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SR.NO	Project NAME	Technology
1	Online E-Learning Platform Hub	React+Springboot+MySql
2	PG Mates / RoomSharing / Flat Mates	React+Springboot+MySql
3	Tour and Travel management System	React+Springboot+MySql
4	Election commition of India (online Voting System)	React+Springboot+MySql
5	HomeRental Booking System	React+Springboot+MySql
6	Event Management System	React+Springboot+MySql
7	Hotel Management System	React+Springboot+MySql
8	Agriculture web Project	React+Springboot+MySql
9	AirLine Reservation System / Flight booking System	React+Springboot+MySql
10	E-commerce web Project	React+Springboot+MySql
11	Hospital Management System	React+Springboot+MySql
12	E-RTO Driving licence portal	React+Springboot+MySql
13	Transpotation Services portal	React+Springboot+MySql
14	Courier Services Portal / Courier Management System	React+Springboot+MySql
15	Online Food Delivery Portal	React+Springboot+MySql
16	Muncipal Corporation Management	React+Springboot+MySql
17	Gym Management System	React+Springboot+MySql
18	Bike/Car ental System Portal	React+Springboot+MySql
19	CharityDonation web project	React+Springboot+MySql
20	Movie Booking System	React+Springboot+MySql

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21	Job Portal web project	React+Springboot+MySql
22	LIC Insurance Portal	React+Springboot+MySql
23	Employee Management System	React+Springboot+MySql
24	Payroll Management System	React+Springboot+MySql
25	RealEstate Property Project	React+Springboot+MySql
26	Marriage Hall Booking Project	React+Springboot+MySql
27	Online Student Management portal	React+Springboot+MySql
28	Resturant management System	React+Springboot+MySql
29	Solar Management Project	React+Springboot+MySql
30	OneStepService LinkLabourContractor	React+Springboot+MySql
31	Vehical Service Center Portal	React+Springboot+MySql
32	E-wallet Banking Project	React+Springboot+MySql
33	Blogg Application Project	React+Springboot+MySql
34	Car Parking booking Project	React+Springboot+MySql
35	OLA Cab Booking Portal	React+NextJs+Springboot+MySql
36	Society management Portal	React+Springboot+MySql
37	E-College Portal	React+Springboot+MySql
38	FoodWaste Management Donate System	React+Springboot+MySql
39	Sports Ground Booking	React+Springboot+MySql
40	BloodBank mangement System	React+Springboot+MySql

41	Bus Tickit Booking Project	React+Springboot+MySql
42	Fruite Delivery Project	React+Springboot+MySql
43	Woodworks Bed Shop	React+Springboot+MySql
44	Online Dairy Product sell Project	React+Springboot+MySql
45	Online E-Pharma medicine sell Project	React+Springboot+MySql
46	FarmerMarketplace Web Project	React+Springboot+MySql
47	Online Cloth Store Project	React+Springboot+MySql
48	Train Ticket Booking Project	React+Springboot+MySql
49	Quizz Application Project	JSP+Springboot+MySql
50	Hotel Room Booking Project	React+Springboot+MySql
51	Online Crime Reporting Portal Project	React+Springboot+MySql
52	Online Child Adoption Portal Project	React+Springboot+MySql
53	online Pizza Delivery System Project	React+Springboot+MySql
54	Online Social Complaint Portal Project	React+Springboot+MySql
55	Electric Vehical management system Project	React+Springboot+MySql
56	Online mess / Tiffin management System Project	React+Springboot+MySql
57		React+Springboot+MySql
58		React+Springboot+MySql
59		React+Springboot+MySql
60		React+Springboot+MySql

Spring Boot + React JS + MySQL Project List

Sr.No	Project Name	YouTube Link
1	Online E-Learning Hub Platform Project	https://youtu.be/KMjyBaWmgzg?si=YckHuNzs7eC84-IW
2	PG Mate / Room sharing/Flat sharing	https://youtu.be/4P9clHg3wvk?si=4uEsi0962CG6Xodp
3	Tour and Travel System Project Version 1.0	https://youtu.be/-UHOBywHaP8?si=KHHfE_A0uv725f12
4	Marriage Hall Booking	https://youtu.be/VXz0kZQi5to?si=IIOS-QG3TpAFP5k7
5	Ecommerce Shopping project	https://youtu.be/vJ_C6LkhrZ0?si=YhcBylSErvdn7paq
6	Bike Rental System Project	https://youtu.be/FlzsAmIBCbk?si=7ujQTJqEgkQ8ju2H
7	Multi-Restaurant management system	https://youtu.be/pvV-pM2Jf3s?si=PgvnT-yFc8ktrDxB
8	Hospital management system Project	https://youtu.be/lynlouBZvY4?si=CXzQs3BsRkjKhZCw
9	Municipal Corporation system Project	https://youtu.be/cVMx9NVyl4I?si=qX0oQt-GT-LR_5jF
10	Tour and Travel System Project version 2.0	https://youtu.be/_4u0mB9mHXE?si=gDiAhKBowi2gNUKZ

