Jose Fonseca
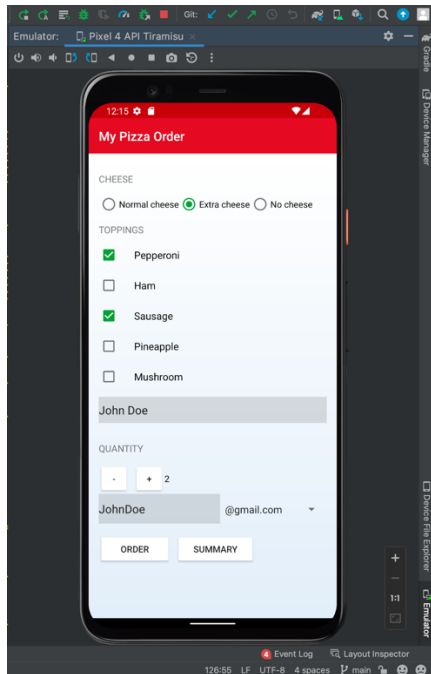
jrfvd6@umsystem.edu

https://github.com/JoseFonseca23/WebMobile-2022Spring/tree/main/2022Spring-Mobile/Mobile_ICP9

CS 490 - Web and Mobile Programming
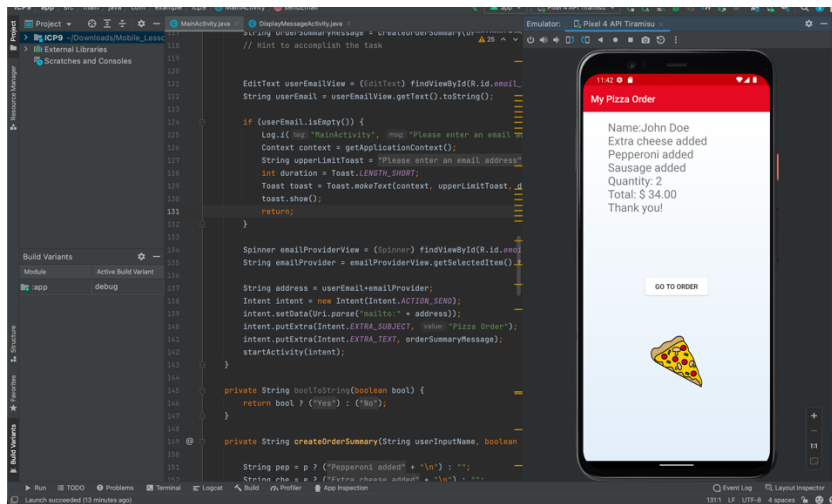
ICP9 Documentation

In this ICP we mainly focused on working with layouts, views, and intents to improve our knowledge and experience with creating Android applications. We were provided with an unfinished application for ordering coffee. My approach to this ICP was to complete the coffee app and then modify it after I understood what it did. I used the Linear Layout that was already in the coffee app, but I modified View Group so that certain options were aligned next to each other like order and summary buttons that we needed to add. On top of that I used other features such as spinner to allow different email providers to be selected for simplicity. Checkboxes were used to allow toppings to be added onto the pizza, Radio View was used for the choice of cheese amount the user can use.
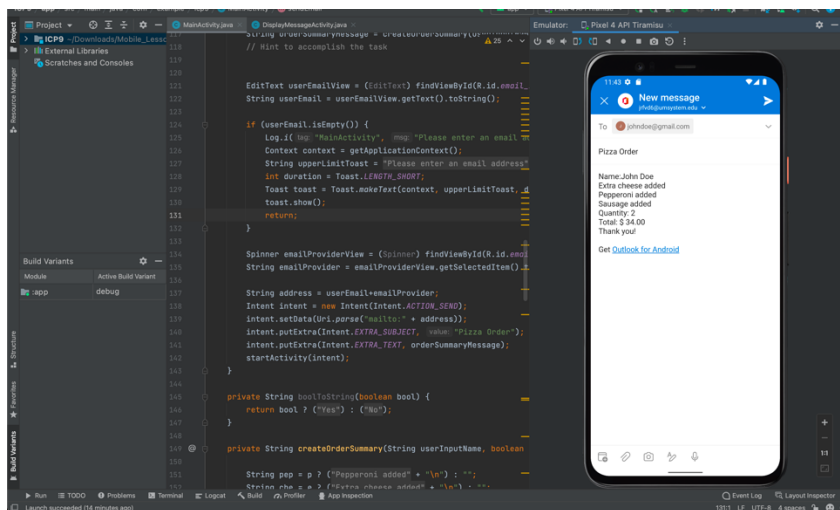
Main activity

When the order and summary buttons are pressed, they both use a form of Intents. The

summary button will use a basic Intent that will start a new activity that will simply display the

summary provided with the information selected from the main menu. In this new activity the

other elements beside the summary text are a return button that destroys the activity and

resumes the previous one, as well as an image of a pizza. The order button is a bit similar but

uses the Intent ACTION_SENDTO to compose an email with the summary and would open the

users email application with said email ready to send to the user provided.

Summary activity

Email result of order button press

Overall, this was a bit difficult compared to the previous ICP, but I enjoyed it way more. I

was allowed to use more of what was hinted at in the previous one, and I became more

accustomed to the IDE.