

Food Oasis: Sprint 1

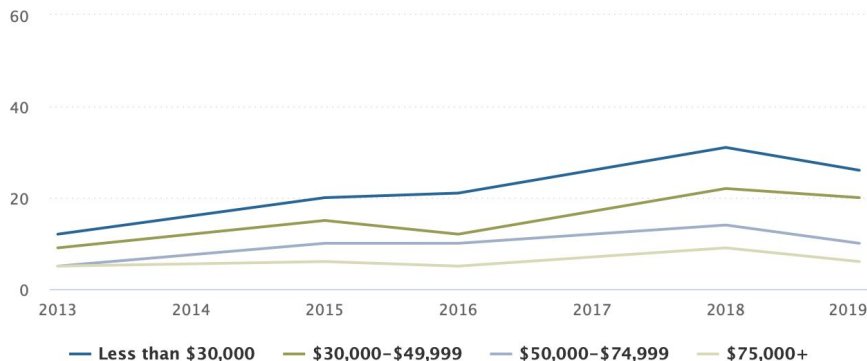
...

Sahara:
Pranthi Cavuturu
Sai Kalavakolanu

Epic 1: Meeting Tasks

Web app vs mobile app?

% of U.S. adults who do not use broadband at home but own smartphones, by income



Do you prefer a mobile application after seeing the statistics?

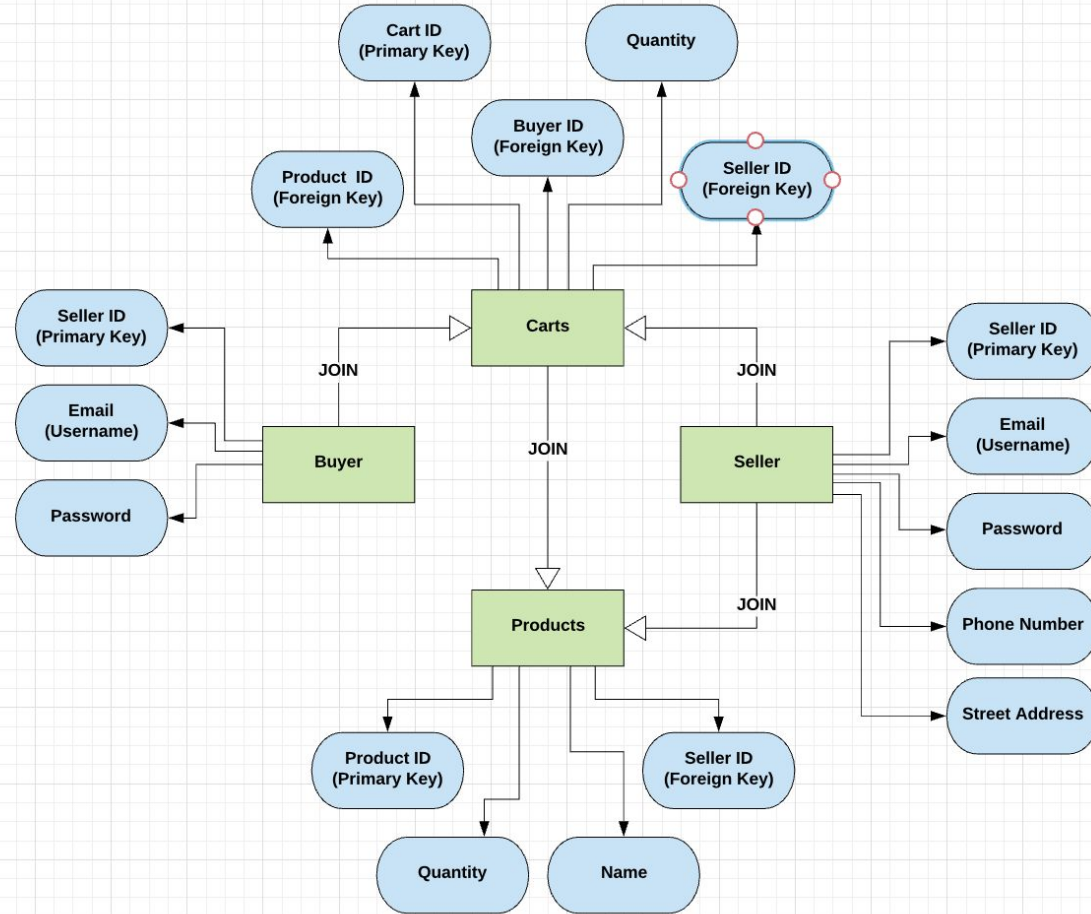
1 Yes 9

@Victoria Nguyen, @Ryan James Walden, @Pranthi Cavuturu, @David Bunker, @Saikrishna, @Daniel Green, @Paulyn Monasterio, @Jordan Aletraris, @Jingjing Wang