Sr.No	Project Name	YouTube Link
11	Tour and Travel System Project version 3.0	https://youtu.be/Dm7nOdpasWg?si=P_Lh2gcOFhlyudug
12	Gym Management system Project	https://youtu.be/J8_7Zrkg7ag?si=LcxV51ynfUB7OptX
13	Online Driving License system Project	https://youtu.be/3yRzsMs8TLE?si=JRI_z4FDx4Gmt7fn
14	Online Flight Booking system Project	https://youtu.be/m755rOwdk8U?si=HURvAY2VnizlyJlh
15	Employee management system project	https://youtu.be/ID1iE3W_GRw?si=Y_jv1xV_BljhrD0H
16	Online student school or college portal	https://youtu.be/4A25aEKfei0?si=RoVgZtxMk9TPdQvD
17	Online movie booking system project	https://youtu.be/Lfjv_U74SC4?si=fiDvrhhrjb4KSIsm
18	Online Pizza Delivery system project	https://youtu.be/Tp3izreZ458?si=8eWAOzA8SVdNwlyM
19	Online Crime Reporting system Project	https://youtu.be/0UlzReSk9tQ?si=6vN0e70TVY1GOwPO
20	Online Children Adoption Project	https://youtu.be/3T5HC2HKyT4?si=bntP78niYH802I7N

DATABASE -2

Total points 31/40 ?

Marks :40 , Time: 1 hr

Name *

Shubham Ravindra Khade

12 - DIGIT PRN *

230940520082

✓ An attribute or combination of attributes in one table whose values must either match the primary key in another table or be null is called _____. 1/1

- ☐ Secondary Key
- ☐ Super key
- ☐ Candidate Key
- ☒ Foreign Key



✗ A transaction state changes from active to_____, after the transaction has 0/1 been rolled back and the database restored to its state prior to the start of the transaction.

- ☐ a. Partially committed
- ☒ b. Committed
- ☐ c. Aborted
- ☐ d. Failed

✗

Correct answer

- ☒ c. Aborted

✓ How is specialization denoted in an ER Diagram?

1/1

- ☒ a. Triangle labeled IS A
- ☐ b. Rectangle labeled IS A
- ☐ c. Rectangle Labeled HAS A
- ☐ d. Triangle labeled HAS A

✓

✓ What stores the metadata about the structure of the database, in particular 1/1 the schema of the database?

- ☐ a. Indices
- ☐ b. Database log
- ☐ c. Data files
- ☒ d. Data Dictionary

✓



✓ What is a schedule for a set of transactions?

1/1

- ☐ a. It consists of all instructions of those transactions.
- ☐ b. It preserve the order in which the instructions appear in each individual transaction.
- ☒ c. Both a and b
- ☐ d. None of these



✓ Which is the correct SQL syntax from the following to create a PRIMARY KEY constraint on existing table "EMPLOYEE" on "EMPID" column and currently column does not contain any value?

1/1

- ☐ a. Alter table EMPLOYEE Add Constraint PK - EMPID Primary Key, EMPID;
- ☐ b. Update table EMPLOYEE Add Constraint PK - EMPID Primary Key (EMPID);
- ☒ c. Alter table EMPLOYEE Add Constraint PK - EMPID Primary Key (EMPID);
- ☐ d. Alter table EMPLOYEE Add Constraint PK - EMPID Primary Key, (EMPID);



✓ What information is not provided by a data dictionary?

1/1

- ☐ a. How data is used
- ☐ b. Where data is located
- ☒ c. Size of storage disk
- ☐ d. Who owns or is responsible for data



✓ How can a tuple be divided in a relational schema?

1/1

- ☒ a. Domains
- ☐ b. Queries
- ☐ c. Relations
- ☐ d. Joins



1/1

A relation is in this form if it is in BCNF and has no multivalued dependencies.

