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Title:

Our Company for Couples is focused on matching married couples with similar interests to build great friendships.

Description:

- It's easy, exciting, and fun to connect with other couples.
- You'll improve and strengthen your own marriage.
- You'll build friendships with people that can relate to your marital experiences.
- Mentor younger couples through some of the hurdles of Marriage.
- Be Mentored by more mature marriages to better weather the seasons of Marriage.

Company for Couples was created by our desire for married couples to find other, compatible, married couples to go on double dates! We are committed to helping you find other couples that can help grow and encourage your own relationship through fellowship. Company for Couples matches based on compatibility of interests, and what type of couple you are looking for. You and are wife are best friends right? Why

Information Needs: We need to have users be protected with a user-name and password. To simplify the registration we need two couples under one registration. They then put in some demographics about themselves. We then need to have them put in the interests they have and what they are looking for. Do they want a mentor couple, new friends in the same age group, are they new to the area? We then need to match the couples with each other depending on what they are interested in getting and the area they live in.

Phase 1 - Model

- Shiloh, Jon, and Blaine all worked on the design of the business and ER Diagram, including putting it into a diagram (It was a Google Drive based program that allowed multiple users to edit it at the same time).
- Blaine worked on documentation/business plan

Phase 2 - Implementation

- Shiloh supplied information to be input into tables.
- Jon built the tables and went through the coding with Blaine and Shiloh.
- Blaine worked on documentation.
- We all worked on troubleshooting the code.
- We had saw that it would be easier to implement our tables by breaking all of the interests into separate tables. This will make it easier to implement how we are going to match users together.

- Had some trouble understanding the Oracle Application Express, but by teamwork and help from the professor, we were able to get it.
- Foresee a hard time getting the matching criteria together and thinking about trying to implement the frontside to work with our database, but think that might be a bit too ambitious.
- Having a bit of trouble with the table creation and the inserting values into the table.

users
userID
userName
password
firstName1
firstName2
joinDate

demographics
ageRange
city
state
relationshipType
relationshipLength

sportsInterests
americanFootball
soccer
basketball
baseball
tennis
volleyball
combatSports
vehicleSports
hockey

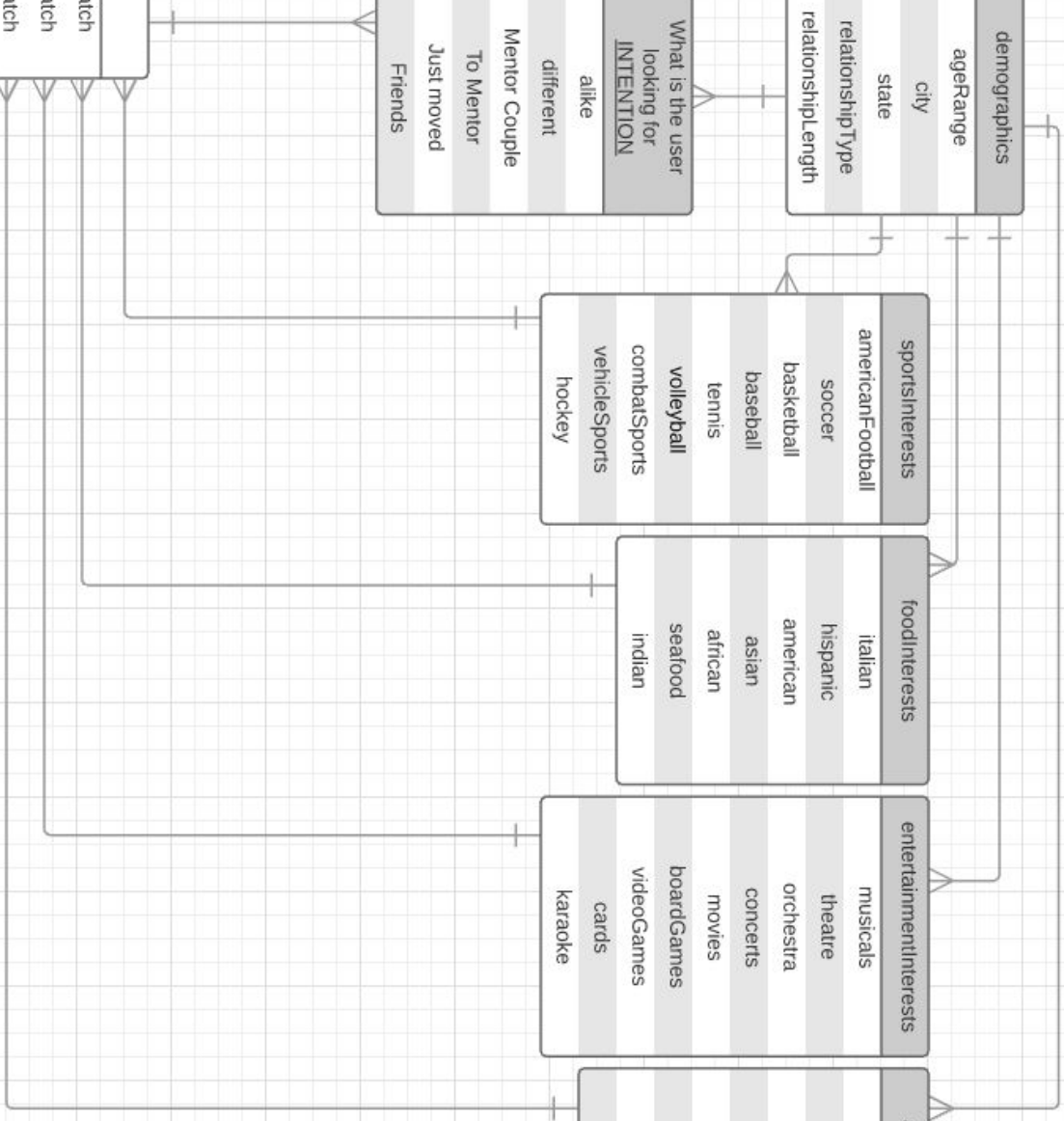
foodInterests
italian
hispanic
american
asian
african
seafood
indian