2 No

	Any cellphone	Smartphone	Cellphone, but not smartphone
Total	96%	81%	15%
Men	98%	84%	14%
Women	95%	79%	16%
Ages 18-29	99%	96%	4%
30-49	99%	92%	6%
50-64	95%	79%	17%
65+	91%	53%	39%
White	96%	82%	14%
Black	98%	80%	17%
Hispanic	96%	79%	17%
Less than high school graduate	92%	66%	25%
High school graduate	96%	72%	24%
Some college	96%	85%	11%
College graduate	98%	91%	7%
Less than \$30,000	95%	71%	23%
\$30,000-\$49,999	96%	78%	18%
\$50,000-\$74,999	98%	90%	8%
\$75,000+	100%	95%	5%
Urban	97%	83%	13%
Suburban	96%	83%	13%
Rural	95%	71%	24%

ER Model



GCP Permissions

```
aloye97@cloudshell:~ (model-union-254716)$ gcloud sql connect food-oasis-database --user=root --quiet --project="food-oasis-database"
Whitelisting your IP for incoming connection for 5 minutes...done.
Connecting to database with SQL user [root].Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MySQL connection id is 266
Server version: 5.7.14-google-log (Google)
```

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
MySQL [(none)]> use Food_Oasis_MySQL
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
```

Database changed

```
MySQL [Food_Oasis_MySQL]> show tables;
```

```
+-----+
| Tables_in_Food_Oasis_MySQL |
+-----+
| SELLERS                     |
+-----+
```

1 row in set (0.04 sec)

```
MySQL [Food_Oasis_MySQL]>
```

<https://console.cloud.google.com/home?cloudshell=true&project=model-union->

PERMISSIONS







RECOMMENDATIONS LOG

Permissions for project "Food Oasis Database"

These permissions affect this project and all of its resources. [Learn more](#)

View By: **MEMBERS** ROLES

Filter table

<input type="checkbox"/>	Type	Member 	Name	Role
<input type="checkbox"/>		aloye97@gmail.com		Cloud SQL Admin
<input type="checkbox"/>		pranthicavuturu@gmail.com		Cloud SQL Admin
<input type="checkbox"/>		skalavakolanu1@gmail.com		Cloud SQL Admin
<input type="checkbox"/>		waldenr1@gmail.com	Ryan Walden	Owner
<input type="checkbox"/>		wang.crystal97@gmail.com		Cloud SQL Admin

MySQL Tables

```
MySQL [Food_Oasis_MySQL]> show tables;
```

Field	Type	Null	Key	Default	Extra
productid	varchar(10)	YES		NULL	
cartid	varchar(10)	YES		NULL	
buyerid	varchar(10)	YES		NULL	
quantity	int(11)	YES		NULL	
sellerid	varchar(10)	YES		NULL	

5 rows in set (0.03 sec)

```
MySQL [Food_Oasis_MySQL]> describe BUYER;
```

Field	Type	Null	Key	Default	Extra
username	varchar(20)	YES		NULL	
password	varchar(20)	YES		NULL	
email	varchar(30)	YES		NULL	
address	varchar(30)	YES		NULL	
buyerid	varchar(10)	YES		NULL	
phonenumber	varchar(7)	YES		NULL	

6 rows in set (0.04 sec)

```
MySQL [Food_Oasis_MySQL]> describe CARTS;
```

Field	Type	Null	Key	Default	Extra
productid	varchar(10)	YES		NULL	
cartid	varchar(10)	YES		NULL	
buyerid	varchar(10)	YES		NULL	
quantity	int(11)	YES		NULL	
sellerid	varchar(10)	YES		NULL	

5 rows in set (0.03 sec)

```
MySQL [Food_Oasis_MySQL]> describe PRODUCTS;
```

Field	Type	Null	Key	Default	Extra
name	varchar(20)	YES		NULL	
sellerid	varchar(10)	YES		NULL	
price	decimal(10,2)	YES		NULL	
productid	varchar(10)	YES		NULL	
quantity	int(11)	YES		NULL	
expirationDate	date	YES		NULL	

6 rows in set (0.04 sec)

