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Faculte de Genie | Faculty of Engineering
Génie Logiciel Software Engineering

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Deliverable 4
Date Submitted: December 7, 2022

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1. Introduction

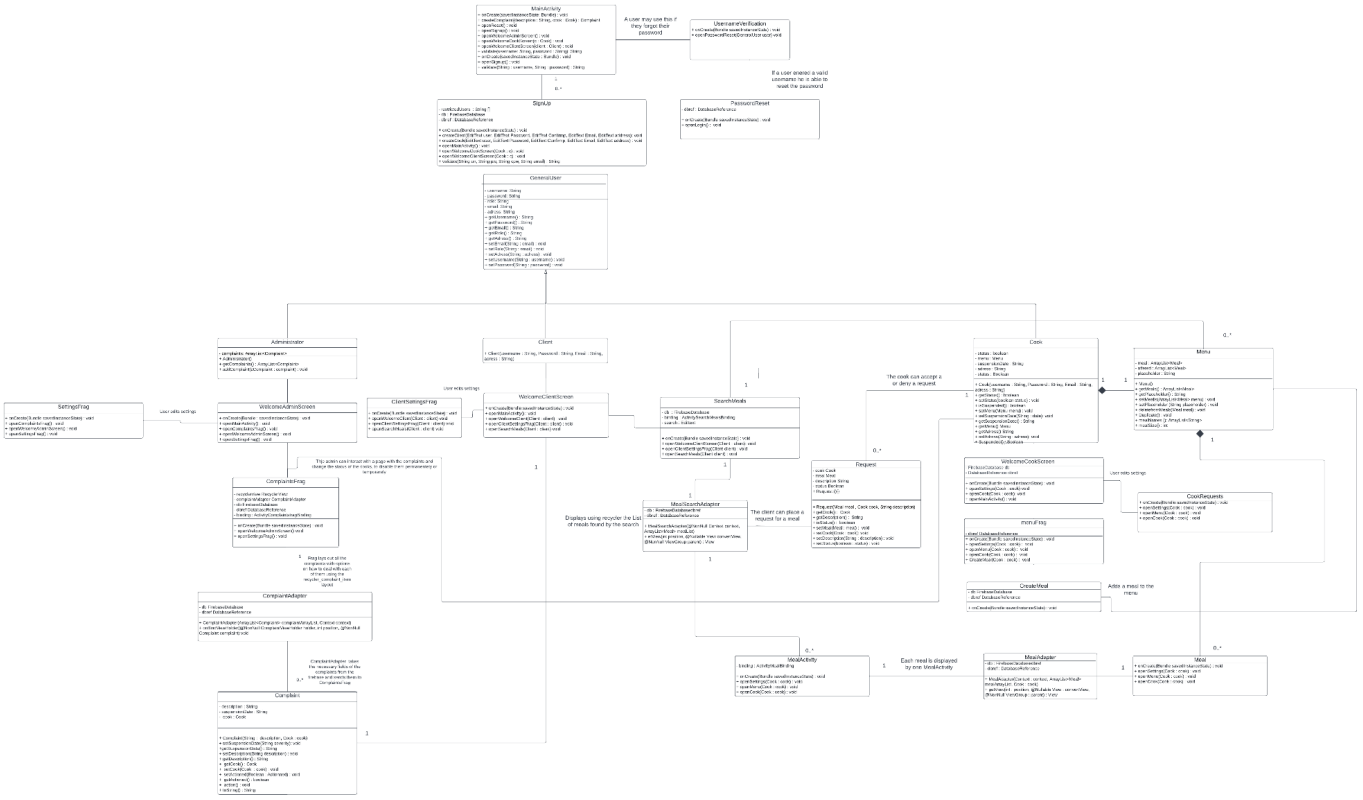
The goal of this project was to create an app which would allow cooks to sell meals. There are 3 classes of users, cook who can sell meals, clients who can buy those meals and lastly administrators who receive complaints about cooks from the clients and can choose to temporarily or permanently suspend cooks.

Clients can create an account if they provide their first name, last name, email address (which also serves as the username), a password, an address and credit card information (for payment purposes). Once their account is created, clients can search meals by meal name, meal type or cuisine type. The cook will need to approve of any purchase request.

One can create a cook account by providing the same inputs as for the client with the addition of a picture of a void cheque and a short self description. A cook can add a meal to their menu if they provide the following information: meal name, meal type, cuisine type, list of ingredients, allergens, price and a description. A meal can be on the menu but not offered, the cook chooses which meals are offered.

The administrator is a hard coded user who can look at complaints about cooks and can either ignore them, or suspend the cook either temporarily or permanently.