entertainmentInterests
musicals
theatre
orchestra
concerts
movies
boardGames
videoGames
cards
karaoke

activityInterests
winterSports
hunting
hiking
exercise
travel
brewery
winery
nightlife

What is the user looking for INTENTION
alike
different
Mentor Couple
To Mentor
Just moved
Friends

Matching Criteria			
userID	INTENTION	% Match	
userID	INTENTION	% Match	
userID	INTENTION	% Match	



```

CREATE TABLE users (
    userID VARCHAR(26),
    userName VARCHAR(26),
    password VARCHAR(26),
    firstName1 VARCHAR(26),
    firstName2 VARCHAR(26),
    joinDate DATE
);

INSERT INTO users (userID, username, password, firstName1, firstName2,
joinDate)
VALUES (1111, 'BrynJen', 'CoolCars4', 'Bryan', 'Jennifer', 2017-04-02);

INSERT INTO users (userID, username, password, firstName1, firstName2,
joinDate)
VALUES (1112, 'BritRick', 'DogLover2', 'Brittney', 'Richard', 2017-02-16);

INSERT INTO users (userID, username, password, firstName1, firstName2,
joinDate)
VALUES (1113, 'Mikey_tana', 'LoveydoveY', 'Mike', 'Tana', 2017-01-12);

INSERT INTO users (userID, username, password, firstName1, firstName2,
joinDate)
VALUES (1114, 'JamieJames', 'J_Squared45', 'Jamie', 'James', 2016-11-28);

INSERT INTO users (userID, username, password, firstName1, firstName2,
joinDate)
VALUES (1115, 'LizChad', 'craZyLove333', 'Liz', 'Chad', 2017-03-22);

CREATE TABLE demographics (
    ageRange INTEGER,
    city VARCHAR(26),
    state CHAR(2),
    relationshipType CHAR(1),
    relationshipLength VARCHAR(10)
);

INSERT INTO demographics
VALUES (25-30, 'Saint Paul', 'MN', 'D', 2 years);

INSERT INTO demographics
VALUES (27-30, 'Woodbury', 'MN', 'D', 4 years);

INSERT INTO demographics
VALUES (23-28, 'Eagan', 'MN', 'D', 8 months);

INSERT INTO demographics

