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March 26 2017

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The Food Truck Tracker

Guillermo Morán & Olivia Vahsen

Project Goals:

- To design a food-truck sorting service based on location, customer rating, hours, menu and chefs so that potential customers can find a food truck based on their desired criteria.

Features:

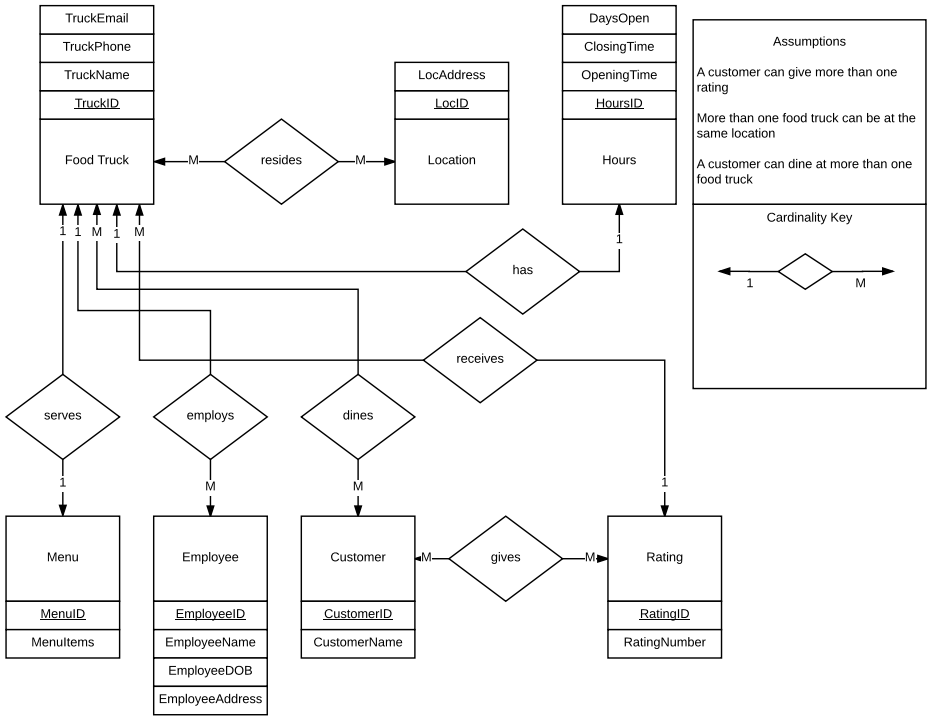
- Search and sort food trucks using a given criteria(s)
- Map displaying food trucks at their corresponding location

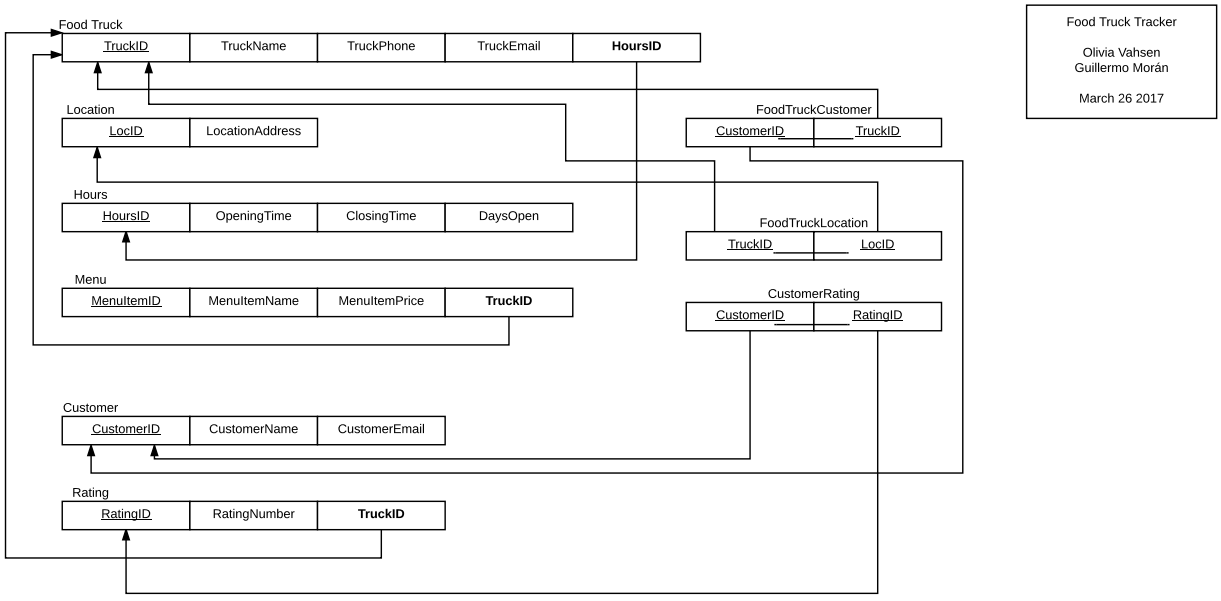
Capabilities:

