Module 3 (Testing on Live Application)

• What is RDBMS

its store data in the form of tables(rows and columns), with most commercial relational database management systems using Structured Query Language (SQL) to access the database. Or An RDBMS is a type of database management system (DBMS) that stores data in a row-based table structure which connects related data elements.

• What is SQL

Structured Query Language): is a domain-specific language used in programming and designed for managing data held in a relational database management system .

• Write SQL Commands

1) DDL : Data Definitaion Lang. : create table, create database, use , truncate etc.

2) DML : Data Manipulation Lang. : insert , update, delete

3) DQL : Data Query Lang. : select

4) DCL/TCL : Data/Transactional Control Lang. : commit, rollback etc..

• What is join?

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

• Write type of joins.

(INNER) JOIN: Returns records that have matching values in both tables

LEFT (OUTER) JOIN: Returns all records from the left table, and the matched records from the right table

RIGHT (OUTER) JOIN: Returns all records from the right table, and the matched records from the left table

FULL (OUTER) JOIN: Returns all records when there is a match in either left or right table

• How Many constraint and describes it self

primary key : unique + not null

foreign key : its depends on primary table

unique key : only unique value : blank allow

check : condition you should apply

not null : no to be blank

default : fixed value

index : when you searching some record at that time apply indexing

• Difference between RDBMS vs DBMS

|  |  |
| --- | --- |
| **DBMS** | **RDBMS** |
| Data is stored in a database management system (DBMS) as a file | Tables are used to store information |
| Data is stored in a database management system (DBMS) in either a navigational or hierarchical format | RDBMS employs a tabular format, with column names as headers and associated data as rows |
| Software and hardware requirements are minimal | Higher hardware and software requirements are required |
| Normalization is not supported by DBMS. | A relational database management system (RDBMS) can be normalised. |

• What is API Testing

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.

• 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. 354

**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.

• 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

• LT Browser

• Lembda Testing

• Google Resizer

• I am responsive

• Pixel tuner

• What is the full form of .ipa, .apk

Ipa = iOS package App Store

.apk=Android Application Package

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

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.