

SEG2105 PROJECT FINAL REPORT

Fall, 2022

SEG 2105 [BV00]

Professor Wassim El Ahmar

TA: Manorama Upadhyay

December 7, 2022

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Bariq Talib: 300262681

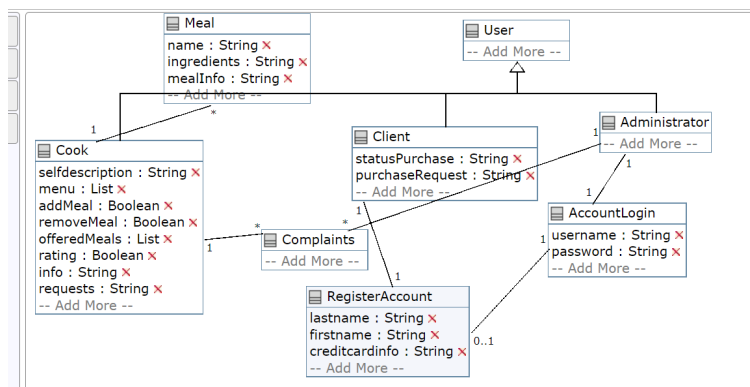
Sadie Sider-Echenberg: 300248944

Andres Ackland-Snow: 300081300

Introduction

During this class, we worked in a group of 4 to create an app. This app is called “Mealer” and was created by using AndroidStudio. The app allows local cooks to sell their meals to clients from their homes.

Updated UML Diagram



Table

Bariq	Sadie	Faiqah	Andres
User interface design Sign up page Link to firebase Code functionalities	Most of the code and application functionalities Managing firebase	UML diagrams Final report Code Testing/revision	Code Testing/revision Test files

Screenshots of app

Mealer App

Mealer

Create a new account

Full Name

Email

Password

Phone

☐ Register as a cook ☐ Register as a client

Mealer App

Mealer

Welcome!

cook

LOG OUT

ADD A MEAL TO YOUR MENU

Mealer App

add meal

add a description of the meal

add meal type

add cuisine type

☐ Add to Offered Menu

ADD TO MENU

SEE MENU

SEE OFFERED MENU

Mealer App

Pizza

Your favorite pizza 

Pepperoni

Italian

☐ Add to Offered Menu

ADD TO MENU

SEE MENU

SEE OFFERED MENU

Mealer App

Pizza



Your favorite pizza 🍕

Pepperoni

Italian

Cheeseburger



Best burger downtown 🍔

Sandwiches

American

Mealer App

Mealer

Welcome!

client

LOG OUT

SEARCH FOR A MEAL

Mealer App



Cheese Pizza

pizza
italian

SHOW MORE

Pizza

Pepperoni
Italian

SHOW MORE

Pasta

pasta
italian

SHOW MORE

Pepperoni Pizza

pizza
italian

SHOW MORE

Cheeseburger

Sandwiches
American

SHOW MORE

Pasta 2


SHOW MORE

Mealer App

Cheeseburger

Sandwiches

American

Best burger downtown 

cooklogin@gmail.com

TextView

SUBMIT PURCHASE REQUEST

Mealer App

Mealer

Welcome!

administrator

LOG OUT

2:54



Mealer App

Mealer

Welcome!

cook

LOG OUT

ADD A MEAL TO YOUR MENU

2:54    •



Mealer App

add meal

add a description of the meal

add meal type

add cuisine type

☐ Add to Offered Menu

ADD TO MENU

SEE MENU

SEE OFFERED MENU

Mealer App

Pizza

Your favorite pizza 

Pepperoni

Italian

☐ Add to Offered Menu

ADD TO MENU

SEE MENU

SEE OFFERED MENU

Mealer App

Pizza



Your favorite pizza 

Pepperoni

Italian

Cheeseburger



Best burger downtown 

Sandwiches

American

2:58



Mealer App

Mealer

Welcome!

