University of Ottawa
Final Report

Mealer App - Deliverable 4
SEG 2105 – Introduction to Software Engineering

Group 20
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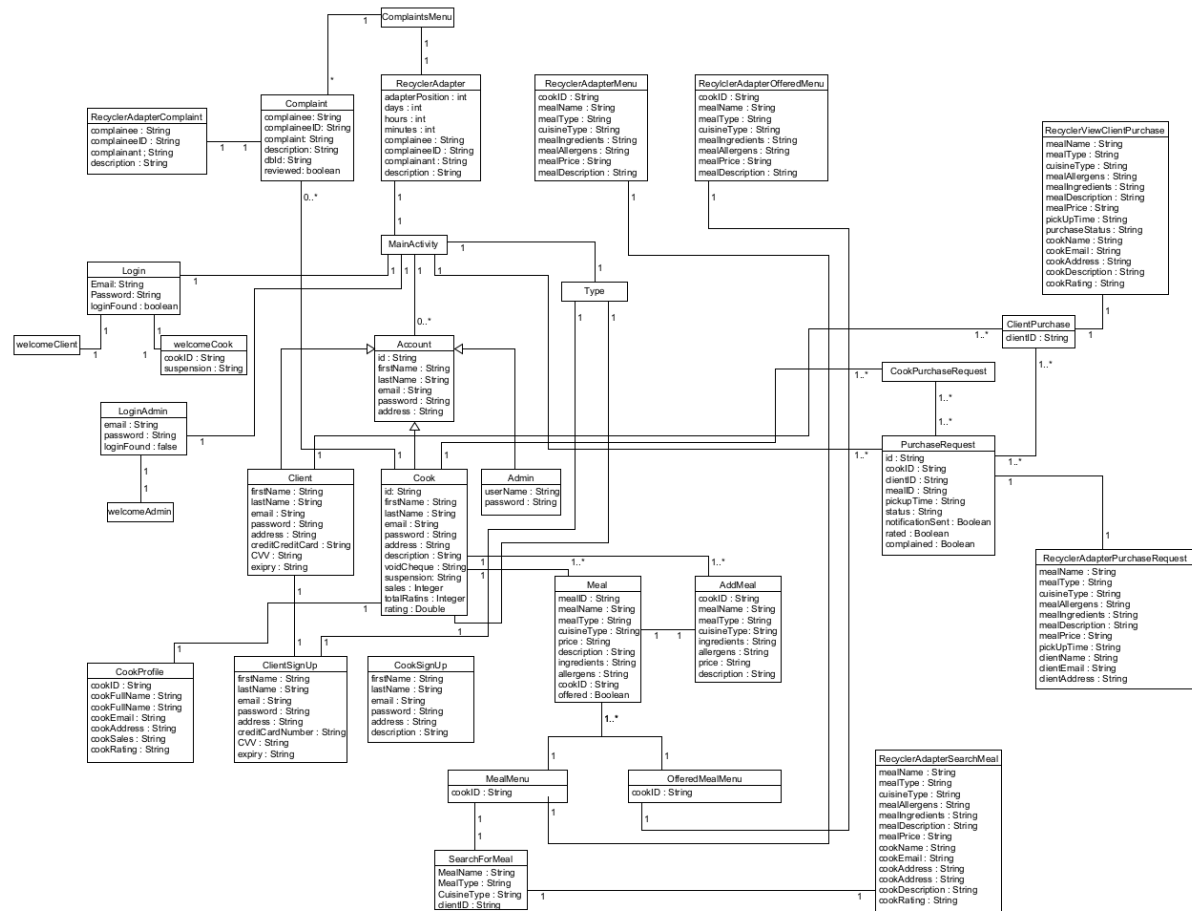Mohamad Bayaa #300251448
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Due Date. December 7th, 2022

Introduction

Our android application is an on-demand meal pick-up application. The purpose of this application is to allow clients to purchase meals from chefs, which they can pick-up afterwards. This app will be beneficial to both users and cooks as it will allow users to buy meals they enjoy and allow chefs to sell meals they can cook.

During the whole semester, we've committed to complete this application and make it better based on our increasing knowledge of programming for android, management and team-relation skills. In this report, we will show the outcome by using UML Diagram and app screenshots. Lastly, we will also summarize our team work during this semester.