- ☐ second normal form.
- ☐ third normal form.
- ☒ fourth normal form.
- ☐ domain/key normal form.



✗ Which of the following is a group of one or more attributes that uniquely identifies a row?

0/1

- ☐ A. Key
- ☐ B. Determinant
- ☒ C. Tuple
- ☐ D. Relation



Correct answer

- ☒ A. Key





1/1

In the relational model, relationships between relations or tables are created by using:

- ☐ A. composite keys.
- ☐ B. determinants.
- ☐ C. candidate keys.
- ☒ D. foreign keys.



Which of the following is not a restriction for a table to be a relation?

1/1

- ☐ A. The cells of the table must contain a single value.
- ☐ B. All of the entries in any column must be of the same kind.
- ☒ C. The columns must be ordered.
- ☐ D. No two rows in a table may be identical.



A relation in this form is free of all modification anomalies.

0/1

- ☐ A. First normal form
- ☒ B. Second normal form
- ☐ C. Third normal form
- ☐ D. Domain/key normal form



Correct answer

- ☒ D. Domain/key normal form



✓ A tuple is a(n):

1/1

- ☐ A. column of a table.
- ☐ B. two dimensional table.
- ☒ C. row of a table.
- ☐ D. key of a table.

✓

✓ Which of the following indicates the maximum number of entities that can be involved in a relationship? 1/1

- ☐ A. Minimum cardinality
- ☒ B. Maximum cardinality
- ☐ C. ERD
- ☐ D. Greater Entity Count (GEC)

✓

✓ Which type of entity cannot exist in the database unless another type of entity also exists in the database, but does not require that the identifier of that other entity be included as part of its own identifier? 1/1

- ☒ A. Weak entity
- ☐ B. Strong entity
- ☐ C. ID-dependent entity
- ☐ D. ID- independent entity

✓



✓ Which of the following refers to something that can be identified in the users' work environment, something that the users want to track? 1/1

- ☒ A. Entity ✓
- ☐ B. Attribute
- ☐ C. Identifier
- ☐ D. Relationship

✓ The DBMS acts as an interface between what two components of an enterprise-class database system? 1/1

- ☒ A. Database application and the database ✓
- ☐ B. Data and the database
- ☐ C. The user and the database application
- ☐ D. Database application and SQL

✓

1/1

A DBMS that combines a DBMS and an application generator is _____ .

- ☐ A. Microsoft's SQL Server
- ☒ B. Microsoft's Access ✓
- ☐ C. IBM's DB2
- ☐ D. Oracle Corporation's Oracle





0/1

You have run an SQL statement that asked the DBMS to display data in a table named USER_TABLES. The results include columns of data labeled "TableName," "NumberOfColumns" and "PrimaryKey." You are looking at

- ☒ A. user data.
- ☐ B. metadata
- ☐ C. A report
- ☐ D. indexes



Correct answer

- ☒ B. metadata

✓ which of the following is a correct SQL query

1/1

- ☐ A) Select * from emp where eid=100 , ename='a'
- ☐ B) Select * from emp where eid=100 ename='a'
- ☐ C) Select * where eid=100 and ename='a' from emp
- ☒ D) Select * from emp where eid=100 and ename='a'



✗ How many null values can a unique key column have in MySQL

0/1

- ☐ A) Multiple
- ☐ B) 0
- ☒ C) 1
- ☐ D) 2

✗

Correct answer

- ☒ A) Multiple

✓ which of the following set operators are supported by MySQL

1/1

- ☒ A) Union
- ☐ B) Intersect
- ☐ C) Minus
- ☐ D) Except

✓

✗ 4NF is designed to cope with:

0/1

- ☐ A) Transitive dependency
- ☒ B) Join dependency
- ☐ C) Multi valued dependency
- ☐ D) None of these

✗

Correct answer

- ☒ C) Multi valued dependency



✓ In a relational database a referential integrity constraint can be specified with the help of 1/1

- ☐ A) primary key
- ☒ B) foreign key
- ☐ C) secondary key
- ☐ D) none of the above



✗ A Function that has no partial dependencies is in 0/1

- ☐ A) 3NF
- ☐ B) 2NF
- ☐ C) 4NF
- ☒ D) BCNF



Correct answer

- ☒ B) 2NF

✓ If every non-key attribute is functionally dependent on the entire primary key, then the relation will be in: 1/1

- ☐ A) 3NF
- ☒ B) 2NF
- ☐ C) 4NF
- ☐ D) BCNF



✓ Third normal form is based on the concept of

1/1

- ☐ A) Closure Dependency
- ☒ B) Transitive Dependency
- ☐ C) Normal Dependency
- ☐ D) Functional Dependency



✓ What SQL clause is used to **restrict the rows** returned by a query?

