Module - 3 Testing on Live Application

1. What is RDBMS

**Ans. :** RDBMS stands for Relational Database Management System. A Relational database management system (RDBMS) is a database management system (DBMS) that is based on the relational model as introduced by E. F. Codd.

1. What is SQL

**Ans. :** SQL stands for Structured Query Language. SQL is an ANSI standard computer language. SQL can Create, Update, retrieve, delete data from a database.

1. Write SQL Commands

**Ans. :** DDL – Data Definition Language, DML – Data Manipulation Language, DCL – Data Control Language, DQL – Data Query Language.

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, LEFT JOIN, RIGHT JOIN, FULL JOIN

1. How Many constraint and describes it self.

**Ans. : (1)** NOT NULL : This constraint tell that we cannot store a null value in a column.

**(2)** UNIQUE : This constraint when specified with a column, tells that all the values in the column must be unique.

**(3)** PRIMARY KEY : A primary key is a field which can uniquely identify each row in a table.

**(4)** FOREIGN KEY : A Foreign key is a field which can uniquely identify each row in a another table.

**(5)** CHECK : This constraint helps to validate the values of a column to meet a particular condition.

**(6)** DEFAULT : This constraint specifies a default value for the column when no value is specified by the user.

**7.** Difference between RDBMS vs DBMS

**Ans. :**

|  |  |
| --- | --- |
| **RDMS** | **DBMS** |
| RDBMS store 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. |
| RDBMS supports distributed database. | DBMS does not support distributed database. |
| There exists multiple levels of data security in a RDBMS. | The data in a DBMS is subject to low security levels with regards to data manipulation. |

1. What is API Testing.

**Ans. :** API is a computing interface which enables communication and data exchange between two separate software systems. 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.

**Ans. :** Open APIs, Partner APIs, Internal APIs

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. a responsive web design improves users’ browsing experience.

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

**Ans. :** LT Browser, Lembda Testing, Google Resizer, I am responsive, Pixel tuner

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

**Ans. :** Ipa **:** Intelligent Process Automation

.apk **:**  Android Application Package

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

**Ans. : Step 1:** Go to Settings > About phone.

**Step 2:** Scroll down to Build number.

**Step 3:** Tap Build number seven times. After the first few taps, you should see the steps counting down until you unlock the developer options. You may also have to tap in your PIN for verification.

**Step 4:** Once developer options are activated, you will see a message that reads, You are now a developer.