

Software Testing Assignment

Module–3(Testing on live application)

1. What is RDBMS?

Ans:- RDBMS stands for Relational Database Management System. RDBMS is the basis for SQL, and for all modern database systems like MS SQL Server, IBM DB2, Oracle, MySQL, and Microsoft Access.

2. What is SQL?

Ans:- SQL is Structured Query Language, which is a computer language for storing, manipulating and retrieving data stored in relational database. SQL is the standard language for Relation Database System. All relational database management systems like MySQL, MS Access, Oracle, Sybase, Informix, postgres and SQL Server use SQL as standard database language.

3. What is SQL Commands?

Ans:-

- **DDL** – Data Definition Language
- **DML** – Data Manipulation Language
- **DCL** – Data Control Language
- **DQL** – Data Query Language

4. What is Join?

Ans:- A join clause in SQL – corresponding to a join operation in relational algebra – combines columns from one or more tables into a new table. Informally, a join stitches two tables and puts on the same row records with matching fields.

5. Write a type of join?

Ans:-

- **INNER JOIN:** returns rows when there is a match in both tables.
- **LEFT JOIN:** returns all rows from the left table, even if there are no matches in the right table.
- **RIGHT JOIN:** returns all rows from the right table, even if there are no matches in the left table.
- **FULL JOIN:** returns rows when there is a match in one of the tables.

6. How Many constraint and describes it self

Ans:-

- Primary key - unique+not null,one primary key/table
- Default - Set Default value
- UNIQUE - Not Duplicate,null
- Check - validate the column
- NOT NULL - coulumn can't be null
- FORIEGN - refer the primary key of the other table

7. Difference between RDBMS vs DBMS

Ans:-

RDBMS	DBMS
RDBMS stand for Relational Database Management System	DBMS stand for Database Management System
RDBMS stores data in tabular form	DBMS stores data as file
Multiple data elements can be accessed at the same time	Data elements need to access individually
Data is stored in the form of tables which are related to each other	No relationship between data
Normalization is present	Normalization is not present
RDBMS supports distributed database	DBMS does not support distributed database
It deals with large amount of data	It deals with small quantity of data
It support multiple users	It support single user
Higher software and hardware necessities	Low software and hardware necessities
Example: <ul style="list-style-type: none">• XML• Window Registry, etc...	Example: <ul style="list-style-type: none">• MySQL• PostgreSQL• SQL Server• Oracle• Microsoft access

8. What is API Testing

Ans:- Application Programming Interface (API) is a software interface that allows two applications to interact with each other without any user intervention another definition , API (Application Programming Interface) is a computing interface which enables communication and data exchange between two separate software systems.

9. Types of API Testing

Ans:-

- **Open APIs:** These types of APIs are publicly available to use like OAuth APIs from Google. It has also not given any restriction to use them. So, they are also known as Public APIs.
- **Partner APIs:** Specific rights or licenses to access this type of API because they are not available to the public.
- **Internal APIs:** Internal or private. These APIs are developed by companies to use in their internal systems. It helps you to enhance the productivity of your teams.

10.What is Responsive Testing?

Ans:- A responsive web design involves creating a flexible web page that is accessible from any device, starting from a mobile phone to a tablet. Furthermore, a responsive web design improves users' browsing experience.

11.Which types of tools are available for Responsive Testing

Ans:-

- LT Browser
- Lambda Testing
- Google Resizer
- I am responsive
- Pixel tuner

12.What is the full form of .ipa, .apk

Ans:

- .ipa - iOS APP Store Package
- .apk - Android Application Package

13.How to create step for to open the developer option mode ON?

Ans:-

- Go to “Settings“
- Tap “About device”
- Tap “Software information”
- Tap “Build number” seven times
- Enter your pattern, PIN or password to enable the developer options menu
- The “Developer options” menus will now appear your setting menu
- To disable the developer options menu, tap the switch