1/1

- ☐ a) AND
- ☒ b) WHERE
- ☐ c) Group
- ☐ d) FROM



✓ The USE command?

1/1

- ☐ a) Is used to load code from another file
- ☐ b) Has been deprecated and should be avoided for security reasons
- ☐ c) Is a pseudonym for the SELECT command
- ☒ d) Should be used to choose the database you want to use once you've connected to MySQL



✓ A subquery in an SQL SELECT statement is enclosed in:

1/1

- ☐ A. braces – {...}.
- ☐ B. CAPITAL LETTERS.
- ☒ C. parenthesis – (...) .
- ☐ D. brackets – [...].



✓ Find the SQL statement below that is equal to the following: SELECT NAME 1/1
FROM CUSTOMER WHERE STATE =
'VA';

- ☐ A. SELECT NAME IN CUSTOMER WHERE STATE IN ('VA');
- ☐ B. SELECT NAME IN CUSTOMER WHERE STATE = 'VA';
- ☐ C. SELECT NAME IN CUSTOMER WHERE STATE = 'V';
- ☒ D. SELECT NAME FROM CUSTOMER WHERE STATE IN ('VA');



✓ The EXISTS keyword will be true if

1/1

- ☒ a) Any row in the subquery meets the condition only.
- ☐ b) All rows in the subquery fail the condition only.
- ☐ c) Both of these two conditions are met.
- ☐ d) Neither of these two conditions is met.



✓ Which of the following can be addressed by enforcing a referential integrity 1/1 constraint?

- ☐ a) All phone numbers must include the area code
- ☐ b) Certain fields are required (such as the email address, or phone number) before the record is accepted
- ☒ c) Information on the customer must be known before anything can be sold to that customer ✓
- ☐ d) When entering an order quantity, the user must input a number and not some text (i.e., 12 rather than 'a dozen')

✓ The relationship between DEPARTMENT and EMPLOYEE is a: 1/1

- ☐ a) One-to-one relationship
- ☐ b) Many-to-many relationship
- ☒ c) One-to-many relationship ✓
- ☐ d) Many-to-one relationship

✗ Which of the following query is correct for using comparison operators in SQL? 0/1

- ☒ A) SELECT sname, coursename FROM studentinfo WHERE age>50 and <80; ✗
- ☐ B) SELECT sname, coursename FROM studentinfo WHERE age>50 and age <80;
- ☐ C) SELECT sname, coursename FROM studentinfo WHERE age>50 and WHERE age<80;
- ☐ D) None of the above

Correct answer

- ☒ B) SELECT sname, coursename FROM studentinfo WHERE age>50 and age <80;



✓ How to Delete records from studentinfo table with name of student 'Hari Prasad'? 1/1

- ☐ A) DELETE FROM TABLE studentinfo WHERE sname='Hari Prasad';
- ☒ B) DELETE FROM studentinfo WHERE sname='Hari Prasad'; ✓
- ☐ C) DELETE FROM studentinfo WHERE COLUMN sname='Hari Prasad';
- ☐ D) DELETE FROM studentinfo WHERE sname LIKE 'Hari Prasad';

✗ Which of the following isolation levels doesn't allow non-repeatable reads? 0/1

- ☒ A) Repeatable Reads ✗
- ☐ B) Read Committed
- ☐ C) both
- ☐ D) none

Correct answer

- ☒ C) both

✓ Which of the following isolation levels doesn't allow phantom reads? 1/1

- ☐ A) Repeatable Reads
- ☐ B) Read uncommitted
- ☐ C) Read Committed
- ☒ D) Serializable ✓



✓ How to select all data from studentinfo table starting the name from letter 'r'? 1/1

- ☒ A) SELECT * FROM studentinfo WHERE sname LIKE 'r%';
- ☐ B) SELECT * FROM studentinfo WHERE sname LIKE '%r%';
- ☐ C) SELECT * FROM studentinfo WHERE sname LIKE '%r';
- ☐ D) SELECT * FROM studentinfo WHERE sname LIKE '_r%';



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