**Module 3 (Testing on Live Application)**

* What is RDBMS

RDBMS is a relational database management system that maintains all the databases.

* What is SQL

SQL is the structured Query language of the system to store, change or delete data from the database. It is a language for RDBMS.

* Write SQL Commands

SQL commands are:

DDL (Data Definition Language)

1. CREATE- to create a table in
2. Drop- to drop out the whole table
3. ALTER- to change the specific information
4. TRUNCATE- to drop out a particular data from the table

DML ( Data Manipulate Language)

1. INSERT- to add data to a table
2. UPDATE- to update existing data from one to another
3. DELETE- to delete the specific column

DQL (Data Query Language)

1. SELECT- to see the data from the database

DCL (Data Control Language)

1. GRANT- to give permission for a data access
2. REVOKE- to revoke the given permission

TCL ( Transaction Control Language)

1. COMMIT- to save the database of all the transact
2. ROLLBACK- to stop the given permission to transact
3. SAVE PRINT- to save a particular data
4. TRANSACTION- to save the characteristics

* What is join?

Join is also used as a command for the database where a different table can be joined together as a combined database.

* Write the type of joins.

Type of joins are:

Right Join- where the left table joins with the right row of a table and writes all the right row

Inner join- rows written with each other when both table matches

Left Join- left table rows to join the right table’s left row where matches or not

Full Join- All the rows written together

* How Many constraints and describes itself
* Difference between RDBMS vs DBMS

|  |  |
| --- | --- |
| RDBMS | DBMS |
| RDBMS is manage the data in tabular form. | DBMS saves the data only as a file. |
| RDBMS supports the distribution of data when needed. | DBMS does not support the distribution. |
| RDBMS is a system to store a larger database | DBMS is to store a smaller amount of database. |

* What is API Testing

API is Application program interface testing to test the interface of any two application working properly but it works without the internet. API testing works on client and server concepts.

* Types of API Testing

Types of API are:

Open API: where there are no charges given for the interface everybody supposes to use it for free. Like we all are using different payment applications in other applications’ payment modes it Is a common example of Open API.

Partner API: Here partner API is considered between two companies or two projects. it could be of chargeable permissions.

Internal API: this is API considered within any team or project where the internal interface has possibly been done properly.

* What is Responsive Testing?

Responsive testing is to consider before the launching and after the development of software. This testing is should be carried out to test how well the software will perform in a different environment.

Here, we check the software/ website/application that how it will respond on different-different devices.

Like how will an application look and perform on mobile, laptop, desktop, and tablet? More specifically different mobiles, or different laptop models like that.

* Which types of tools are available for Responsive Testing

Tools available for responsive testing are:

LT browser

Lambda testing

Google resizer

I am responsive

Pixel tuner

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

Full form of .ipa- iOS application archive file

.apk- Android application package

* How to create a step to open the developer options mode ON?

To ON the developer options mode step should be:

1. Go to the setting on your phone
2. Noe select the developer options
3. Now on the button and click on USB debugging
4. Allow USB debugging
5. See on about phone you are now developer