

Final Project

JAMIE CAHN | DVP 2

E: JCAHN@STUDENT.FULLSAIL.EDU

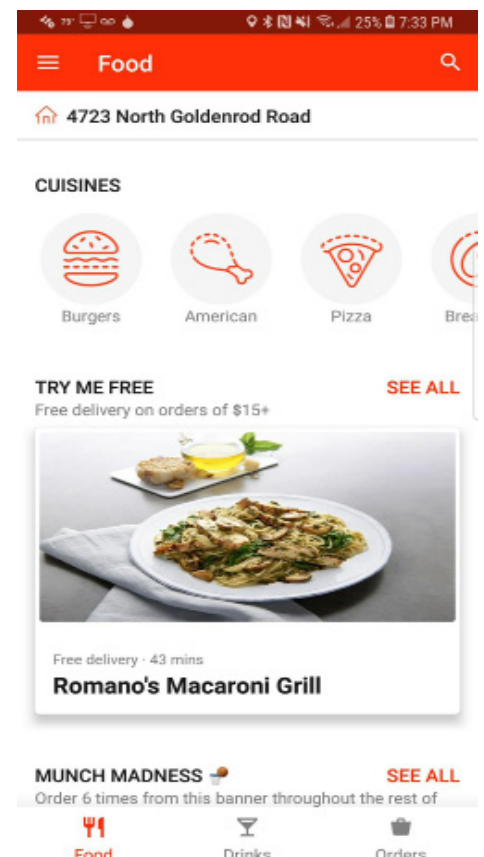
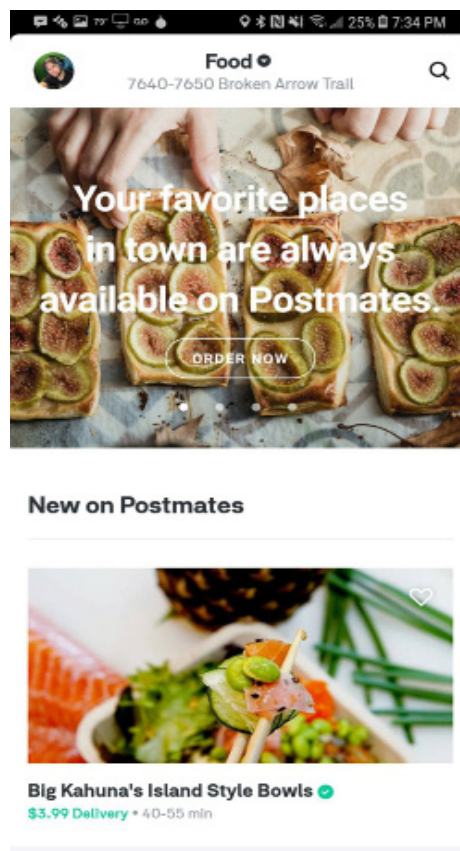
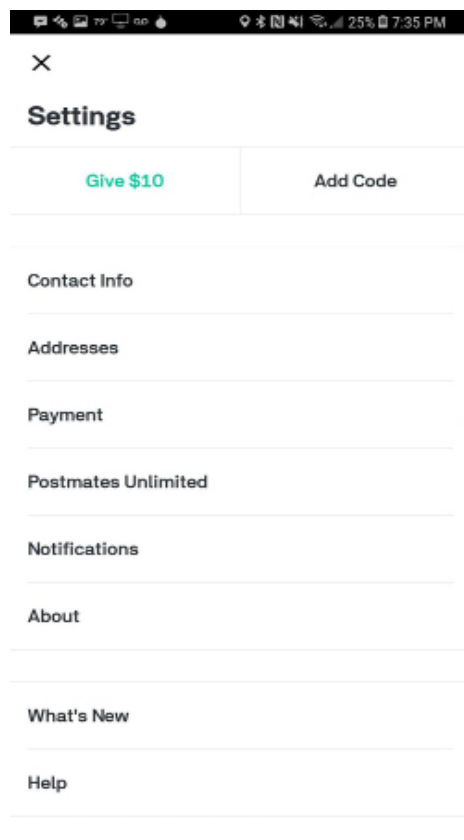
About This Project

