

## Milestone4 - Database Design

April 8, 2018

- We have 2 tables for the database. One is for users and the other is for guides.
- We ask user about destination country and travel date. Also, maybe preferred sex, birthday, rating.
- Guides only upload their profile info and some photos.
- When all the foreign keys in both tables matched, then we generate a trip for both user and the guide.

```
mysql> describe user;
```

Field	Type	Null	Key	Default	Extra
Fname	varchar(20)	YES		NULL	
Lname	varchar(20)	YES		NULL	
Country	varchar(20)	YES		NULL	
sex	char(1)	YES		NULL	
Email	varchar(20)	YES		NULL	
Phone	int(11)	YES		NULL	
bday	date	YES		NULL	

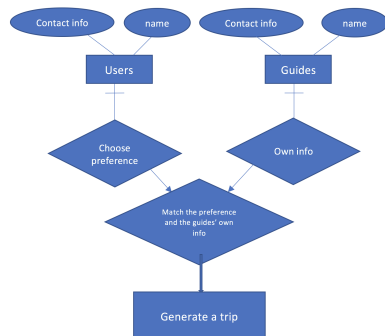
7 rows in set (0.00 sec)

```
mysql> describe guide;
```

Field	Type	Null	Key	Default	Extra
Fname	varchar(20)	YES		NULL	
Lname	varchar(20)	YES		NULL	
Country	varchar(20)	YES		NULL	
sex	char(1)	YES		NULL	
phone	int(11)	YES		NULL	
rating	int(11)	YES		NULL	
bday	date	YES		NULL	

7 rows in set (0.00 sec)

this is the two tables looks like in Mysql.



this is the ER diagram for our database.

Users
User_ID
First name
Last name
Preferred sex
Phone number
Email address
Country
Start date, End date
Preferred rating

Primary keys

Foreign keys

Guides
Guide_ID
First name
Last name
Sex
Phone number
Email address
Country
Available date