**Module 3: Testing on Live Application**

1. **What is RDBMS**

**Ans:** The software used to store, manage, query, and retrieve data stored in a relational database is called a relational database management system (RDBMS).

1. **What is SQL?**

**Ans:** SQL is Structured Query Language, which is a computer language for storing, manipulating and retrieving data stored in relational database.

1. **Write SQL command**

**Ans:** 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.

DATABASE - creates a new database.

ALTER DATABASE - modifies a database.

CREATE TABLE - creates a new table.

1. **What is join?**

**Ans**: A JOIN clause is used to combine rows from two or more tables, based on a related column between them.

1. **Write type of joins**

**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.

1. **How Many constraint and describes it self**

**Ans :** [**NOT NULL CONSTRAINT**](https://www.tutorialspoint.com/sql/sql-not-null-constraint.htm) Ensures that a column cannot have a NULL value.

[**UNIQUE Key**](https://www.tutorialspoint.com/sql/sql-unique-key.htm) Ensures that all the values in a column are different.

P[**RIMARY Key**](https://www.tutorialspoint.com/sql/sql-primary-key.htm) Uniquely identifies each row/record in a database table

[**FOREIGN Key**](https://www.tutorialspoint.com/sql/sql-foreign-key.htm) Uniquely identifies a row/record in any another database table.

D[**EFAULT Constraint**](https://www.tutorialspoint.com/sql/sql-default-constraint.htm) Provides a default value for a column when none is specified.

1. **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

1. **Types of API Testing?**

**Ans:** There are mainly 3 types of API Testing

* Open APIs: These types of APIs are publicly available to use like O Auth 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.

1. **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. Considering this from a quality assurance perspective, a responsive web design requires thorough evaluation using a variety of devices before it is ready to go live.

1. **Which types of tools are available for Responsive Testing?**

**Ans:** LT Browser

* Lambda Testing
* Google Resizer
* I am responsive
* Pixel tuner

1. **What is the full form of .apk**

**Ans:** APK:  Android Application Package

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

**Ans:** 1) Go to Setting

2) Search developer options/ Click on 5 times on IOS number

3) USB debugging option on it

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