WHAT AND WHY

SECTION

WHAT

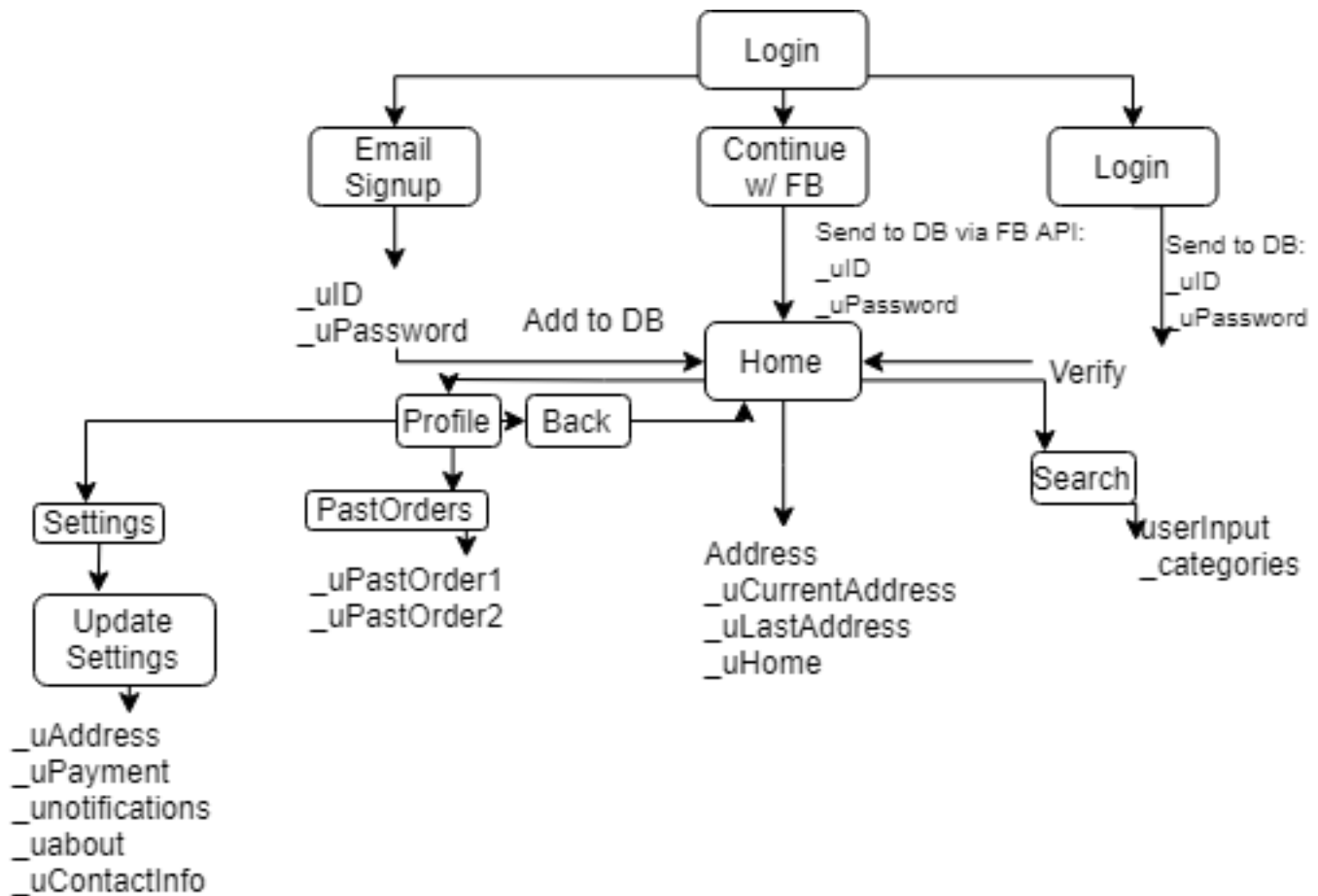
This project is a dissection of 3 applications related to rideshare food delivery services. In this paper we explore flowcharts developed for the follinw apps: Postmates, GrubHub, and DoorDash. We dive deep into hand created versions of the apps databases (UML) SQL responses to pull infomation from the databsaes to the apps. Most of these apps are similar in nature, however Postmates stands out from the rest.