2. UML class diagram



The diagram is quite large and therefore hard to go through on this document but if you use the link which follows it is possible to see it in better quality:

https://lucid.app/lucidchart/9316bdad-d371-4569-b8c7-8a094ce04ccf/edit?invitationId=inv_c1727c91-a00d-4ad9-8fd4-de313d315786

3. Table specifying the contributions of team members for each deliverable.

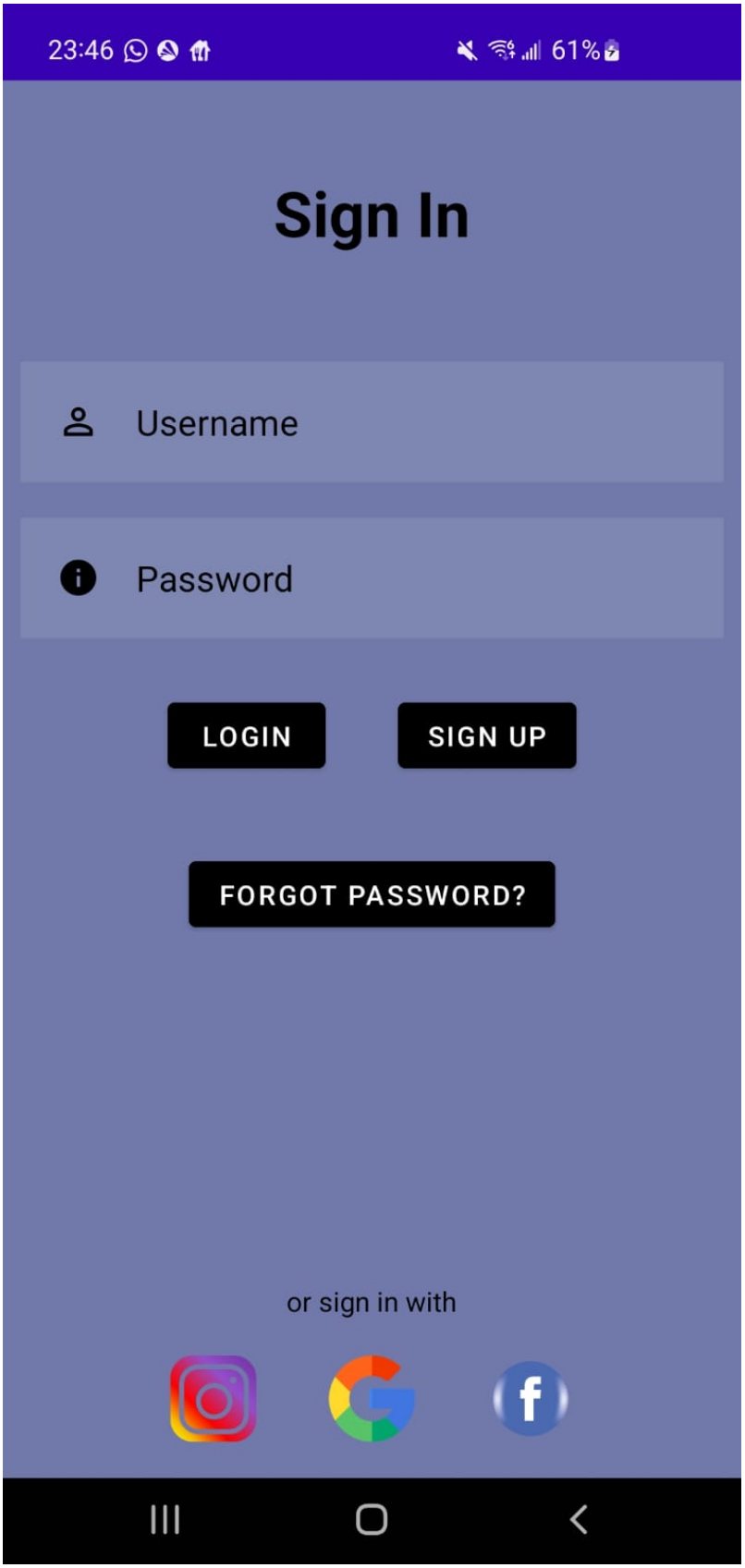
Table 1: Contribution of members:

Members	Deliverable 1	Deliverable 2	Deliverable 3	Deliverable 4
Gael Dupuy	**UML diagram Prepared submission documents (admin credentials, apk, etc.)**	**UML diagram, created a general user class, modified the user classes.**	**UML diagram, user classes.**	**UML diagram, Created/formated the final report**
Noah Aynalem:	**Creation and Integration of Firebase as DB**	**Administrator actioning complaints, suspending**	**Cooks adding meals to a menu, differentiatin**	**Client can submit a complaint about a Cook and its meal,**