```

```
VALUES (30-36, 'Cottage Grove', 'MN', M, 3 years);
```

```
INSERT INTO demographics
```

```
VALUES (29-35, 'Minneapolis', 'MN', M, 6 years);
```

```
CREATE TABLE sportsInterests (
```

```
    americanFootball,
```

```
    soccer,
```

```
    basketball,
```

```
    baseball,
```

```
    tennis,
```

```
    volleyball,
```

```
    combatSports,
```

```
    vehicleSports,
```

```
    hockey
```

```
);
```

```
INSERT INTO sportsInterests
```

```
VALUES (1, 0, 1, 0, 0, 1, 0, 0, 0);
```

```
INSERT INTO sportsInterests
```

```
VALUES (1, 1, 1, 1, 1, 1, 0, 0, 0);
```

```
INSERT INTO sportsInterests
```

```
VALUES (1, 0, 1, 0, 1, 1, 1, 1, 0);
```

```
INSERT INTO sportsInterests
```

```
VALUES (1, 0, 1, 0, 0, 1, 0, 1, 0);
```

```
INSERT INTO sportsInterests
```

```
VALUES (1, 0, 1, 1, 1, 1, 0, 1, 1);
```

```
CREATE TABLE foodInterests (
```

```
    italian,
```

```
    hispanic,
```

```
    american,
```

```
    asian,
```

```
    african,
```

```
    seafood,
```

```
    indian
```

```
);
```

```
INSERT INTO foodInterests
```

```
VALUES (1, 0, 1, 0, 0, 1, 0);
```

```
INSERT INTO foodInterests
```

```
VALUES (1, 0, 1, 0, 1, 1, 1);
```

```
INSERT INTO foodInterests  
VALUES (1, 0, 1, 1, 1, 1, 1);
```

```
INSERT INTO foodInterests  
VALUES (1, 0, 1, 1, 0, 1, 1);
```

```
INSERT INTO foodInterests  
VALUES (1, 0, 1, 1, 0, 1, 1);
```

```
CREATE TABLE entertainmentInterests (  
    musicals,  
    theatre,  
    orchestra,  
    concerts,  
    movies,  
    boardGames,  
    videoGames,  
    cards,  
    karaoke  
);
```

```
INSERT INTO entertainmentInterests  
VALUES (1, 0, 1, 0, 0, 1, 0, 0, 0);
```

```
INSERT INTO entertainmentInterests  
VALUES (1, 0, 1, 0, 0, 1, 0, 0, 0);
```

```
INSERT INTO entertainmentInterests  
VALUES (1, 0, 1, 0, 0, 1, 0, 0, 0);
```

```
INSERT INTO entertainmentInterests  
VALUES (1, 0, 1, 0, 0, 1, 0, 0, 0);
```

```
INSERT INTO entertainmentInterests  
VALUES (1, 0, 1, 0, 0, 1, 0, 0, 0);
```

```
CREATE TABLE activity (  
    winterSports,  
    hunting,  
    hiking,  
    exercise,  
    travel,  
    brewery,  
    winery,
```

```

        nightlife
    );

INSERT INTO activity
VALUES (0, 0, 1, 0, 1, 1, 0, 1);

INSERT INTO activity
VALUES (0, 1, 1, 0, 1, 1, 0, 1);

INSERT INTO activity
VALUES (0, 1, 1, 1, 1, 0, 1, 0);

INSERT INTO activity
VALUES (0, 1, 1, 0, 1, 0, 1, 0);

INSERT INTO activity
VALUES (1, 0, 1, 0, 1, 0, 0, 0);

CREATE TABLE intention (
    alike,
    different,
    Mentor Couple,
    To Mentor,
    Just moved,
    Friends
);

INSERT INTO intention
VALUES (1, 0, 1, 0, 1, 0);

INSERT INTO intention
VALUES (1, 0, 1, 0, 1, 0);

INSERT INTO intention
VALUES (1, 0, 1, 0, 1, 0);

INSERT INTO intention
VALUES (1, 0, 1, 0, 1, 0);

INSERT INTO intention
VALUES (1, 0, 1, 0, 1, 0);

CREATE TABLE matchingCriteria (
    userID,
    intention,
    percentMatch

```

) ;