**MODULO -3 (Manual Test)**

1. **What is RDBMS?**

**A:** RDBMS stands for Relational Database Management System.

1. **What is SQL**

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

1. **Write SQL Commands**

**A:** SQL Commands are

1. **DDL** – Data Definition Language
2. **DML** – Data Manipulation Language
3. **DCL** – Data Control Language
4. **DQL** – Data Query Language
5. **What is join?**

**A:** Joins are a fundamental concept in databases used to combine rows from two or more tables based on a related column between them.

1. **Write type of joins.**

**A:** Types of joins

* **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**

**A:** **Constraints are**

* **NOT NULL**: Prevents null values from being entered into a column
* **UNIQUE:** Prevents duplicate values from being entered into a column
* **PRIMARY KEY:** A column or combination of columns that has the same properties as a unique constraint
* **FOREIGN KEY:** Prevents actions that would destroy links between tables
* **CHECK:** Defines a requirement for a column that every value entered into it must meet
* **DEFAULT:** Sets a default value for a column if no value is specified

1. **Difference between RDBMS vs DBMS**

**A:**

|  |  |  |
| --- | --- | --- |
| **Si. No** | **DBMS** | **RDBMS** |
| **1** | DBMS Stands for Data Base Management System | RDBMS Stands for Relational Data Base Management System |
| **2** | DBMS applications store data as file. | RDBMS applications store data in a tabular form. |
| **3** | DBMS uses file system to store data, so there will be no relation between the tables. | in RDBMS, data values are stored in the form of tables, so a relationship between these data values will be stored in the form of a table as well. |
| **4** | DBMS does not support distributed database. | RDBMS supports distributed database. |
| **5** | DBMS is meant to be for small organization and deal with small data. it supports single user. | RDBMS is designed to handle large amount of data. it supports multiple users. |
| **6** | In DBMS, data is generally stored in either a hierarchical form or a navigational form. | In RDBMS, the tables have an identifier called primary key and the data values are stored in the form of tables. |
| **7** | DBMS does not apply any security with regards to data manipulation. | RDBMS defines the integrity constraint for the purpose of ACID (Atomicity, Consistency, Isolation and Durability) property. |

1. **What is API Testing**

**A:** Application Programming Interface (API) is a software interface that allows two applications to interact with each other without any user intervention

1. **Types of API Testing**

**A:** Types Of API

* **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.

1. **What is Responsive Testing?**

**A:** Software testers may find it challenging to perform responsive design testing as a variety of factors are to be looked into during the testing phase.

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

**A: Responsive Testing Tools are**

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

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

**A**: Full Form Of .ipa is iOS App Store Package

Full form of .apk is APK file stands for (Android Application Package).

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

A: **step for to open the developer option mode ON?**

* Go to "Settings"
* Tap "About device" or "About phone"
* Tap “Software information”
* Tap “Build number” seven times. ...
* Enter your pattern, PIN or password to enable the Developer options menu.