- Displays food trucks according to customer search parameters.
- Displays map showing food trucks according to set parameters.

Food Truck Tracker

Olivia Vahsen
Guillermo Moran





Food Truck Tracker

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```
Create table Hours (
        hoursID int auto_increment not null,
        openingTime time,
        closingTime time,
        daysOpen varchar(20),
        primary key(hoursID))
        Engine=InnoDB;

Create table FoodTruck (
        truckID int auto_increment not null,
        truckName varchar(20),
   truckPhone varchar(20),
   truckEmail varchar(20),
        hoursID int,
        foreign key (hoursID) references Hours (hoursID) on delete cascade,
        primary key(truckID))
        Engine=InnoDB;

Create table Menu (
        menuID int auto_increment not null,
        menuItemName varchar(200),
        menuItemPrice decimal,
        truckID int,
        foreign key (truckID) references FoodTruck (truckID) on delete cascade,
        primary key(menuID))
        Engine=InnoDB;

Create table Location (
        locationID int auto_increment not null,
        locationAddress varchar(20),
        primary key(locationID))
        Engine=InnoDB;

Create table Employee (
        employeeID int auto_increment not null,
        employeeName varchar(20),
        employeeDOB varchar(20),
        employeeAddress varchar(20),
        truckID int,
        foreign key (truckID) references FoodTruck (truckID) on delete cascade,
        primary key(employeeID))
        Engine=InnoDB;

Create table Customer (
        customerID int auto_increment not null,
        customerName varchar(20),
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        customerEmail varchar(50),
        primary key(customerID))
        Engine=InnoDB;

Create table Rating (
        ratingID int auto_increment not null,
        ratingNumber int,
        truckID int,
        foreign key (truckID) references FoodTruck (truckID) on delete cascade,
        primary key(ratingID))
        Engine=InnoDB;

Create table FoodTruckCustomer (
        customerID int,
        truckID int,
        foreign key (customerID) references Customer (customerID) on delete cascade,
        foreign key (truckID) references FoodTruck (truckID) on delete cascade,
        primary key(customerID, truckID))
        Engine=InnoDB;

Create table FoodTruckLocation (
        locationID int,
        truckID int,
        foreign key (locationID) references Location (locationID) on delete cascade,
        foreign key (truckID) references FoodTruck (truckID) on delete cascade,
        primary key(locationID, truckID))
        Engine=InnoDB;

Create table CustomerRating (
        customerID int,
        ratingID int,
        foreign key (customerID) references Customer (customerID) on delete cascade,
        foreign key (ratingID) references Rating (ratingID) on delete cascade,
        primary key(ratingID, customerID))
        Engine=InnoDB;


insert into Hours values(null, '12:00:00' ,'12:00:00', 'Monday - Friday');
insert into Hours values(null, '12:00:00' ,'12:00:00', 'Monday - Friday');
insert into Hours values(null, '12:00:00' ,'12:00:00', 'Monday - Friday');
insert into Hours values(null, '12:00:00' ,'12:00:00', 'Monday - Friday');
insert into Hours values(null, '12:00:00' ,'12:00:00', 'Monday - Friday');
insert into Hours values(null, '12:00:00' ,'12:00:00', 'Monday - Friday');
insert into Hours values(null, '12:00:00' ,'12:00:00', 'Monday - Friday');
insert into Hours values(null, '12:00:00' ,'12:00:00', 'Monday - Friday');
```

