

CECS 453

Lab assignment 5

Due date: Friday, November 14

40 points

In this lab assignment, you have the opportunity to collaborate with your team members. When you submit the lab assignment, you only need to demonstrate your app with one team member.

You will add the following activities (screens) to the code lab 15.

When you run the app, the home screen features a search function that allows users to find a product by its identification number or name. If the search is successful, the app displays a new screen showing the product name, price per item, and the number of units available in inventory. This screen also includes an input field where users can enter the quantity of items they wish to order. Once the user submits the order, another screen will display details of the ordered item, including the product name, price per item, quantity ordered, total cost, and the number of remaining items in inventory.

You are required to do the following:

1. Use ViewModel.
2. Utilize the navigation components (routes and NavHostController) to navigate between screens.
3. Ensure that the app bar responds appropriately to navigation with the new screens. Clicking the Up button should take the user back to the previous screen.
4. When the user navigates back to the ordered screen, the previously entered data should still be displayed. there.

Grading submission

Each team member submitted the following:

1. Submit the project in a zip file (extension zip)
2. A PDF document that contains the code that you added to the code lab 15
3. A Zoom link or YouTube that demonstrates the ordering process (less than 3 minutes).
 - a. Search a product
 - b. Order the product
 - c. Show the final order
 - d. Click the up button to navigate to the home screen

4. Write the video link in the comment section in the assignment submission on Canvas.
5. Write the full name of the team member that demonstrates the lab to you. Does the team complete all the requirements of the lab?
 - a. Use the navigation components (routes and NavHostController) to navigate between screens.
 - b. Make the app bar respond to navigation with your new screens. Clicking on the Up button should navigate to the previous screen.
 - c. When the user navigates back to the ordered screen, the previous data should still be there.

The app is running correctly and meets all the requirements, but

- Incomplete item 1(-40 points)
- Incomplete item 2 (-20 points)
- Incomplete item 3 (-40 points)
- Incomplete item 4 (-30 points)
- Incomplete item 5 (-20 points)