client

LOG OUT

SEARCH FOR A MEAL

Mealer App



Cheese Pizza

pizza
italian

SHOW MORE

Pizza

Pepperoni
Italian

SHOW MORE

Pasta

pasta
italian

SHOW MORE

Pepperoni Pizza

pizza
italian

SHOW MORE

Cheeseburger

Sandwiches
American

SHOW MORE

2:59    •




Mealer App

Cheeseburger

Sandwiches

American

Best burger downtown 

cooklogin@gmail.com

TextView

SUBMIT PURCHASE REQUEST

Mealer App

Mealer

Welcome!

administrator

LOG OUT

Authentication

[Users](#) [Sign-in method](#) [Templates](#) [Usage](#) [Settings](#)

🔍 Search by email address, phone number or user UID

Add user



Identifier	Providers	Created ↓	Signed in	User UID
cooklogin@gmail.com	✉	6 Dec 2022	7 Dec 2022	3TFHkDNgR1YnZIfcwaXhoiXCLpC3
client6@gmail.com	✉	6 Dec 2022	7 Dec 2022	ebcgTvDBIJQIPCI90Sz1il4vDa02
mealer@gmail.com	✉	2 Dec 2022	2 Dec 2022	phWv2adhOdSCFFJaOkM4petJTO...
sadiecook@gmail.com	✉	2 Dec 2022	2 Dec 2022	GU8UGpbhogUqf3XrNIHCwPkFbQ...
admin1@gmail.com	✉	2 Dec 2022	7 Dec 2022	dBp4QqrlWrhsBFagayk2aBgiyyB3
faiqah@gmail.com	✉	2 Dec 2022	2 Dec 2022	Lre5iNcbpbgutU15Pvgu31URrP83
andres@gmail.com	✉	2 Dec 2022	2 Dec 2022	aPCq8hsXeAVqRBbov2nDO4wxjry1
cookuser@gmail.com	✉	1 Dec 2022	1 Dec 2022	CuwWwCflbaOlb8CrTCZPe0470tS2
a@gmail.com	✉	1 Dec 2022	1 Dec 2022	2vn1NqHryLPSKRYBSgGXvFzdjf53
november29@gmail.com	✉	29 Nov 2022	29 Nov 2022	7U00dgJi4TR6VyzPki5tiYTA5cA3
mupad@gmail.com	✉	28 Nov 2022	28 Nov 2022	oRMENhNtO2fuNjimZqRXQ3i0Pw...

Mealer App

Cloud Firestore

Go to docs

Panel view

Query builder

🏠

>

user_collection

>

phWv2adhOdSC.

More in Google Cloud

▼

mealer-app-19acf

+ Start collection

complaints

menu

purchase_order

user_collection >

user_collection

+ Add document

0DIkigHBuSZ0ft60EjiDSt0tpxJ3

1Prw39e0BmP6CkVWYyFMTCYDF193

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aPCq8hsXeAVqRBbov2nD04wxjry1

dBp4QqrIWrhsBFagayk2aBgiyyB3

ebcgTvDBlJQIPC190Sz1iI4vDa02

phWv2adhOdSCFFJaOkM4petJTOE2 >

phWv2adhOdSCFFJaOkM4petJTOE2

+ Start collection

+ Add field

active: true

role: "client"

uid: "phWv2adhOdSCFFJaOkM4petJTOE2"

username: "mealer@gmail.com"

📍 Database location: nam5

4:22



Mealer App

Mealer

Welcome!

administrator

SEE COMPLAINTS

LOG OUT

4:22



Mealer App



meal is undercooked



andres

Panel view

Query builder

mealer-app-19acf

+ Start collection

complaints

menu

purchase_order

user_collection

complaints

+ Add document

bskEoVTDoS0iQC0YdB9R

+ Start collection

Field

Type

Value

= string

Cancel

Add

This document has no data

4:46

3G

Mealer App

Mealer

Welcome!

cook

LOG OUT

ADD A MEAL TO YOUR MENU

SEE PURCHASE REQUESTS

4:52

3G

Mealer App

Mealer

Welcome!