UML Class Diagram

Contribution Table

Member	Mostafa Yassine	Adham Radwan	Maisam Al Nuaimi	Mohamad Bayaa
Contribution	- Worked on implementing admin features and functionalities (Complaints) - Worked on implementing database	- Worked on login pages functionality for Chef and customer - Worked on project report	- Worked on implementing the Chef user functions - Worked on GUI of the application (creating xmls and making them look nice)	- Worked on customer user functionality such as browsing by chef or recipe then making orders - Worked on UML reports

App Screenshots

Figure 1. Login Not Found Page
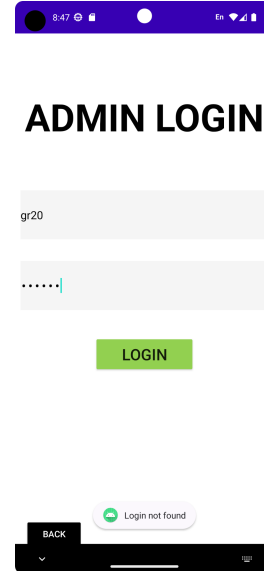

Figure 2. Login Not Found Admin Page
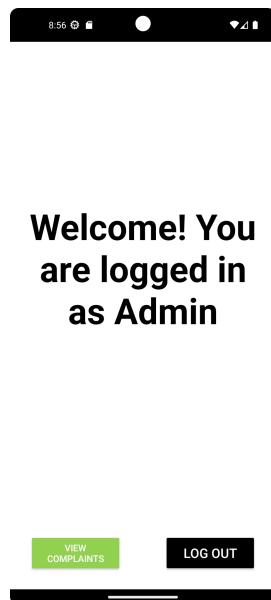

Figure 3. Admin Welcome Page
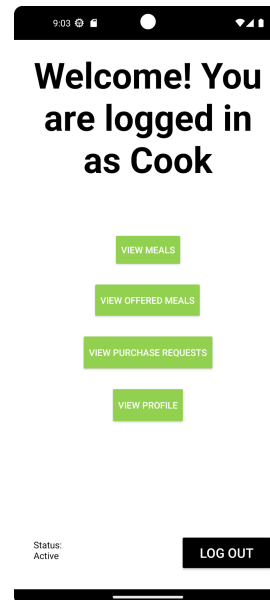

Figure 4. Welcome Cook Page

Figure 5. Select Role Page

SELECT A ROLE

CLIENT

COOK

BACK

Figure 6. Client Sign Up Page

Client Sign Up

Personal Information

Client

Demo

clientdemo@gmail.com

··········

80 Rue Laurier

Credit Card Information

1478523696325002

0224 | CVV

SIGN UP

One or Many Field Are Missing

BACK
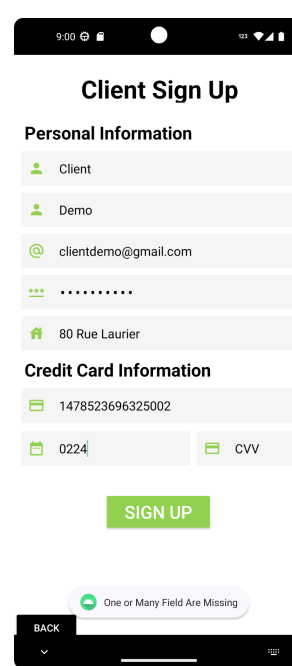
Figure 7. Cook Sign Up Page

Cook Sign Up

Personal Information

Cook

Demo

cookdemo@gmail.com

········

85 Rue Laurier

I am the Cook Demo

ADD PICTURE OF VOID CHEQUE

SIGN UP

BACK

Please Upload a Void Cheque
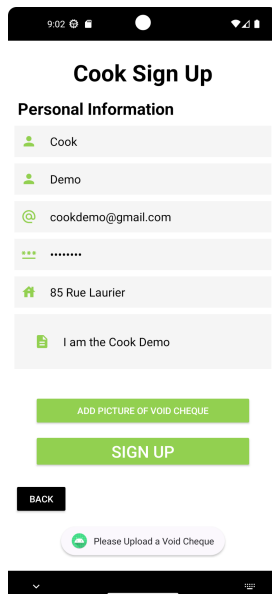
Figure 8. Main Sign in Page

mealer

Enter E-mail Address

Enter Password

LOGIN

Successfully Signed Up!

ADMIN | SIGN UP
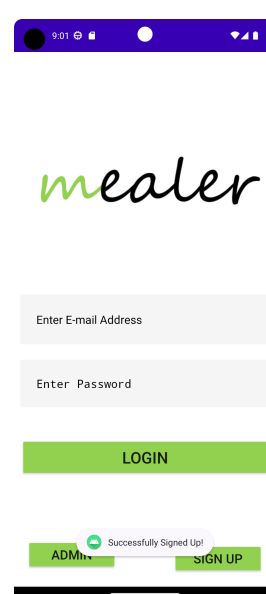
Figure 9. Adding Meal Page

SEG2105_Group20_Project

Add Meal

🍴 Steak and Fries

🍱 Dinner

🍱 American

🧂 steak, fries

🩹 gluten

$ 32.99

📄 Your favorite steak and fries!

