Outline of Poster (pages below have the full page that will go on the poster)

Team Foogle + Names

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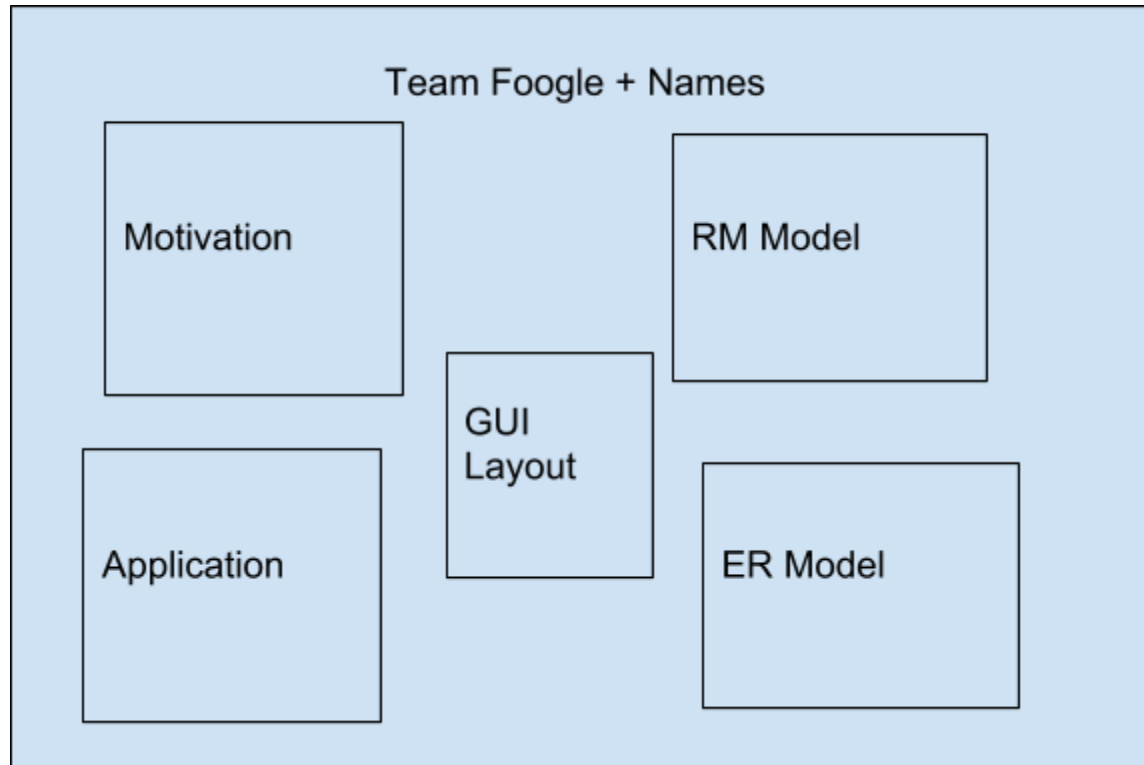
Team Foogle

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Motivation

Throughout the entirety of our lives, we spend countless hours deciding very simple things, such as what food we should eat. Here at Team Foogle, we want to change the way that works. We are attempting to further optimize how individuals decide to eat. Instead of sitting, staring, and pondering about where to go to grab a bite, we have created a database of restaurants and accompanying queries to help speed up this process. In essence, we strive to save people time and allow them to explore a bit more!

Application

The application of our Foogle database is centered mainly in searching restaurants based on the users' wants in a certain city and state. The user can find the restaurant they desire based off of the price, operational hours, reviews, and ratings, among other requirements. The database also provides the restaurants' contacts in the form of emails and phone numbers so that the user can directly communicate for more detailed information. In addition, the user can rate and review restaurants that they have visited.