administrator

SEE COMPLAINTS

LOG OUT

4:51

3G

Mealer App

cooklogin@gmail.com

REPORT ISSUE

meall
accepted

★★★★★

andres@gmail.com

Cheese Pizza
processing

★★★★★

andres@gmail.com

Cheese Pizza
processing

★★★★★

andres@gmail.com

Cheese Pizza
processing

★★★★★

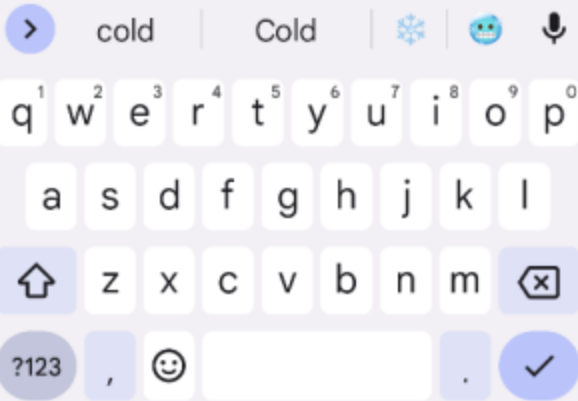
4:51

3G

Mealer App

meal was cold

SUMBIT



4:52

3G

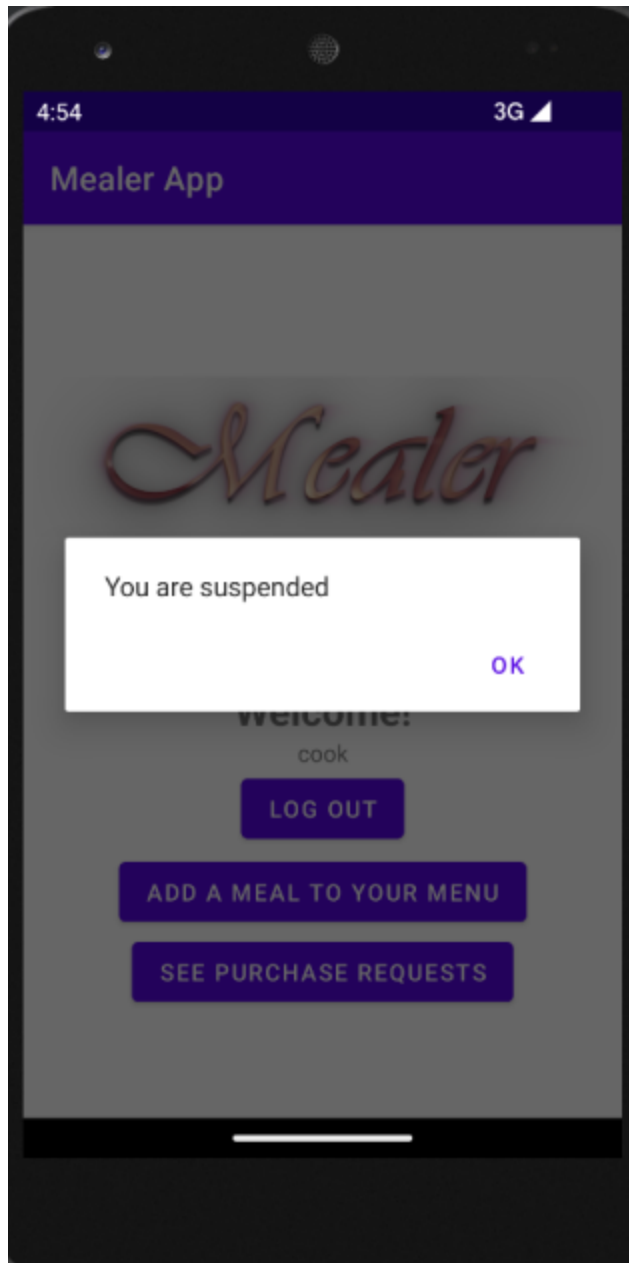
Mealer App

meal was cold



cooklogin@gmail.com





Lessons learned

This project was a great learning experience. While building this app, we learnt many new things, including how to use AndroidStudio and GitHub. We also learnt how to build an app. One very good skill we learnt is collaboration. We learnt how to cooperate and work together. This project also helped us learn more about UML diagrams.