App Dissection

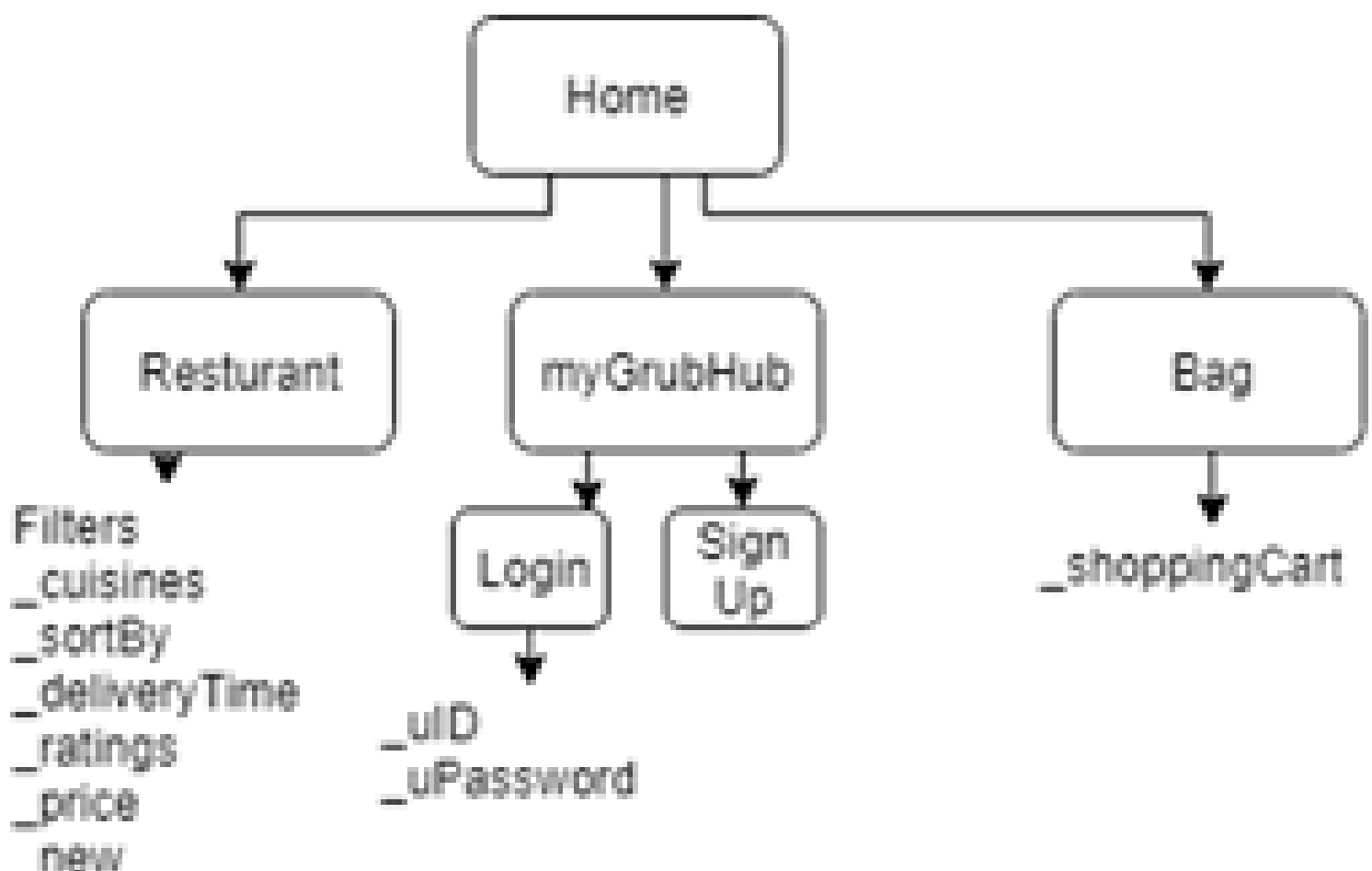
POSTMATES

SECTION



GRUBHUB

SECTION



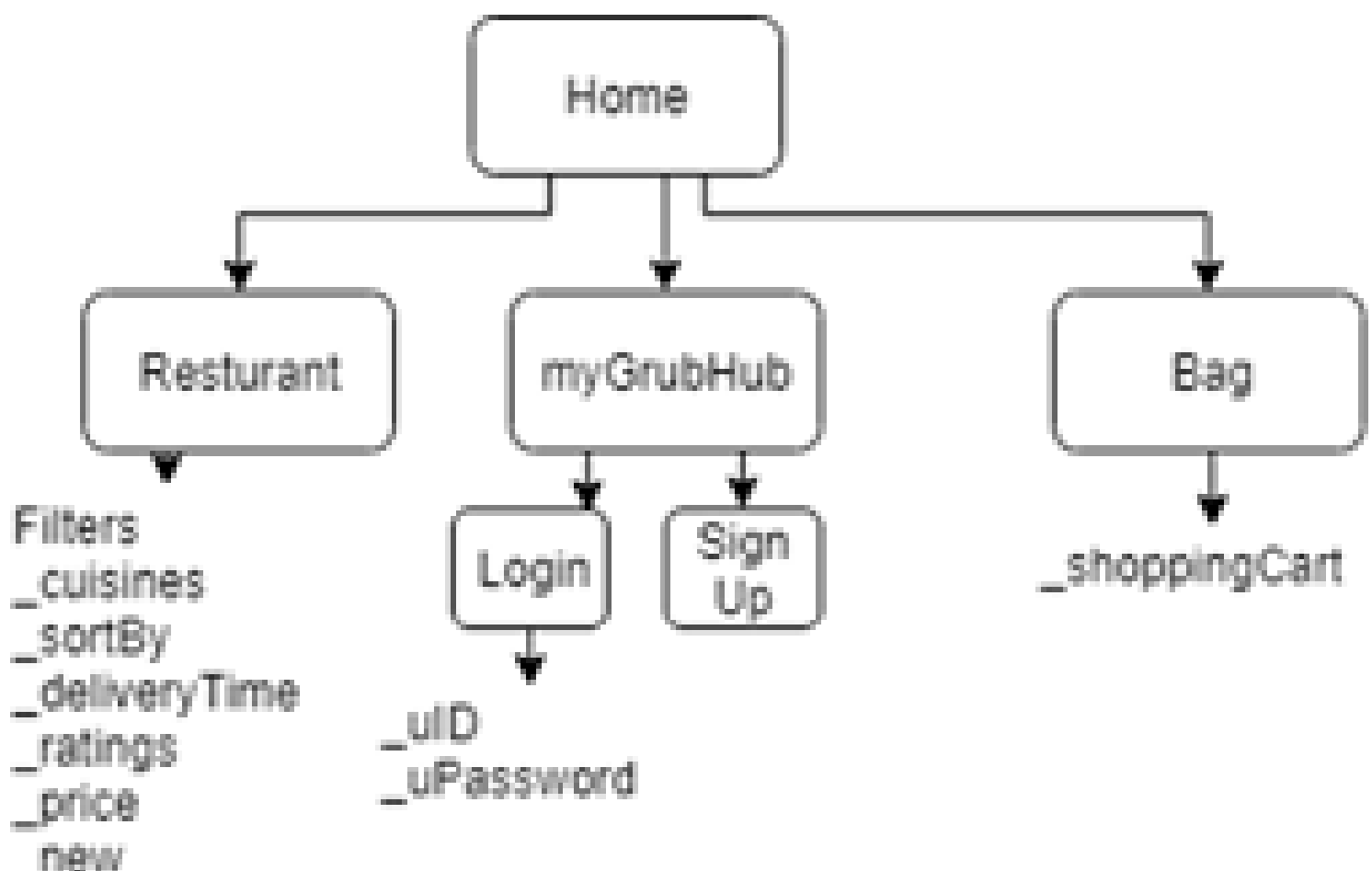
DOORDASH

SECTION



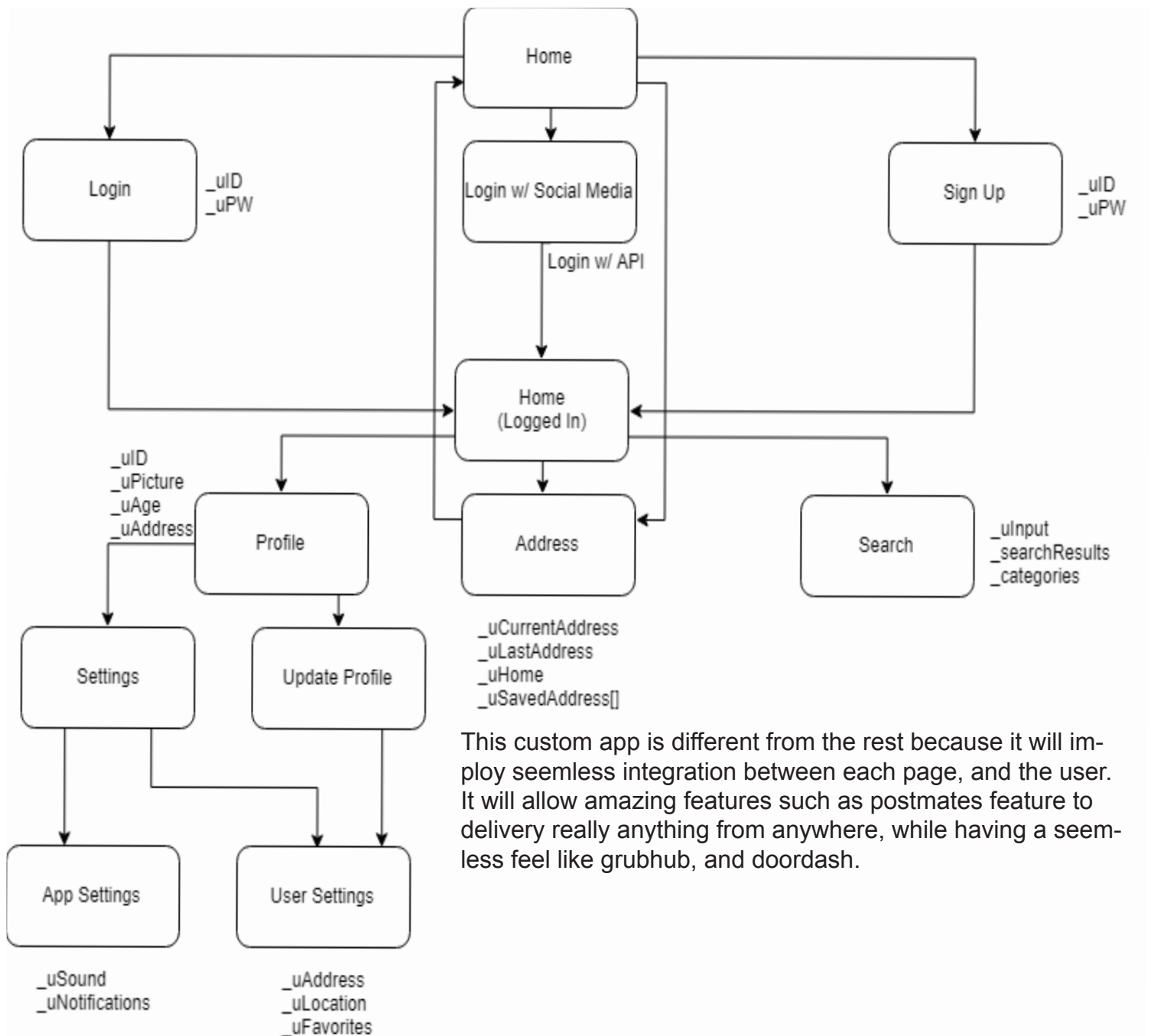
GRUBHUB

SECTION



CUSTOM APP

SECTION



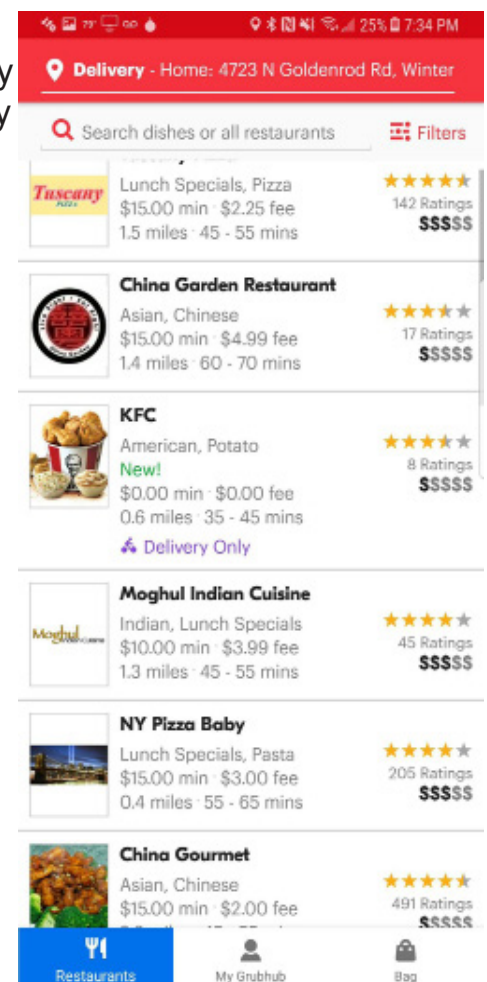
WHAT I LEARNED

SECTION

There are many rideshare food delivery apps on the market and they are all pretty much similar. Due to this reason many updates will need to come to make an app like this successful. Currently there are apps that do most of what this app will do, but this app does more. It incorporates every great feature of all apps.

By creating a more indepth database, this app will run quicker and more efficiently as well. After flowcharting this app I was able to see the similarities between the apps. This app in order to be successful needs to have a special feature that none other has.