```
MySQL [Food_Oasis_MySQL]> describe REVIEWS;
```

Field	Type	Null	Key	Default	Extra
date	date	YES		NULL	
description	varchar(10)	YES		NULL	
stars	varchar(5)	YES		NULL	
sellerid	varchar(10)	YES		NULL	
reviewid	varchar(10)	YES		NULL	

5 rows in set (0.04 sec)

Epic 2: Personal Skill Development

Github and Zenhub

Cloud SQL and Android SDK

 Closed

GitHub and ZenHub (Sprint 1) #3

Issue Deliverables:

- [Learn ZenHub](#)
- [GitHub for Beginners](#)

Completed:

- ☒ Ryan
- ☒ Pranthi
- ☒ Sai
- ☒ Jingjing
- ☒ Ayobami

 Closed


Cloud SQL and Android SDK #12

- [Getting Started with MySQL on GCP](#)
- [Intro to Android SDK](#)

- ☒ Ryan
- ☒ Pranthi
- ☒ Sai
- ☒ Jingjing
- ☒ Ayobami


Epic 3: Diagrams and Visuals


- Use case diagrams
- State diagrams
- Sequence diagrams


 Sahara-Repo #16
Diagrams and Visuals

Filter by Epic Issues


Epic


 Sahara-Repo #15
Create two state diagrams showing complex processes of system


 Sprint 1

 Diagrams and Visuals


13


 Sahara-Repo #14
Create three significant, detailed use case diagrams for modules


 Sprint 1

 Diagrams and Visuals

13

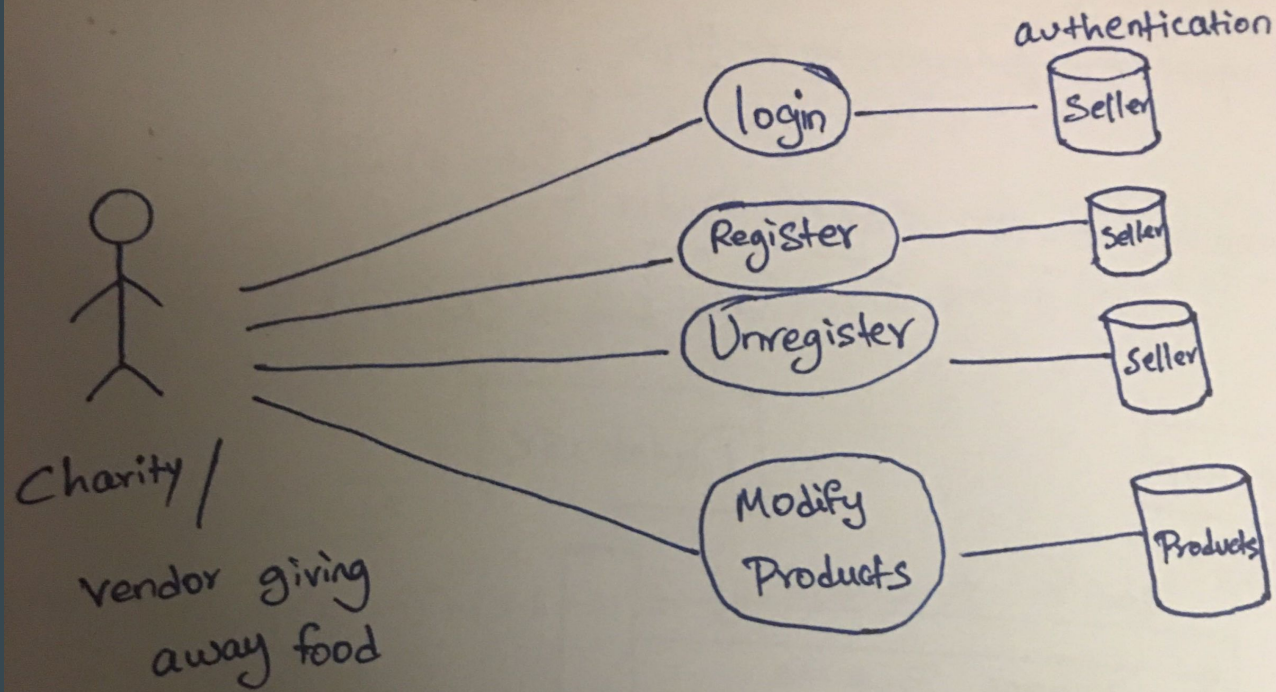
 Sahara-Repo #17
Create two sequence diagrams of processes (timeline)