ADD

BACK
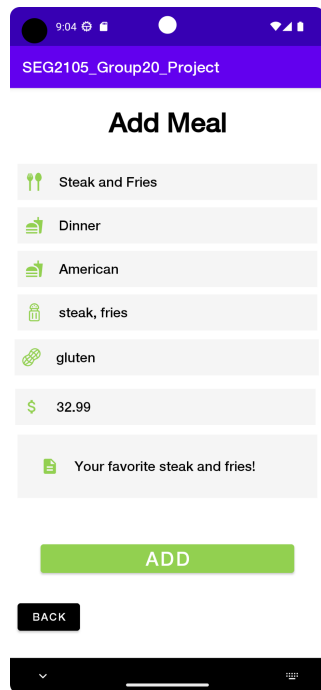
Figure 10. Cook's Menu Page

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Menu

Name: Steak and Fries

Meal Type: Dinner

Cuisine Type: American

Ingredients: steak, fries

Allergens: gluten

Price: 32.99$

Description: Your favorite steak and fries!

OFFER   DELETE

ADD ITEM

☁ Successfully Added Meal!

BACK
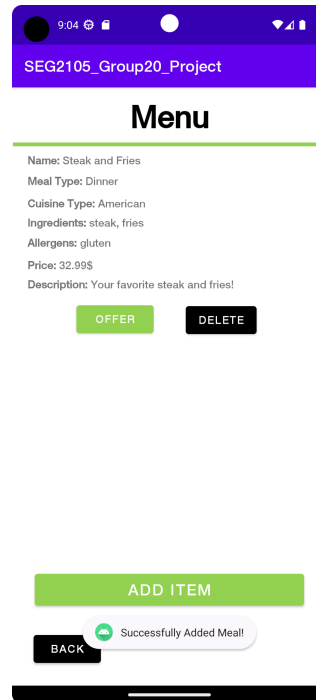
Figure 11. Cook's Offered Menu Page

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Cook's Offered Menu

Name: Steak and Fries

Meal Type: Dinner

Cuisine Type: American

Ingredients: steak, fries

Allergens: gluten

Price: 32,99$

Description: Your favorite steak and fries!

UNOFFER

BACK
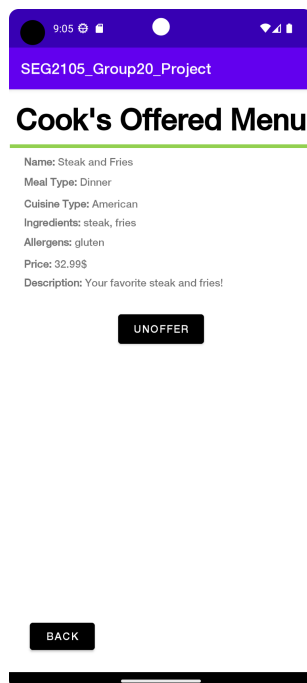
Figure 12. Client Welcome Page

Welcome! You are logged in as Client

VIEW PURCHASES

SEARCH FOR MEAL

LOG OUT
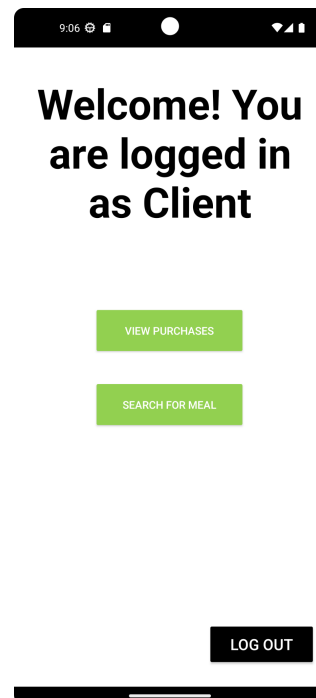
Figure 13. Invalid Pickup Time

Figure 14. Successfully Purchased Meal

Figure 15. Client Purchase Page

Figure 16. Client Purchase Page (Approved)

Figure 17. Cook's Purchase Requests

9:10 ⚙ 🔋 ⬤ ▼◢▮

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PURCHASE REQUESTS

Client Name: Client Demo
Client Email: clientdemo@gmail.com
Client Address: 80 Rue Laurier
Pick-up Time: 13:30 on 19/12/2023

Meal Name: Steak and Fries
Meal Type: Dinner
Cuisine Type: American
Ingredients: steak, fries
Allergens: gluten
Description: Your favorite steak and fries!
Price: 32.99$

REJECT   APPROVE

BACK

Figure 18. Cook's Profile

9:14 ⚙ 🔋 ⬤ ▼◢▮

SEG2105_Group20_Project

Your Profile

Full Name: Cook Demo

Email: cookdemo@gmail.com

Address: 85 Rue Laurier

Meals Sold: 1

Your Rating: 4.0/5

BACK

Figure 19. Admin List of Complaints

9:15 ⚙ 🔋 ⬤ ▼◢▮

SEG2105_Group20_Project

List of Complaints

Complainee: Cook Demo
Complainee ID: -NljTAt7JDXUrNJk-5yB
Complainant: Client Demo