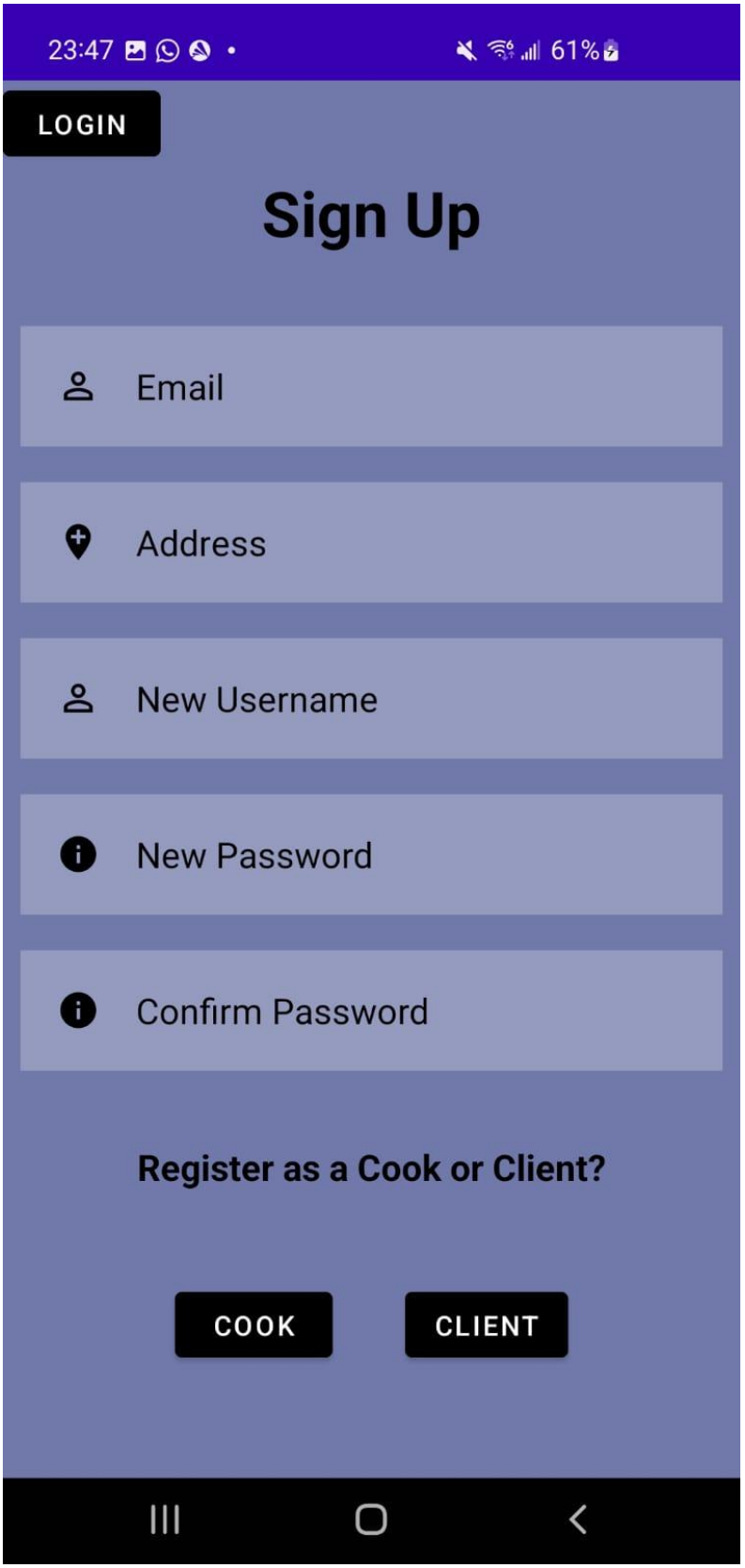
		cooks, and getting rid of complaints from the list, **Storing complaints in DB,** **Alerting Cooks to their suspensions**	**g between offered and non-offered meals, removing meals from being offered, deleting meals, deleted meals are automatically removed from offered**	**Client can view meal information for each meal,** **Client can search for meals using a cook's name,** **Resetting a user's password**
Isam Karroum:	**Create Login and Signup Pages** **Admin, Cook and Client classes**	**Created Complaints Action object** **Implemented actioning complaints, suspending and permanently banning chef's.** **Bottom menu integration added to admin**	**Cooks adding meals to a menu, differentiatin g between offered and non-offered meals, removing meals from being offered** **Bottom Menu Integration added to other pages**	**Created mealsearch, finalized and implemented many smaller function.** **Requests view, accept and decline on Cook implemented.**
Lisa Korolyov	**Creation & setup of Github repository** **UML diagram**	**Wrote test cases** **Put together submission documents** **Aesthetic adjustments**	**Wrote test cases** **Added main cook functionalitie s: creating meals, adding to offered, deleting from offered, etc.**	**Made aesthetic adjustments in the app (ex: background color)** **Fixed button colors for phones in Dark Mode**