One thing I really like about GrubHub is that they show the delivery fee inline with each restaurant as well as the ratings and price. They also offer all of this without logging into the app. Not having to log into the app to see all of these details is what makes GrubHub a great app that provides meaningful user experience.



DATABASE

SECTION

(MySQL 5.6.35) 127.0.0.1/testDatabase/userProfile

Select Database: testDatabase

Structure Content Relations Triggers Table Info Query

Table History Users Console

TABLES

- drivers
- menu
- restaurants
- userLogin
- userProfile**

Field	Type	Length	Unsigned	Zerofill	Binary	Allow Null	Key	Default	Extra	Encoding	Collation	Comment
id	INT	11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PRI		auto_increment			
firstName	VARCHAR	40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
lastName	VARCHAR	40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
email	VARCHAR	80	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
address	VARCHAR	100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
city	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
state	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
zip	INT	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None			
phoneNumber	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
userName	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	

INDEXES

Non_unique	Key_name	Seq_in_index	Column_name	Collation	Cardinality	Sub_part	Packed	Comment
0	PRIMARY	1	id	A	101	NULL	NULL	

TABLE INFORMATION

- created: 3/22/18
- engine: InnoDB
- rows: 101
- size: 16.0 KiB
- encoding: utf8
- auto_increment: 102

(MySQL 5.6.35) 127.0.0.1/testDatabase/userLogin

Select Database: testDatabase

Structure Content Relations Triggers Table Info Query

Table History Users Console

TABLES

- drivers
- menu
- restaurants
- userLogin**
- userProfile

Field	Type	Length	Unsigned	Zerofill	Binary	Allow Null	Key	Default	Extra	Encoding	Collation	Comment
id	INT	11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PRI		auto_increment			
userName	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
password	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	

INDEXES

Non_unique	Key_name	Seq_in_index	Column_name	Collation	Cardinality	Sub_part	Packed	Comment
0	PRIMARY	1	id	A	101	NULL	NULL	

TABLE INFORMATION

- created: 3/22/18
- engine: InnoDB
- rows: 101
- size: 16.0 KiB
- encoding: utf8
- auto_increment: 102

