Meals App Documentation

Course: **Mobile App Development**
Student: **Gabriela Istrate**
Date: 27.10.2023

1. User Stories

1. As a user, I want to view the list of available categories so that I can easily browse and select the type of meal I'm interested in.
2. As a user, I want to be able to view a list of meals under a specific category, allowing me to explore different meal options within that category.
3. As a user, I want to view the details of a specific meal, including its name, description, ingredients, and possibly a photo, so I can learn more about it before deciding to prepare it.
4. As a user, I want to add meals to my list of favorites for quick and easy access, and I want the ability to remove them from my favorites list if my preferences change.
5. As a user, I want to rate meals, and I expect these ratings to persist and be visible when I view the meal details or across different screens. (Extra Feature)
6. As a user, I want to be able to filter the list of categories, making it easier for me to find the specific meal in a category I'm interested in, especially if there are a large number of categories available.
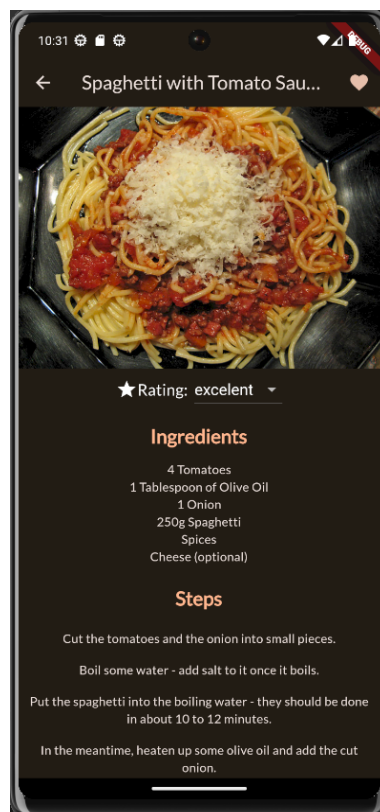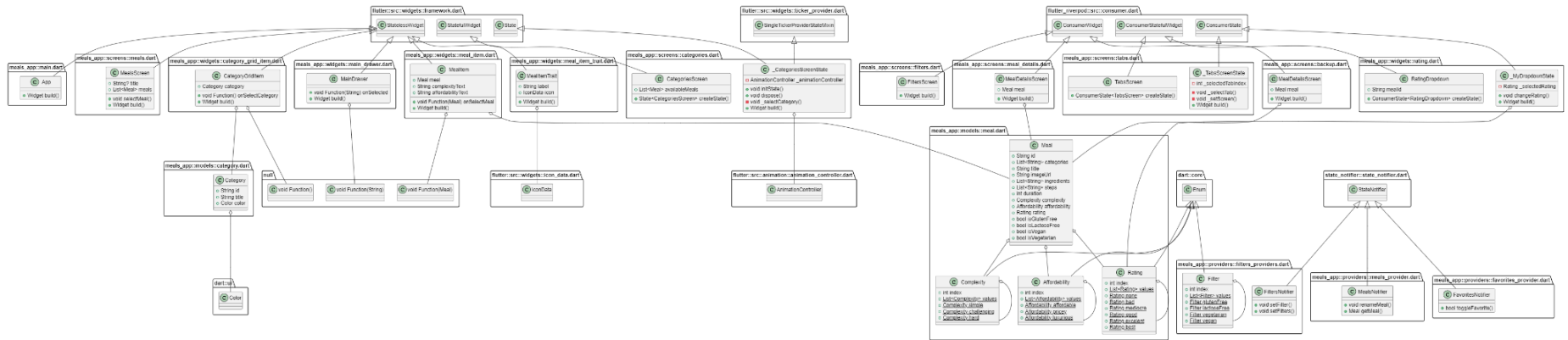
2. Extra feature

Fig 1. Add Rating to a meal

3. Class Diagram

Note: Please refer to the class diagram picture under /documentation for better visibility

4. Peer Review Reflection

Despite seeing the value in working as a team, the workload made it near impossible for me and my pair to collaborate. We both focused on learning from the course and implementing the base application. However, we got to discuss the extra features and learn from each other's experience.

Thomas was of valuable help as I was struggling to implement persistence in my project. I wished to retain the meal rating across different screens and we tried using his extra feature in combination with mine.

After re-visiting the udemy course, I managed to implement a solution using the providers and we dropped his idea. However, we both got a better understanding of each other's features and flutter in general as a result.

We also shared thoughts about how complex the app was in comparison with the previous assignment and identified elements that we can use in the group project to come.