4. All the screenshots for your app.

Sign in Page

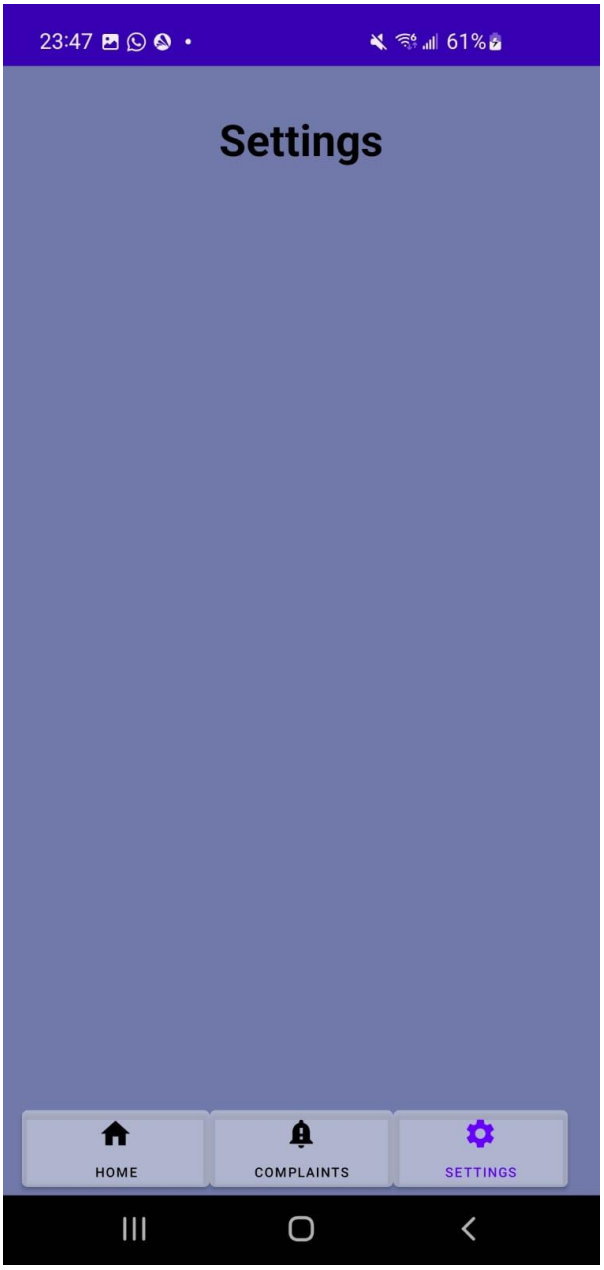

23:46
61%
Sign In
Username
Password
LOGIN
SIGN UP
FORGOT PASSWORD?
or sign in with

Sign up page


23:47
61%
LOGIN
Sign Up
Email
Address
New Username
New Password
Confirm Password
Register as a Cook or Client?
COOK
CLIENT