RM Diagram

USER

UserID	cName	uName

CITY

cName	cState

RESTAURANT

rID	cName	rName	rCuisine	rAddress

REVIEW

UserID	rID	rvRating	rvMessage	rvDate

MENU

mName	rID	Language

USER_CONTACT

UserID	U_PhoneNumber	U_Email

RESTAURANT_CONTACT

rID	R_PhoneNumber	R_Email

HOURS

rID	Hours_Name	Start_Time	End_Time

FOOD_ENTRIES

mName	rID	FEName	FEPrice
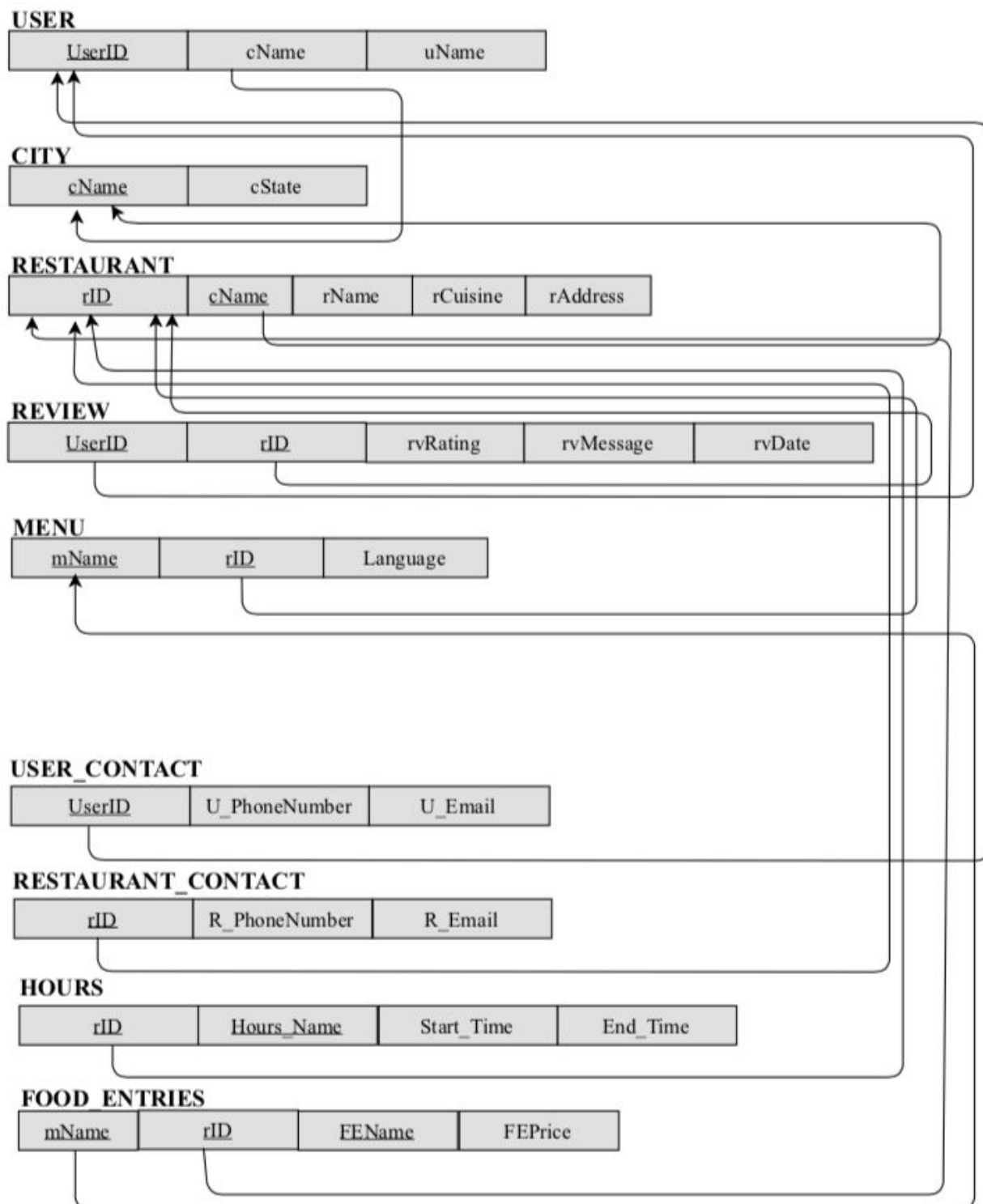
ER Diagram
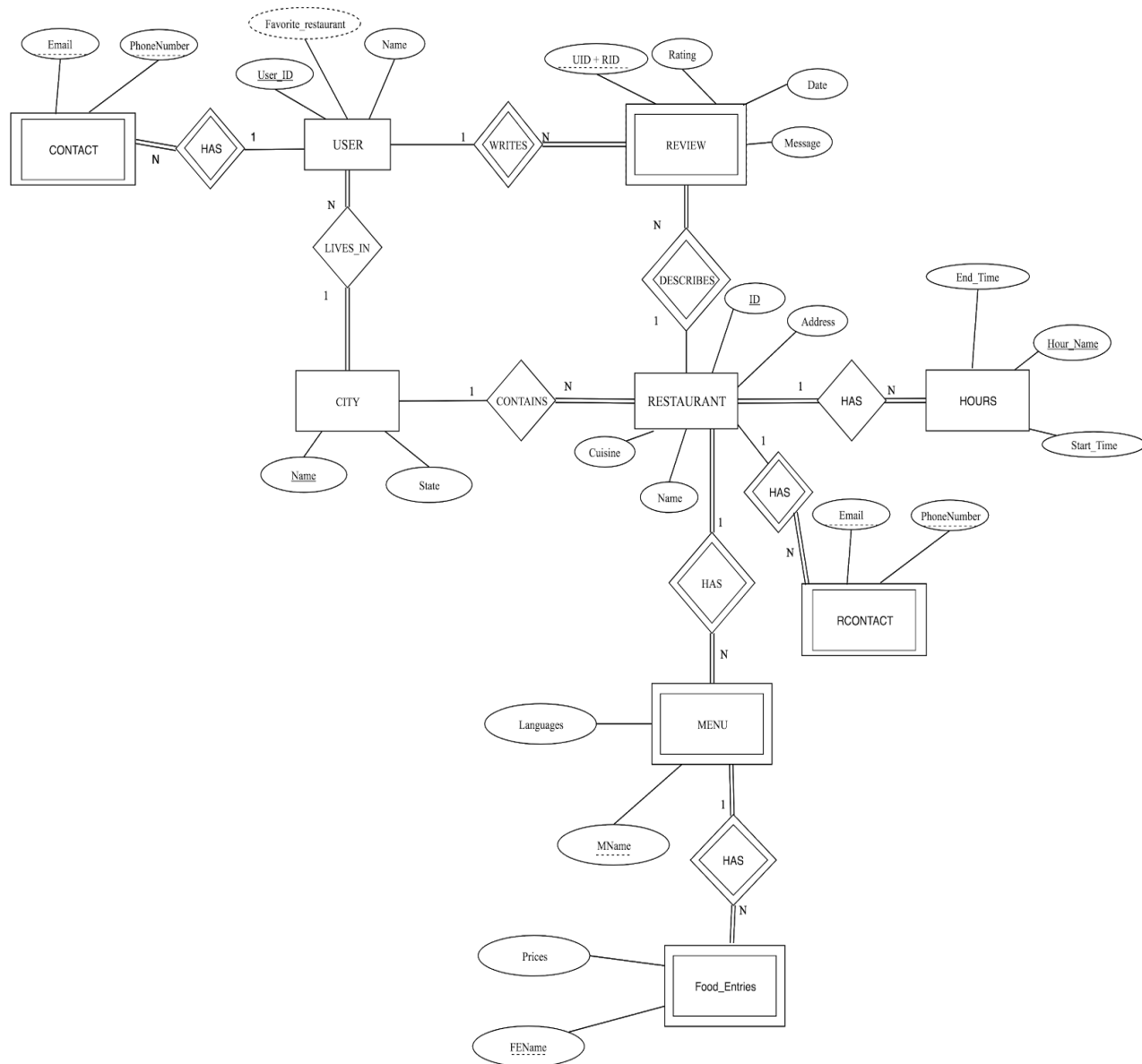
Assumptions:

