Complete - Both web Based and Desktor web Based Applications
Based Applications

Page No.

2. Non functional Testins: is a sostware testing technique that check the non-Surctional atributes of the sistem.

The Checkins the non-Functional aspects of the applications.

Tyles of non-Functional Testing:

1. Performance Testins:

AThey add virtual number of users accessing the amplication simultanneously and at a same time to their the Regionance of applications.

\* Tools used (i) J-meter ---- often source Tool

(ii) Load Franco - -> Paid version

2. Load / Stress Testins :-

Process of adding load and Making the application stress is also Load/stress resting.

3. Usability Testing:-

To check how 900d the application is used stiends.

4. Accessibility Testing!

Fro check how good the application is accessible to different listers.

[Note: this testins mainly socus un physically challened replated to the state of the sta

## Principles of Sostware Testins:

- 1. Testins shows the presence of desect not their absence.
- 2. Exhagive testing is not Possible
  (Testing all the continuous at letter as in the
- 3. Fails testing saves time and momes.
- 4. Desacts cluster to sether.

  (concentrations the module even it is small which has more desacts and testins it throughly will raise as more desact).
- 5. Becare of pesticide Paradox

  (Awave of which module the testing is required. Don't special time in terring the module which doesn't have and defacts)
- 6. Testing is context defendent

  (whatever the application we are soind to test, we have to

  act pased on the context as what the application yelded to.
- 7. Absence of error is a fallacy.

Constraints are motchins with the Client reguirement).

DCE

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Software Development Lise cycle (SDLC) is a Process used by the software industry to design, develop and test high availty software.

Phases of SDLC.

1. Pequirement southering and analysis - Contract sign, client and marketing team. (BA)

3. Development - severoper develop the prostan.

4. Testing ----> STLC 5. Designment - Live avivonet 6. Objection and maintanence.

2. Design :-

Then a document will be PrePared Earled resign Scentistion details about Front and Boured.

details about Front and Back end could interact.

Development how to write 7 erocens

Then I device Botto, Codins language and they will do test Unit testing.

Testino:

STLC

DePlozent,

Program is Passed and it is ready for deployment the color and rejectance;

relaivs, and sixes of the software is it breaks.

SLTC OVERVIEW

Schence of activities conducted to Revsorm Sost-que restris.

--> Each of these stages have a definite fitry and txit (viteria.

Forms (viteria:-

Entry Criteria gives the Prerequisite items that must be completed before testing can begin.

Exit Criteria:

Exit criteria defines to items that must be completed before testins can be concluded.

phases of STLC:-

Q Search 🗐 🎒 🦰 🙋 🗗 🚫 🔘 🥌

1. Pervivement Analysis - Contracts, BR Document

2. Test Planpins - Finalized Score.

4. Test execution - Test Somition

5. Sign off. - Flection result perfect log.

1. fequivaments Analysis!

-> understand the veryments

-> clarification of doubts in every loss through challe

-> Identify types of fests to be revisioned

-> cost application access.

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2. Test Planino; -

\* Prefaution of test Pan downest for Various topes of testing.
Test
& Tools selection.

\* Resource Planovins.

3. Test design:

-> create text scenarious, test goes, outamation script, RTM

-) (veste Tert data.

> Perier test cases with Peer or lead.

4. Test Exections

-) Execute tests as Per Plan

> Dument test vesus. Sailous cases

- petast the Desect Sixas

5. 5;50 Off.

Etecution Result Defect 109

o Test veruit Analysis

Experiment No.:
Date: 3-12-323

## DCE

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Levels	20	Testing
MUEIS	05	1621111

--> The Esting done at Various levels and by whom it is done is called levels of Testing.

testins is completed only, we can say the application is ready

for release.

1. unit testing

2. Intervation Testins

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3. S/Hem Testing

4. Acceptance Testing

1. unit Festing:

-- > Testino an individual module in an amination.

--- Done by Developers

--- Test based on white Box Testins Technique.

--> the purpose of unit-testing is to test the correctness of isolated rode.

2. Interation Testing! -

-> DI-I is comparent with specified Sunctional Yesiyanat.

--- Combination or Mergins two modules

-- 7 Done by Testers

-- ) Test based on Black Box Testins Techniques

-) Big Bars Approach - combing all combination of units.

- - ) Top-down Approach - Hisher level . . . . ,

-- Bottom - vP 11 - Lover 1eve 1 /1 /1.

