

# Manual Testing

1. Waterfall Model
2. Agile Model
3. SDLC (Software Development Life cycle)
4. STLC (Software Testing Life Cycle)
5. Bug life cycle
6. Types of testing
  - White box testing
  - Black box testing
  - Unit Testing
  - System Testing
  - Integration Testing
  - Acceptance testing
7. Smoke Testing
8. Sanity Testing
9. Retesting
10. Regression Testing
11. UAT Testing (User Acceptance testing)
12. Test Plan
13. Use case Test scenarios and test cases
14. Test case content
15. Sprint
16. Bug stages (Close, Reject, Referred, Not a defect)

Note: Bug tracking tools (JIRA, HP-ALM)

Domain: Health care real time knowledge.

## Database Testing

1. SQL Commands
  - DDL- Data Definition Language
  - DML-Data Manipulation Language
  - DCL-Data Control Language
  - DRL – Data Retrieving Language
2. Operators in SQL
3. Primary Key
4. Foreign Key
5. Aggregate Functions
6. Like operators

## 7. Joins

### Automation Testing:

1. Basics of java
2. Introduction of selenium
3. Selenium IDE
4. Selenium Features
5. Locators
6. X-path
7. Selenium Webdriver
8. Webdriver Commands
9. Running Test on Different drivers
10. Locating strategies
11. Handling Drop-Downs
12. Webdriver-Drag and Drop
13. Webdriver-Handling Alert
14. Scrolling a webpage
15. Webdriver-Browser Commands.
16. Webdriver-Navigation Commands
17. Webdriver- Web element Commands
18. Handling Radio buttons
19. Handling Check box
20. Selenium Assertions
21. Selenium Grid
22. Selenium Waits

### API Testing:

1. What is API?
2. Difference between Web service and Rest Service
3. HTTP Methods
4. Response Codes
5. Error Codes
6. Collections
7. Authentications