Module 3 (Testing on Live Application)

• What is RDBMS?

A relational database is a type of database that stores and provides access to data points that are related to one another.

• What is SQL

SQL is a programming language used to communicate with and manipulate databases.

• Write SQL Commands

**Some of The Most Important SQL Commands**

* SELECT - extracts data from a database.
* UPDATE - updates data in a database.
* DELETE - deletes data from a database.
* INSERT INTO - inserts new data into a database.
* CREATE DATABASE - creates a new database.
* ALTER DATABASE - modifies a database.
* CREATE TABLE - creates a new table.

• What is join?

A JOIN clause is used to combine rows from two or more tables, based on a related column between them. Notice that the "CustomerID" column in the "Orders"

• Write type of joins?

There are four main types of JOINs in SQL: Inner JOIN, Left JOIN, Right JOIN, and Full JOIN.

* How many constraint and describes itself?

There are three constraint

1)Primary key :- **A primary key is used to ensure data in the specific column is unique**

2)Foreign key:- A foreign key is a column or a set of columns in a table whose values correspond to the values of the primary key in another table.

3)Unique Key:- A unique key **is a set of one or more than one fields/columns of a table that uniquely identify a record in a database table**.

• Difference between RDBMS vs DBMS

### Difference between RDBMS and DBMS

|  |  |
| --- | --- |
| **RDBMS** | **DBMS** |
| Data stored is in table format | Data stored is in the file format |
| Multiple data elements are accessible together | Individual access of data elements |
| Data in the form of a table are linked together | No connection between data |
| Normalisation is not achievable | There is normalisation |
| Support distributed database | No support for distributed databas |

• What is API Testing

API testing is a type of software testing that analyzes an application program interface (API) to verify that it fulfills its expected functionality

• Types of API Testing

There are mainly 3 types of API

1)Open APIs

2)Partner APIs

3)Internal APIs

• What is Responsive Testing?

A responsive web design involves creating a flexible web page that is accessible

from any device, starting from a mobile phone to a tablet.

• Which types of tools are available for Responsive Testing

1) LT Browser

2) Lembda Testing

3) Google Resizer

4) I am responsive

5) Pixel tuner

• What is the full form of ipa, apk

A file IPA document is used to test iOS applications even before it is a fully functional app, whereas an APK (Android Application Package) software is installed on Android devices.

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

1. At the start, open the **main menu** by swiping up.
2. Now find and pick the **Settings** app.
3. Next, move to **About phone**and find the**Version**part.
4. Hit on the **Build number**for about 10 times.
5. The last step is to move back to the **System settings**chapter and pick the **Developer options**part.
6. Perfect! You are now a **developer.**