Complaints Action Center

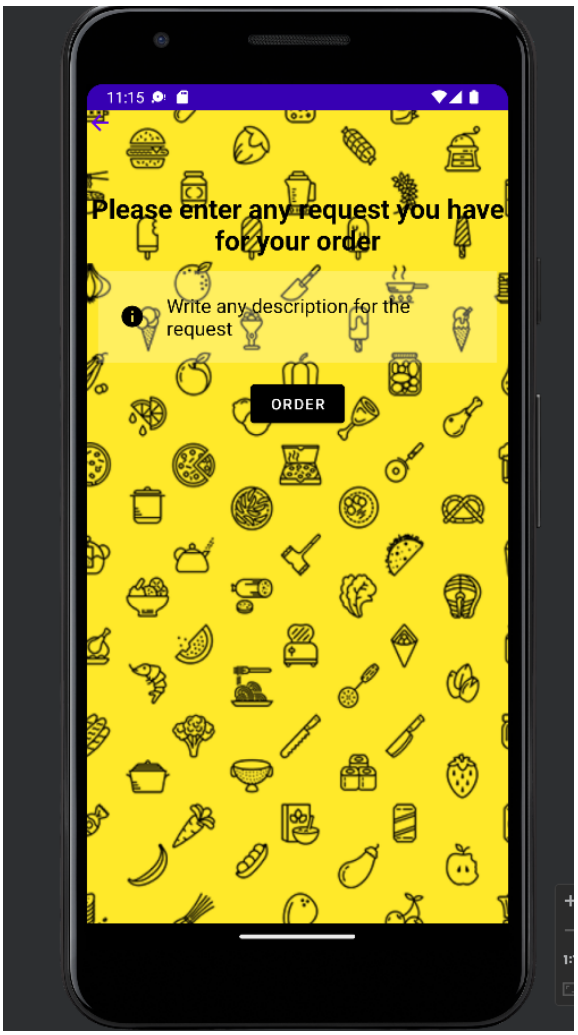
Admin Settings



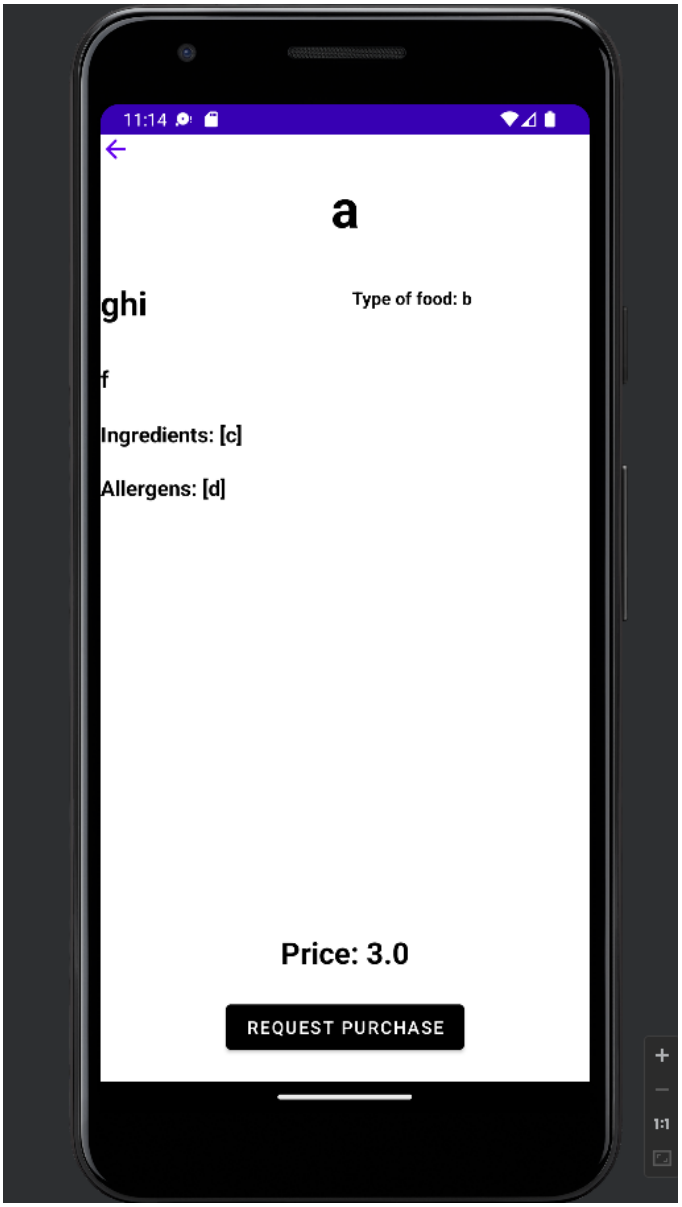
Client Welcome Screen

Search Meal Screen