Description: Gave him a 4 beause he was nice but the food was very cold

Suspension Time   SUSPEND

5/3/59   BAN   DISMISS

BACK

⌄   ⌨
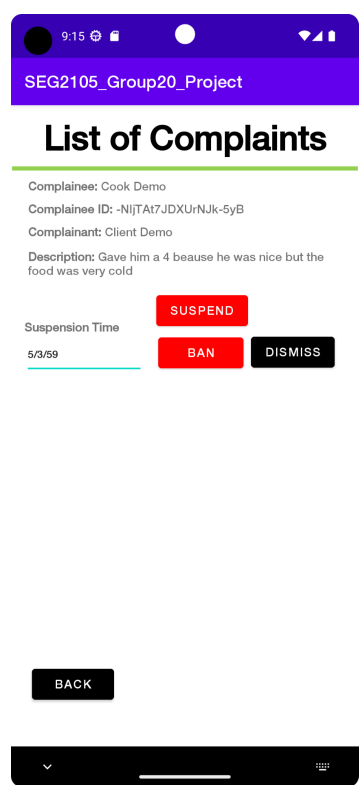
Figure 20. Admin Cook Suspended

9:15 ⚙ 🔋 ⬤ En ▼◢▮

SEG2105_Group20_Project

List of Complaints

BACK

🍽 Cook Suspended

⌄   ⌨

Figure 21. Suspended Cook Page

**Welcome! You
are logged in
as Cook**

Status:
Suspended for: 5D 3H 59M

LOG OUT
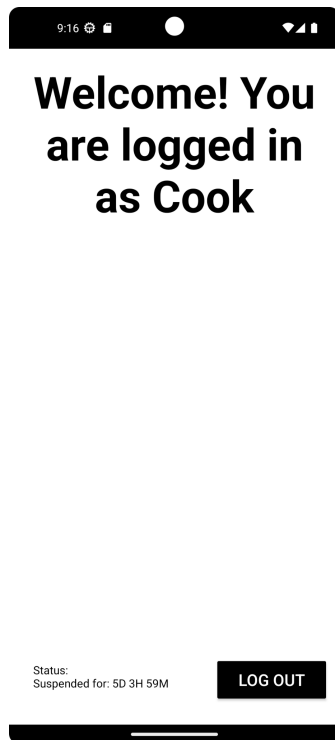
Figure 22. Banned Cook Page

**Welcome! You
are logged in
as Cook**

Status:
Banned

LOG OUT

Figure 23. Client Notification Page

NOTIFICATION: A Purchase Request Has been Approved!
Click View Purchases

**Welcome! You
are logged in
as Client**

VIEW PURCHASES

SEARCH FOR MEAL

LOG OUT
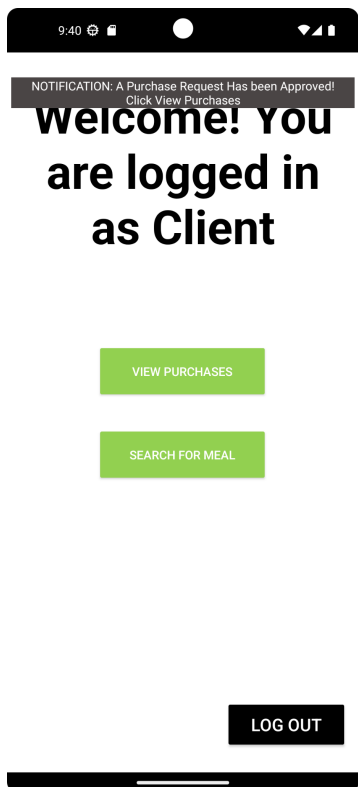
Lessons Learned

Mostafa: I learned to communicate with my teammates by dividing the tasks equally. Keep them up to date on the work I've been working on, notifying when I push any changes to the github and asking for updates from them. I also learned how to handle asynchronous and synchronous tasks, and which to execute in order to prevent any crashes or exceptions.

Adham: In this project, I learned how to work in a team, more specifically a software development team. I learned many new skills including Android Studio, dealing with git control and working with a database to implement features in our application. Overall, it was a great experience to learn from in future project work.

Mai: In this project, I have learned how to use object oriented programming (Java) in Android Studio and create functionalities for .xml files. Moreover, I have gotten the opportunity to learn about good designing habits that align with users' needs and make the application more user-friendly.

Mohamed: I learned how to collaborate with my group on GitHub and how to work well as a team. I also learned how to use android studio and firebase to develop applications.