DATABASE

SECTION

(MySQL 5.6.35) 127.0.0.1/testDatabase/restaurants

Select Database: testDatabase

Structure Content Relations Triggers Table Info Query

TABLES

- drivers
- menu
- restaurants
- userLogin
- userProfile

Field	Type	Length	Unsigned	Zerofill	Binary	Allow Null	Key	Default	Extra	Encoding	Collation	Comment
id	INT	11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PRI		auto_increment			
restaurantName	VARCHAR	100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
address	VARCHAR	100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
city	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
state	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
zip	INT	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None			
phoneNumber	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
rating	INT	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None			

INDEXES

Non_unique	Key_name	Seq_in_index	Column_name	Collation	Cardinality	Sub_part	Packed	Comment
0	PRIMARY	1	id	A	72	NULL	NULL	

TABLE INFORMATION

- created: 3/22/18
- engine: InnoDB
- rows: 72
- size: 16.0 KiB
- encoding: utf8
- auto_increment: 73

(MySQL 5.6.35) 127.0.0.1/testDatabase/menu

Select Database: testDatabase

Structure Content Relations Triggers Table Info Query

TABLES

- drivers
- menu
- restaurants
- userLogin
- userProfile

Field	Type	Length	Unsigned	Zerofill	Binary	Allow Null	Key	Default	Extra	Encoding	Collation	Comment
id	INT	11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PRI		auto_increment			
food	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
price	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	

INDEXES

Non_unique	Key_name	Seq_in_index	Column_name	Collation	Cardinality	Sub_part	Packed	Comment
0	PRIMARY	1	id	A	100	NULL	NULL	

TABLE INFORMATION

- created: 3/22/18
- engine: InnoDB
- rows: 100
- size: 16.0 KiB
- encoding: utf8
- auto_increment: 101

DATABASE

SECTION

(MySQL 5.6.35) 127.0.0.1/testDatabase/drivers

Select Database: testDatabase

Structure Content Relations Triggers Table Info Query

Table History Users Console

TABLES

- drivers
- menu
- restaurants
- userLogin
- userProfile

Field	Type	Length	Unsigned	Zerofill	Binary	Allow Null	Key	Default	Extra	Encoding	Collation	Comment
id	INT	11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PRI		auto_increment			
firstName	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
lastName	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
age	INT	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None			
employeeNumber	INT	8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None			

INDEXES

Non_unique	Key_name	Seq_in_index	Column_name	Collation	Cardinality	Sub_part	Packed	Comment
0	PRIMARY	1	id	A	956	NULL	NULL	

TABLE INFORMATION

- created: 3/22/18
- engine: InnoDB
- rows: 1,000
- size: 80.0 KiB
- encoding: utf8
- auto_increment: 1,001

(MySQL 5.6.35) 127.0.0.1/testDatabase/userProfile

Select Database: testDatabase

Structure Content Relations Triggers Table Info Query

Table History Users Console

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Field	Type	Length	Unsigned	Zerofill	Binary	Allow Null	Key	Default	Extra	Encoding	Collation	Comment
id	INT	11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PRI		auto_increment			
firstName	VARCHAR	40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
lastName	VARCHAR	40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
email	VARCHAR	80	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
address	VARCHAR	100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
city	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
state	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
zip	INT	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None			
phoneNumber	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	
userName	VARCHAR	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			None	UTF-8 Unicode	utf8_general_ci	

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0	PRIMARY	1	id	A	101	NULL	NULL	

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REFERENCES

SECTION

Postmates Food Delivery: Order Eats & Alcohol - Android Apps on Google Play. (n.d.). Retrieved March 11, 2018, from <https://play.google.com/store/apps/details?id=com.postmates.android&hl=en>

Grubhub Food Delivery/Takeout - Android Apps on Google Play. (n.d.). Retrieved March 12, 2018, from <https://play.google.com/store/apps/details?id=com.grubhub.android&hl=en>

DoorDash - Food Delivery - Android Apps on Google Play. (n.d.). Retrieved March 12, 2018, from <https://play.google.com/store/apps/details?id=com.dd.doordash&hl=en>

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