 Sprint 1

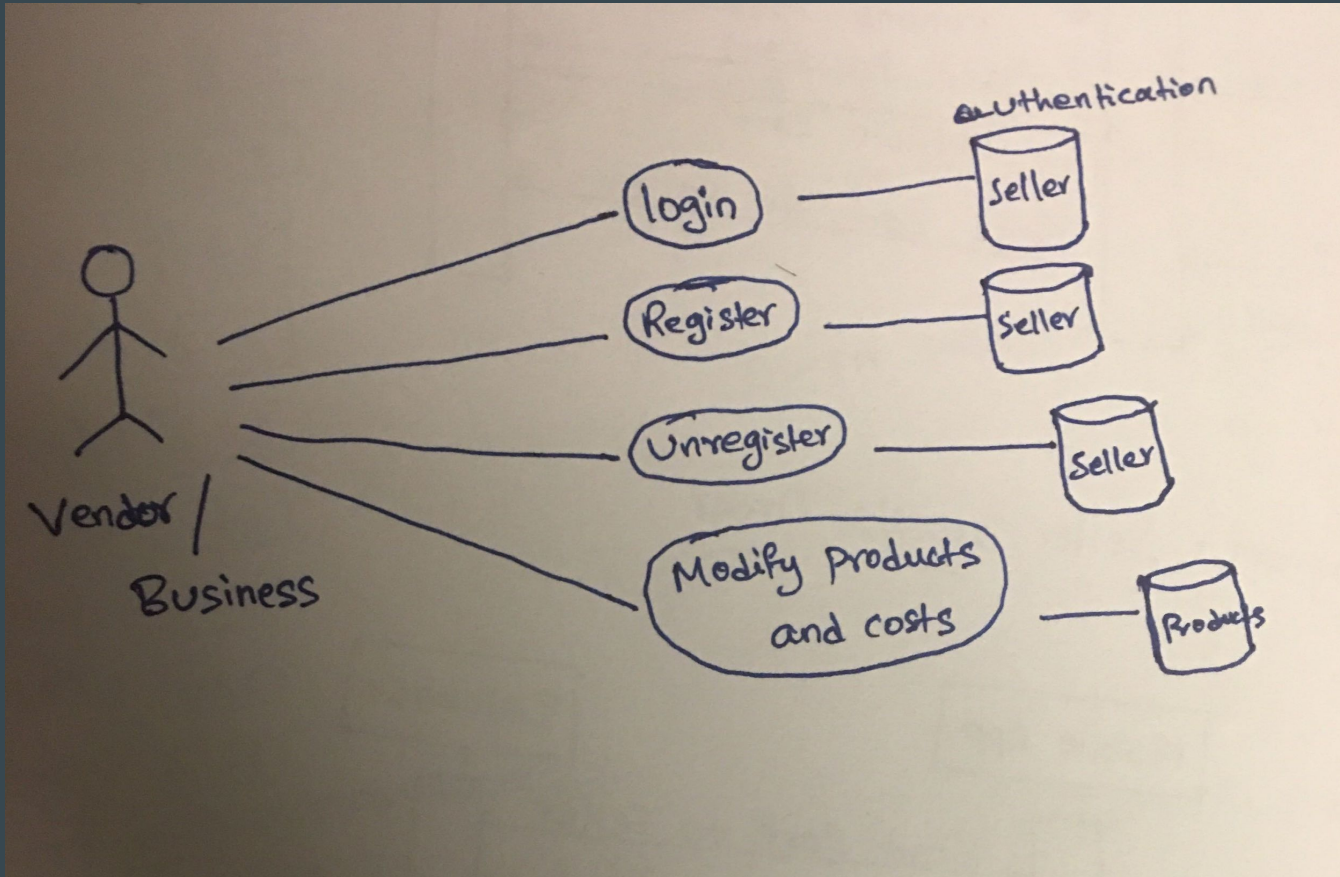
 Diagrams and Visuals

13

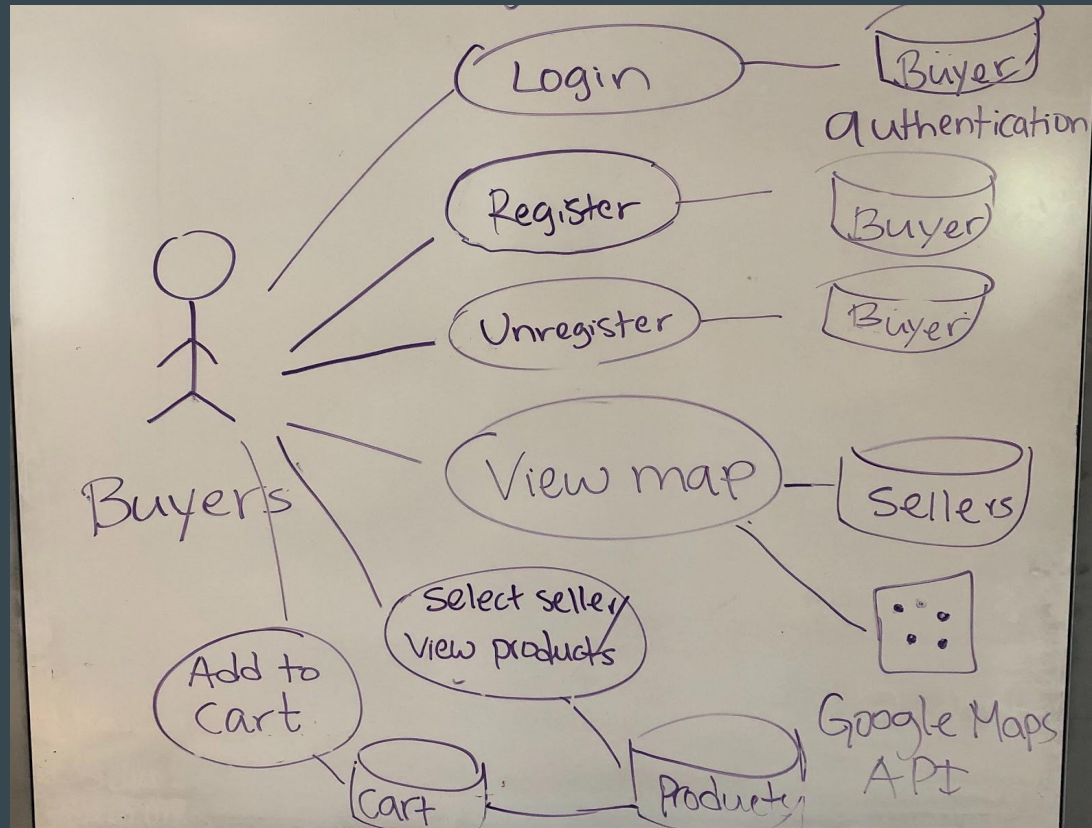
Use Case Diagram 1



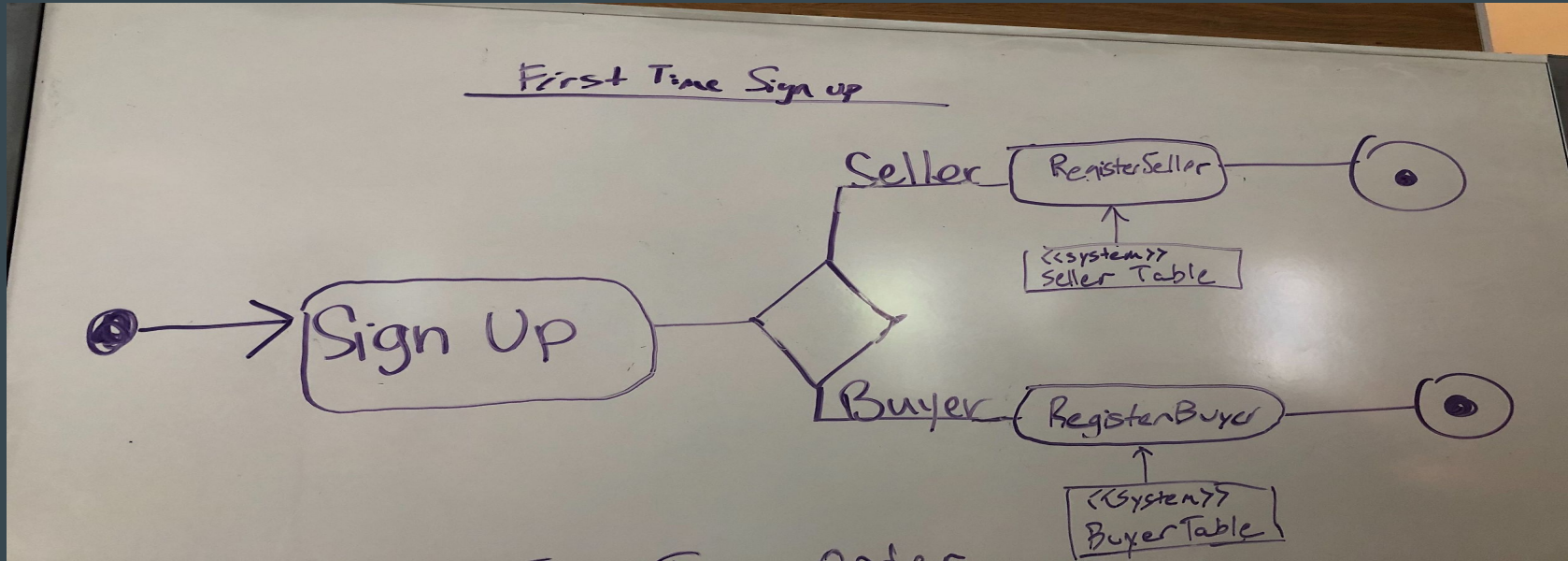
Use Case Diagram 2



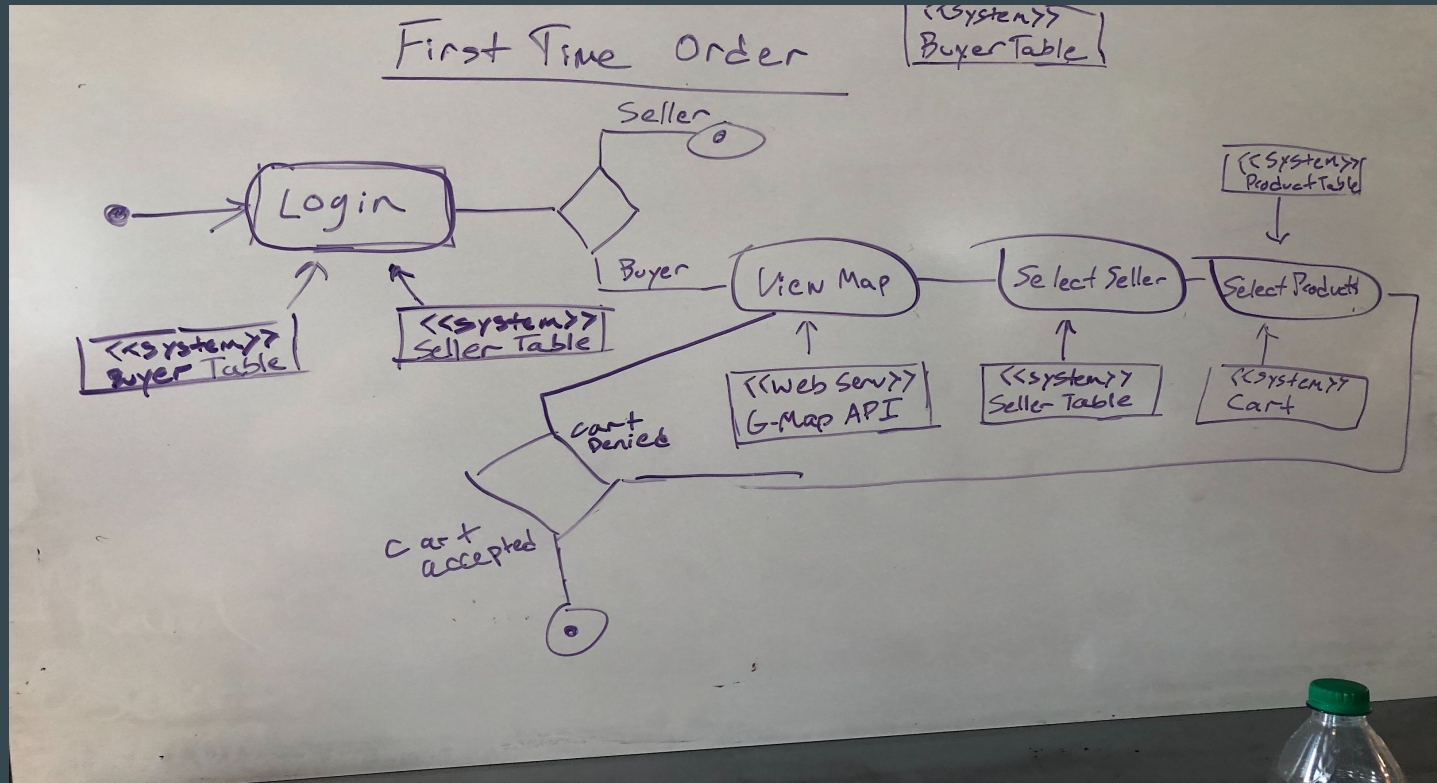
Use Case Diagram 3



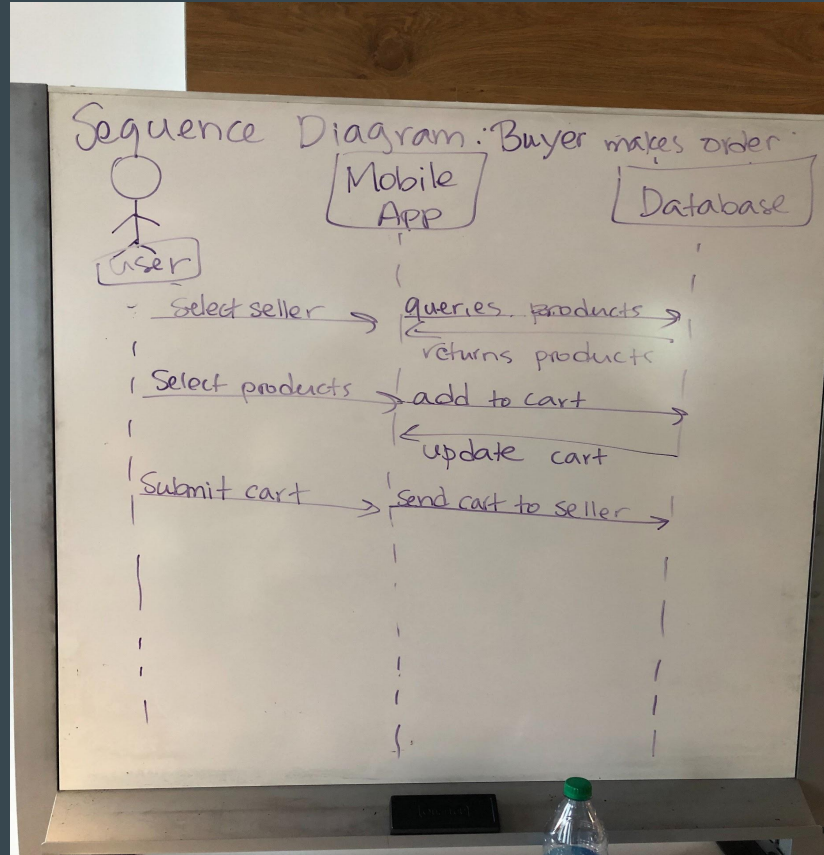
State Diagram 1: First Time Sign Up



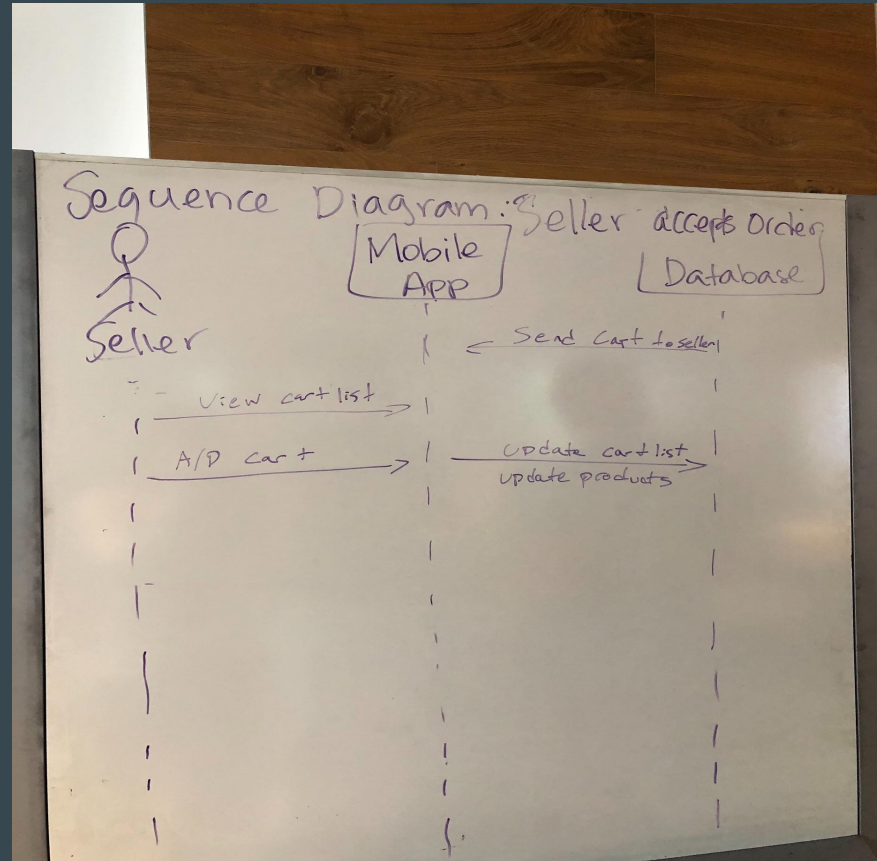
State Diagram 2: Buyer Order



Sequence Diagram 1 : Buyer Makes Order



Sequence Diagram 2: Seller Accepts Order



Burndown Chart

Sprint 1

Start **Sep 19, 2019** [Change](#) Due by **Oct 3, 2019** [Change](#)

