MODULE 3

ASSIGNMENT

TESTING ON LIVE APPLICATION

NAME : RATHOD PURVI

1) What is RDBMS ?

Answer : RDBMS stands for Relational Database Management System.
RDBMS is the basis for SQL and for all Modern database systems like MS SQL.

2) What is SQL?

Answer : SQL is structured Query Language, which is a computer language for storing, manipulating and retrieving data stored in relational databases.

3) Write SQL commands ?

Answer : There are 4 commands :
1. DDL : Data definition Language
2. DML : Data manipulation language
3. DCL : Data control language
4. DQL : Data query language

4) What is join ?

Answer : SQL join is a command clause that records from two or more tables in the database. It means combining data in fields from two tables by using common tables.

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5)Write type of joins ?

Answer :

- **Inner join :** return rows when there is a match in both tables.
- **Left join :** return all rows from the left table, even if there are no matches in the right table.
- **Right join :** return all rows from the right table , even if there are no matches in the left table
- **Full join :** return rows when there is a match in one of the tables .

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6) How many constraints and describe it self.

Answer :

SR NO	COMMAND	USE
1	CREAT	Create a new tables
2	ALTER	Modify an existing database object
3	DROP	Delete an entire table
4	SELECT	Retrieves certain records from the one or more tables
5	INSERT	Create a record

7	UPDATE	Modify a record
8	DELETE	Delete a record
9	GRANT	Gives a privilege a user
10	REVOKE	Takes back privileges granted from user

7)Different between RDBMS and DBMS

Answer :

DBMS	RDBMS
The data is saved in the file format	The data is saved in the table format
Individual data element access	Multiple data elements are available at the same time
There is no support for disturbing databases.	Database support for disturbing systems
The amount of data stored is small	A large amount of data is stored.

8)What is API Testing ?

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

9)Types of API Testing ?

Answer :

There are 3 types of API testing

1. Open APIs : these types of API are publicly available
2. Partner APIs : specific rights or licences to access them
3. Internal APIs : internal or private, these APIs are developed by companies To use in their internal.

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10)What is Responsive Testing?

Answer : a responsive web design involves creating a flexible web pages that is accessible from any device, starting from mobile phone or a tablet .

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11)Which types of tools are available for Responsive Testing ?

Answer : there are 5 types of responsive testing tools
- LT browser
- Lembda testing
- Google resizer
- I am responsive
- Pixel tuner

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12)What is the full form of .ipa, .apk ?

Answer : .ipa means : iOS app storge package
: .apk means : android application package

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

Answer :
- 1) open phone setting
- 2) go to about phone
- 3) click on software information
- 4) check build number their or not
- 5) click on build number for 7 time
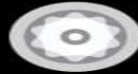- 6) message is successful you are now developer
- Some screen is here

Settings

S-capture, Smart Motion,
Accessibility

Safety & emergency
Emergency SOS, medical info,
alerts

Digital Wellbeing & parental controls
Screen time, app timers, bedtime schedules

Google
Services & preferences

Accounts
vivo account, other accounts

System
System navigation, languages & input, backup

About phone
vivo Y21T

Software information

Model
V2135

Serial number
15933639170012F

Hardware version
MP_0.1

Build number
PD2142F_EX_A_13.1.20.0.W30

Baseband version
MPSS.HA.1.1.c2-00012-KD_ALL_PACK-
1.6347.143

Kernel version
4.19.157-perf+
#1 Tue Mar 4 13:01:47 CST 2025

Compile time
Mar 4, 2025 9:53:42 AM

Android security update
March 1, 2025