1. A REVIEW must be written by a USER. A USER may write 0 or more REVIEWs.
2. A RESTAURANT must contain at least 1 MENU, and likewise a MENU must be associated with a RESTAURANT.
3. REVIEWs must have a RESTAURANT, while RESTAURANTS may have 0 or more REVIEWs.
4. Multiple or no USERs may desire one or more RESTAURANTs.
5. A MENU and REVIEWs must depend on RESTAURANT to be uniquely identifiable.
6. REVIEWs additionally depends on USER for unique identification.
7. A USER can have one or no Favorite_Restaurant.
8. Every USER must live in a CITY, and every CITY must contain at least 1 USER or RESTAURANT.
9. A CONTACT or RCONTACT can have an Email and/or a PhoneNumber.
10. A RESTAURANT has at least one HOURS.

FOOGLE RESTAURANT FINDER

IMPORTANT: * dentotes required input fields

*CITY: City

*CUISINE: Cuisine

PRICE RANGE: 0 - 1000

FOOD ITEM: Food Item

Search

New Customer

*Name: Name

Home City: Home City

*Phone: Phone

*Email: Email

Add Customer

Restaurant Contact Info

*Restaurant Name: Name

*Restaurant City: City Name

Get Contact

Write a Review

*Restaurant Name: Restaurant

*Restaurant City: City

*Your Name: User Name

*Rating (out of 5): #

Comments:

Submit Review

Restaurant Reviews Info

*Restaurant Name: Name

*Restaurant City: City Name

Get Reviews

Restaurant Hours Info

*Restaurant Name: Name

*Restaurant City: City Name

Get Hours

Quick Search

Most Expensive Food

Most Expensive Food by Ethnicity

Least Expensive Food in Each City

Least Expensive Food by Ethnicity

Random Restaurant