🔍 Labels ▾

🔍 Hide Pull Requests

🔥 Burn Pipelines ▾

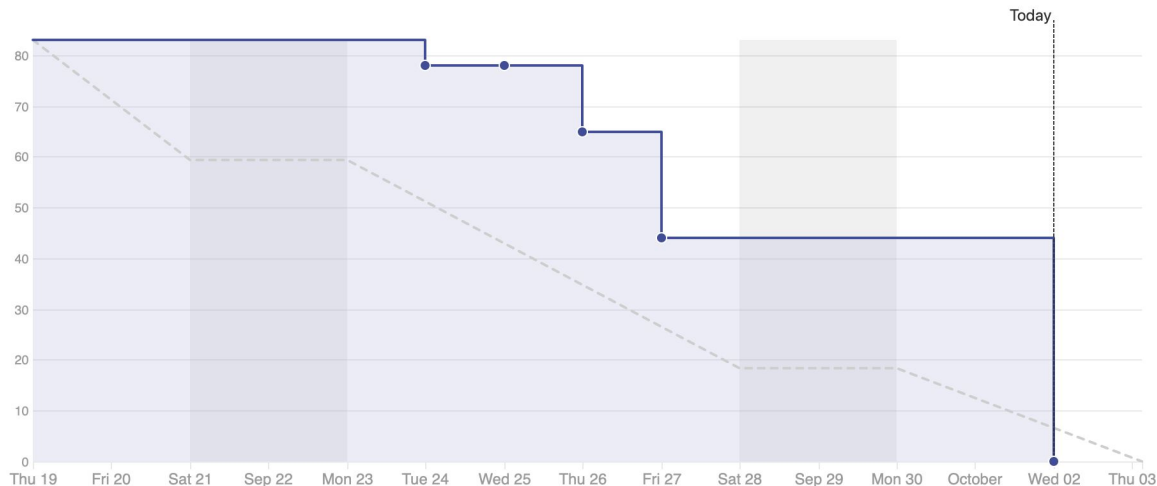
Burndown report



☐ Weekends

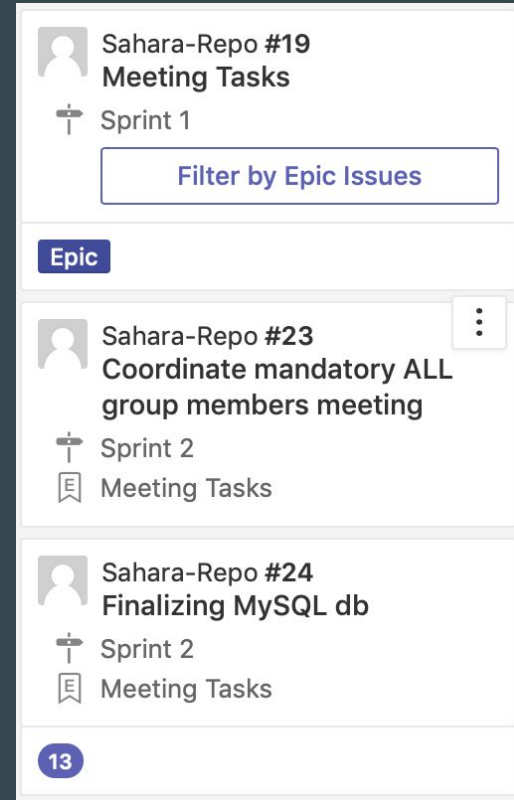
☐ Ideal

☒ Completed



Backlog Epic: Meeting Tasks

- All team member meeting crucial
- Finalizing database with all team members



The screenshot displays a Jira Backlog interface. At the top, there is a header for 'Sahara-Repo #19 Meeting Tasks' with a 'Sprint 1' icon and a 'Filter by Epic Issues' button. Below this, a section labeled 'Epic' contains three items:

- Sahara-Repo #23**
Coordinate mandatory ALL group members meeting
Sprint 2
Meeting Tasks
- Sahara-Repo #24**
Finalizing MySQL db
Sprint 2
Meeting Tasks

A blue circle with the number '13' is visible at the bottom left of the interface.



Backlog Epic: Setting Up


- Completing Hello World for Android Studio
- Integrating Android Studio with GCP


Service accounts for project "Food Oasis Database"


A service account represents a Google Cloud service identity, such as code running on Compute Engine VMs, App Engine & outside Google. [Learn more](#)


Filter table


<input type="checkbox"/>	Email	Status	Name ↑	Description	Key ID
<input type="checkbox"/>	 android-app@food-oasis-database.iam.gserviceaccount.com		Android App	This is the account we will use while developing the mobile Android application	No keys


 Sahara-Repo #4


 Complete Hello Worlds


 Sprint 2


 Setting Up




 Sahara-Repo #25

 Connecting to GCP with Android Studio

 Sprint 2

 Setting Up



Risks

- Integrating GCP with Android Studio
- Initially encountered a possible risk of buyer adding all seller's items to cart but created a carts table in the database (seller will be able to confirm)
- Assuring a consistent vision across Food Oasis and Saver Teams