```
insert into FoodTruck values(null, 'Tacos', '1111111111', 'truck@truckmail.com',1);
insert into FoodTruck values(null, 'Fruit', '1111111111', 'truck@truckmail.com',2);
insert into FoodTruck values(null, 'Smoothies', '1111111111', 'truck@truckmail.com',3);
insert into FoodTruck values(null, 'Ice', '1111111111', 'truck@truckmail.com',4);
insert into FoodTruck values(null, 'Waffles', '1111111111', 'truck@truckmail.com',5);
insert into FoodTruck values(null, 'Pizza', '1111111111', 'truck@truckmail.com',6);
insert into FoodTruck values(null, 'Coffee', '1111111111', 'truck@truckmail.com',7);
insert into FoodTruck values(null, 'Sip', '1111111111', 'truck@truckmail.com',8);

insert into Menu values(null, 'Hot Taco', 1.00, 1);
insert into Menu values(null, 'Apple', 1.00, 2);
insert into Menu values(null, 'Green Smoothie', 1.00, 3);
insert into Menu values(null, 'Snow Cone', 1.00, 4);
insert into Menu values(null, 'Frozen Waffle', 1.00, 5);
insert into Menu values(null, 'Pineapple Pizza', 1.00, 6);
insert into Menu values(null, 'Room Temperature Coffee ', 1.00, 7);
insert into Menu values(null, 'Warm Water Bottle', 1.00, 8);

insert into Location values(null, '6th Street');
insert into Location values(null, '6th Street');
insert into Location values(null, '6th Street');
insert into Location values(null, '6th Street');
insert into Location values(null, '6th Street');
insert into Location values(null, '6th Street');
insert into Location values(null, '6th Street');
insert into Location values(null, '6th Street');


insert into Employee values(null, 'Charles', '12/12/96', '7th Street', 1);
insert into Employee values(null, 'Charles', '12/12/96', '7th Street', 2);
insert into Employee values(null, 'Charles', '12/12/96', '7th Street', 3);
insert into Employee values(null, 'Charles', '12/12/96', '7th Street', 4);
insert into Employee values(null, 'Charles', '12/12/96', '7th Street', 5);
insert into Employee values(null, 'Charles', '12/12/96', '7th Street', 6);
insert into Employee values(null, 'Charles', '12/12/96', '7th Street', 7);
insert into Employee values(null, 'Charles', '12/12/96', '7th Street', 8);

insert into Customer values(null, 'Guillermo', 'me@mail.com');
insert into Customer values(null, 'Guillermo','me@mail.com');
insert into Customer values(null, 'Guillermo','me@mail.com');
insert into Customer values(null, 'Guillermo','me@mail.com');
insert into Customer values(null, 'Guillermo','me@mail.com');
insert into Customer values(null, 'Guillermo','me@mail.com');
insert into Customer values(null, 'Guillermo','me@mail.com');
insert into Customer values(null, 'Guillermo','me@mail.com');
```

```
insert into Rating values(null, 5, 1);
insert into Rating values(null, 5, 2);
insert into Rating values(null, 5, 3);
insert into Rating values(null, 5, 4);
insert into Rating values(null, 5, 5);
insert into Rating values(null, 5, 6);
insert into Rating values(null, 5, 7);
insert into Rating values(null, 5, 8);

insert into FoodTruckCustomer values(1,1);
insert into FoodTruckCustomer values(2,2);
insert into FoodTruckCustomer values(3,3);
insert into FoodTruckCustomer values(4,4);
insert into FoodTruckCustomer values(5,5);
insert into FoodTruckCustomer values(6,6);
insert into FoodTruckCustomer values(7,7);
insert into FoodTruckCustomer values(8,8);

insert into FoodTruckLocation values(1,1);
insert into FoodTruckLocation values(2,2);
insert into FoodTruckLocation values(3,3);
insert into FoodTruckLocation values(4,4);
insert into FoodTruckLocation values(5,5);
insert into FoodTruckLocation values(6,6);
insert into FoodTruckLocation values(7,7);
insert into FoodTruckLocation values(8,8);

insert into CustomerRating values(1,1);
insert into CustomerRating values(2,2);
insert into CustomerRating values(3,3);
insert into CustomerRating values(4,4);
insert into CustomerRating values(5,5);
insert into CustomerRating values(6,6);
insert into CustomerRating values(7,7);
insert into CustomerRating values(8,8);

SELECT * FROM FoodTruck
SELECT * FROM Menu
SELECT * FROM Hours
SELECT * FROM Rating
SELECT * FROM Location
SELECT * FROM Customer
SELECT * FROM Employee
SELECT * FROM FoodTruckCustomer
SELECT * FROM FoodTruckLocation
SELECT * FROM CustomerRating
```