Request description screen



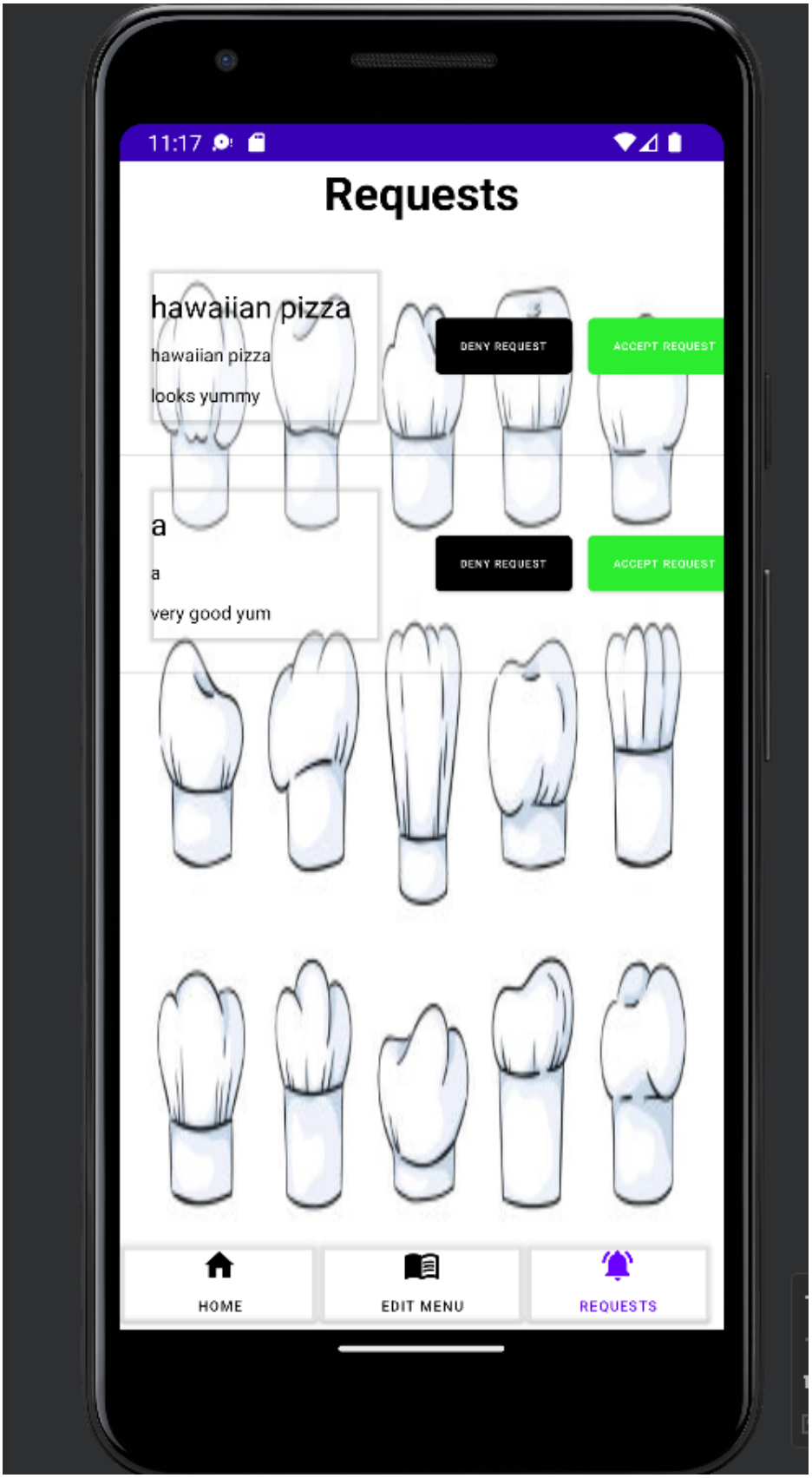
Client request screen


11:14
a
ghi
Type of food: b
f
Ingredients: [c]
Allergens: [d]
Price: 3.0
REQUEST PURCHASE
1:1