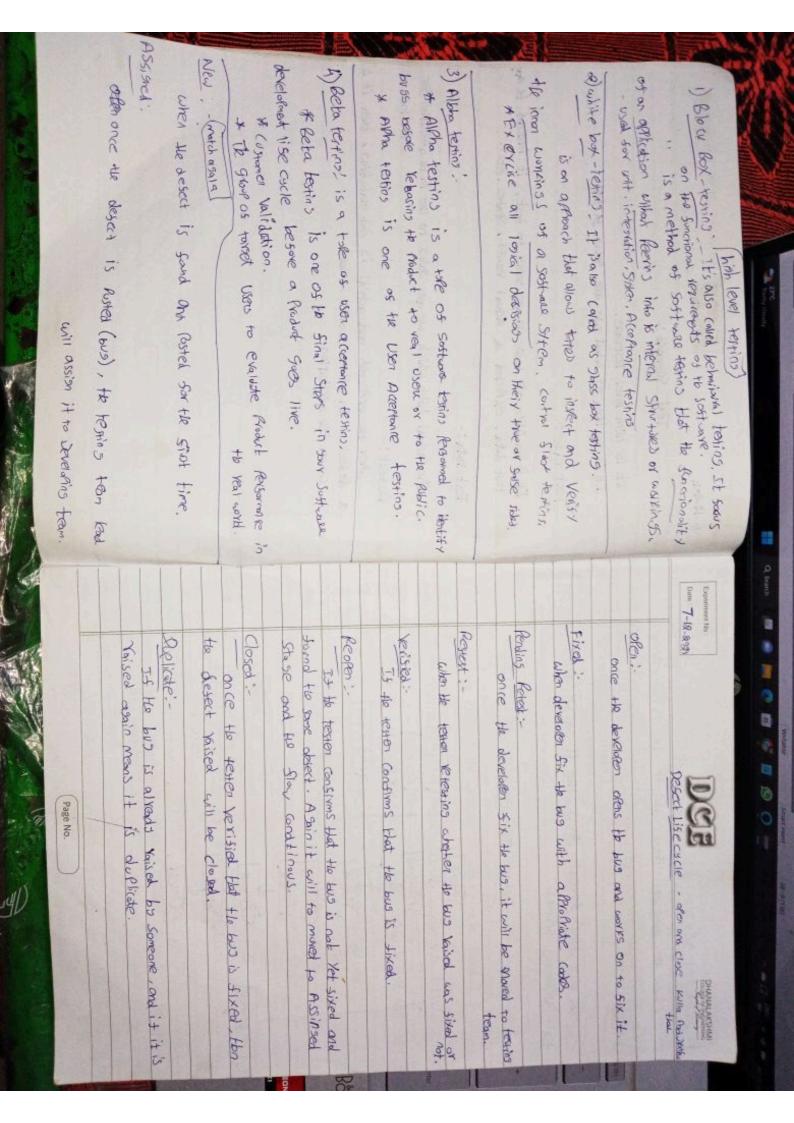
3. System Pestins:

-- -- Complete Amication Testing

-- ) Done by Testers.

Page No.

Waynouse, herboard and other Input devices UI Tostics 4. ACCORDING TEXAS: \* OI testing is about checking two things: -- If these 4 knells of testing is completed only, we can fact states \* Stissics Clast Assironat. -- ) Security esting . To test thether the application is sented to + Terris will be done at Developer / Terris Environent aris trail of and # --- Resonance toting - to text whether the afficient is not sating \* latting afficial for client \* UI testino 15 Reformed Manually or with an Automobal - Test last on flour box fethins fethingle - Dies of Stiff being. 1. how your application handles over actions revisited - o unbility terms - to ret whether to application is wer find -> (Viction) Texas - To text to first engines of the aprillar Chasted Ordown Who there is load / stress. and it is easily understight. taking is lampled. FOXISA! 000 6-12 AS Experiment No: lest asc: Test Bata:-Defect :-It is an idea of how we are soins to test, it indutes to an It is an idea of what we are soins to test The actual influt which we are sons to use in the application for test data. Exterior a althai verills, Status etc. desect. In other words, co It is high level Testage When the application when the expected and actual is not matchins, then it is Test Signavio: मञ्जा Page No. WHS STANFOLD testing. 800



Me offered Deserved -古 Rejected Not a Bug :-The bus which develope seels that it can be sixed later on when to develope their Ulcoming Strints. Sperest Cuipali Verisied (Josel) Retrest. 3 Assisted Fixe d Defect life code Ogs. 4 New 好好 2) Peirted >\Dulliate Det fame FIND A TONY bus is not Denvine 日本 日 〇 日 ~ 日 Low Scienty Highlighty -So stoken de fect. Bus Release: Low severity , Low Priority - Content Validation Sourity Tresteas Bus levine High scenity High Priority - login, South, Bymod etc Mosity: (Sevelators or Po High Severity, low (vioity) - Links . websites . ctc. Riority and severity: without Knowns I state husing stability termin than while winn the assect ashirt Explaining how severe the desect is soing to impact the How soon the detect is soins to be sited PASSON TON with known 5 to testen knowledge despute The sexual CON USER where over one by desect build Stop He testing "koulage the bus Direction has so view depot is obtained to doctionality. syrdes early をのちると、 afflication.

1. Equivalence Cosc Raytitioning Technique. - Positive and realized.
2. Decision Table Technique - used to fest system be havior for sor state.
3. State Transition Technique dissert inflat combinations, or basically b-basically because, be havior of the Soundary value Analysis System or application for dissert inflation.
5. Error Cruessing Technique. Verresentatives of Condition Passed in a boundary values Secure.
16. Adhoc Testing.