Customized

Drink

Recommendation

Data Definition Queries

Team No	13
Team Name	DBzara
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1. **CREATE TABLE** caffe (

      cafe_id INT NOT NULL PRIMARY KEY,

      cafe_name VARCHAR(20) NOT NULL,

      location VARCHAR(20) NOT NULL);

cafe_id	cafe_name	location
1	EDIYA	HAPPY HALL

2. **CREATE TABLE** causeList (

      Ingredient_name VARCHAR(32) NOT NULL,

      disease_id VARCHAR(32) NOT NULL

      PRIMARY KEY(Ingredient_name, disease_id));

Ingredient_name	disease_id
Cheese	1

3. **CREATE OR REPLACE** chooseIdView **AS SELECT** choose_id **FROM** descOrderedListView **WHERE** drink_id= *DRINK_ID*;

choose_id
23

4. **CREATE TABLE** chooseList (

      choose_id INT NOT NULL PRIMARY KEY,

      option1 VARCHAR(20) NOT NULL,

      option2 VARCHAR(20) NOT NULL,

      option3 VARCHAR(20) NOT NULL);

choose_id	option1	option2	option3
1	CaramelSyrup	SynamonSyrup	Whipping

5. **CREATE OR REPLACE VIEW** descOrderedListView **AS SELECT * FROM** orderedList **ORDER BY** count **DESC ;**

user_id	drink_id	choose_id	count
2	53	5	6

6. **CREATE TABLE** diseasetable (
          disease_id INT NOT NULL PRIMARY KEY,,
          disease_name VARCHAR(30));

disease_id	disease_name
1	ChocolateAlergy

7. **CREATE TABLE** drink (
          drink_id INT NOT NULL PRIMARY KEY,
          drink_name VARCHAR(20) NOT NULL,
          price INT NOT NULL,
          temparature VARCHAR(5) NOT NULL,
          size VARCHAR(1) NOT NULL);

drink_id	drink_name	price	temparature	size
1	Mango Juice	4000	ICE	R

8. **CREATE TABLE** drinkandcafe (
          cafe_id VARCHAR(10) NOT NULL,
          drink_id VARCHAR(10) NOT NULL,
          PRIMARY KEY(cafe_id, drink_id));

cafe_id	drink_id
3	57

9. **CREATE OR REPLACE VIEW** ingredientListView **AS SELECT** ingredient_name FROM recipe WHERE drink_id = *DIRNK_ID;*

ingredient_name
ChocolateSource

10. **CREATE TABLE** ingredientslist (

       ingredient_name VARCHAR(32) NOT NULL PRIMARY KEY,

       season VARCHAR(8) NOT NULL);

ingredient_name	season
BlueberrySyrup	Fall

11. **CREATE OR REPLACE VIEW** myDisease **AS SELECT** disease_id **FROM** sufferList WHERE user_id=*USER_ID;*

disease_id
1

12. **CREATE TABLE** optionCauseList (

       option_name VARCHAR(30) NOT NULL,

       disease_id INT NOT NULL,

       PRIMARY KEY(option_name, disease_id));

option_name	disease_id
caramelSyrup	11

13. **CREATE TABLE** optionList (

      option_name VARCHAR(30) NOT NULL PRIMARY KEY);

option_name
caramelSyrup

14. **CREATE TABLE** orderedList (

      user_id INT NOT NULL,

      drink_id INT NOT NULL,

      choose_id INT NOT NULL,

      count INT NOT NULL,

      PRIMARY KEY(user_id, drink_id, choose_id));

user_id	drink_id	choose_id	count
2	2	14	3

15. **CREATE TABLE** pickedList (

      user_id INT NOT NULL,

      drink_id INT NOT NULL,

      PRIMARY KEY(user_id, drink_id));

user_id	drink_id
2	45

16. **CREATE TABLE** recipe (

      drink_id INT NOT NULL,

      ingredient_name VARCHAR(20) NOT NULL,

      PRIMARY KEY(drink_id, ingredient_name));

drink_id	ingredient_name
1	Espresso

17. **CREATE TABL**E sufferList (

        user_id INT NOT NULL,

        disease_id INT NOT NULL,

        PRIMARY KEY (user_id, dieseae_id));

user_id	disease_id
1	1

18. **CREATE OR REPLACE VIEW** tempChooseListView **AS SELECT** choose_id, option1, option2, option3, **FROM** chooseList **WHERE** choose_id=*CHOOSE_ID_1* OR choose_id=*CHOOSE_ID_2*;

choose_id	option1	option2	option3
45	cinnamonSyrup	hazelnutsyrup	javaChip

19. **CREATE TABLE** userList (

        user_id INT NOT NULL PRIMARY KEY,

        user_name VARCHAR(20) NOT NULL,

        age INT NOT NULL,

        gender VARCHAR(1) NOT NULL,

        passwd VARCHAR(20) NOT NULL);

user_id	user_name	age	gender	passwd
1	Liam	13	M	1