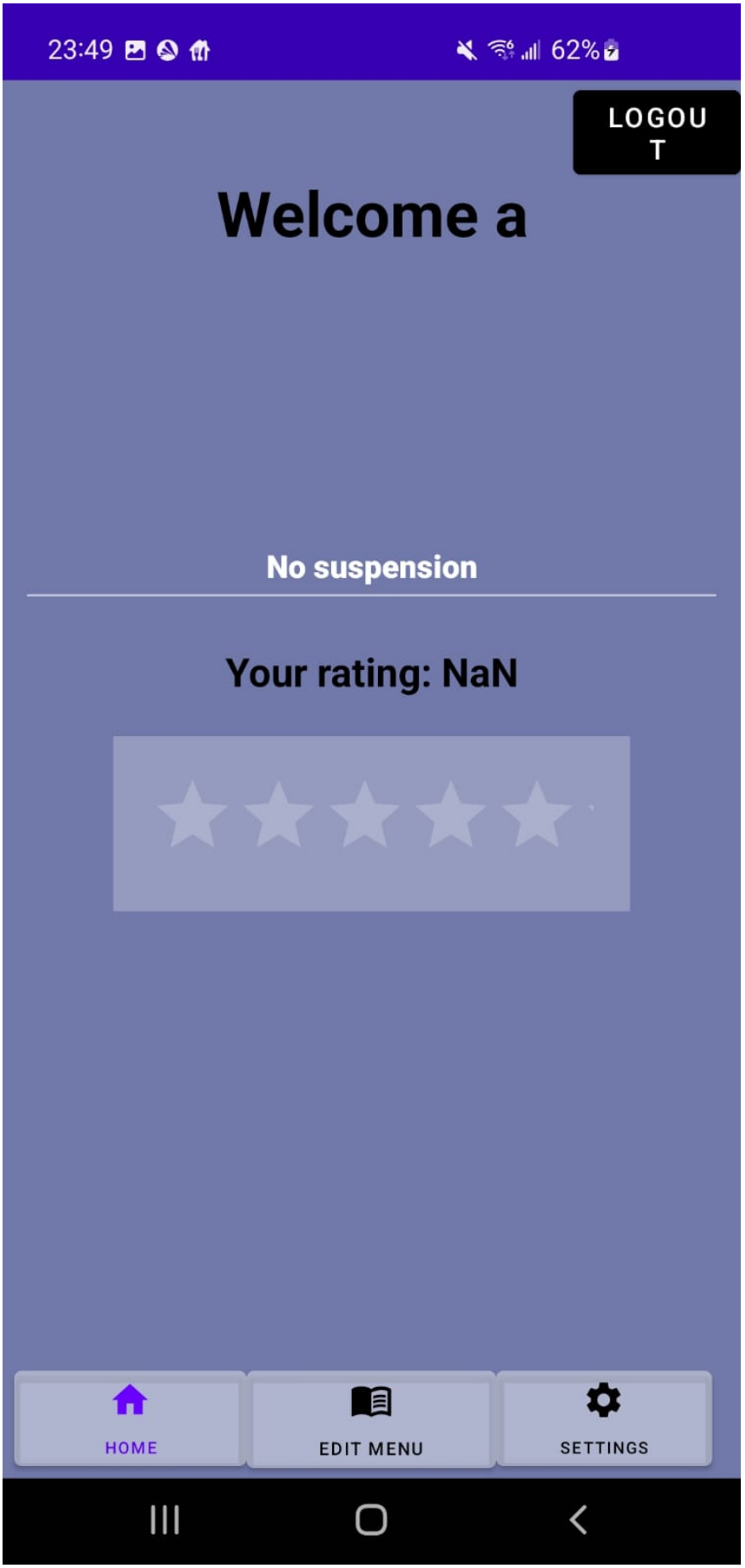
Settings

Cook Menu

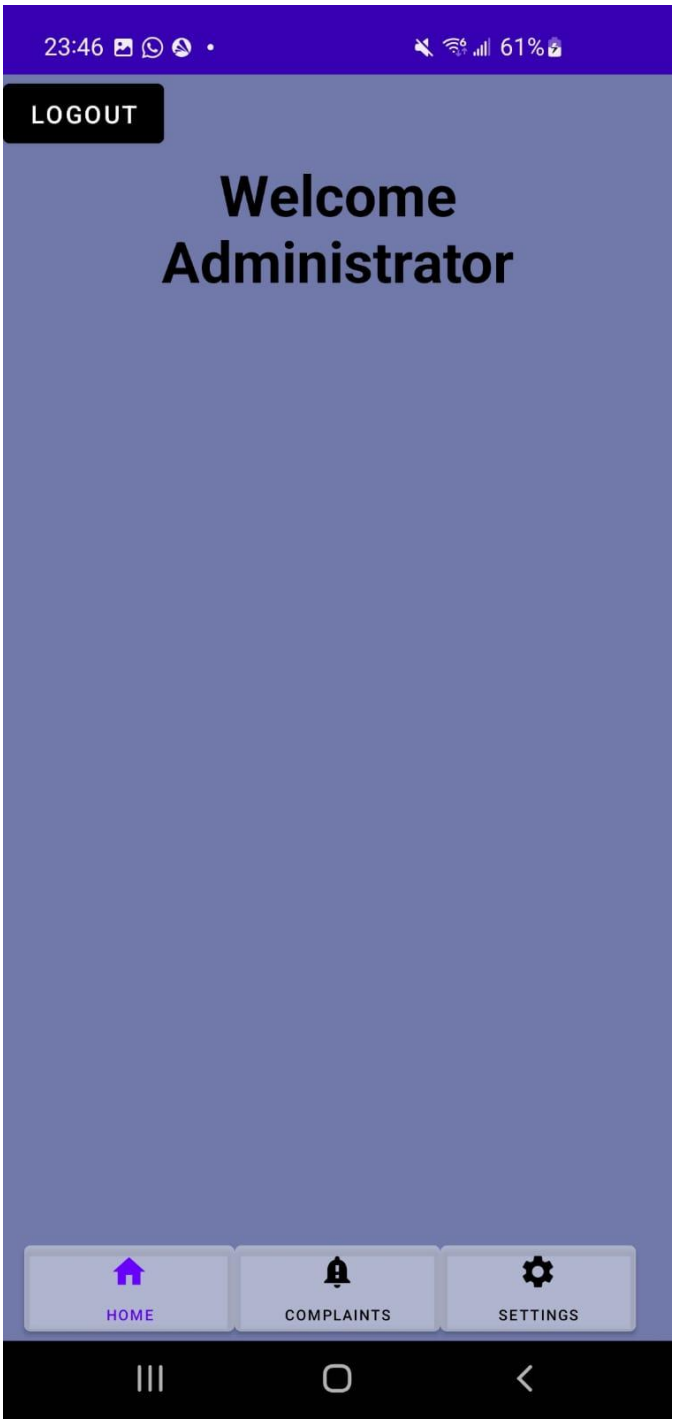
Request from cook perspective

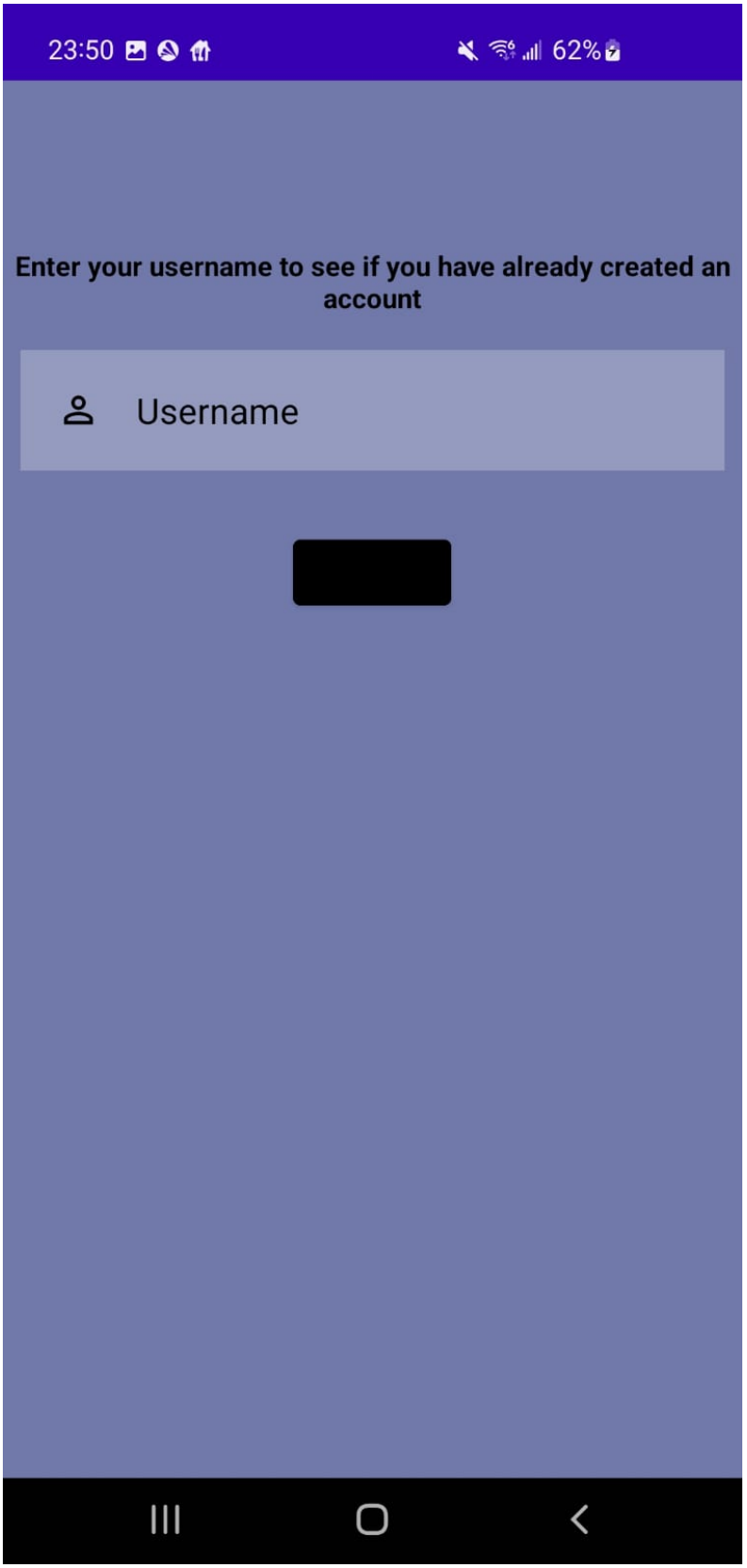


Cook welcome screen


23:49
62%
LOGOU
T
Welcome a
No suspension
Your rating: NaN
HOME
EDIT MENU
SETTINGS

Admin Welcome Screen





5. Lessons learned (5 points)

The use of list view helped a lot in this project. Things that took up to its discovery hours to do became much easier to manage.

I learned many ways to use firebase data with uml. Listview and bindings along with adapters was a new concept to me and will be extremely useful in the future. Gained extensive knowledge of uml and layout management. Learned new functions to search deeper and more specifically through firebase. Many methods such as onDataChange(), setAdapter(), etc were introduced through this.