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Tech Stack: Kotlin, Android Compose

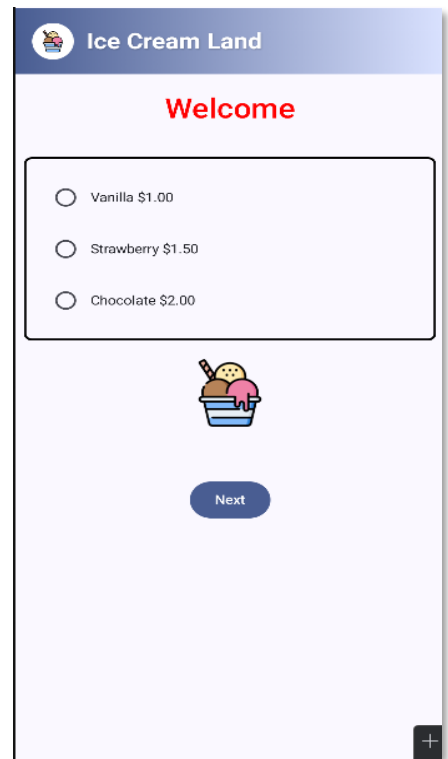
ICE CREAM LAND DOCUMENTATION

Completed this 'android compose' project by following the process below:

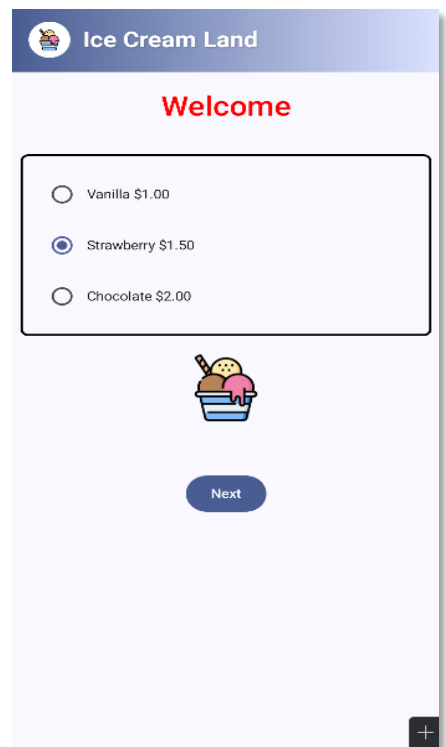
1. Created a new application using 'Empty Activity' template on Android Studio.
2. I added and synced the following to the build.gradle.kts file
 - a. `implementation("androidx.navigation:navigation-compose:2.8.4")`
3. I created and/or modified the following files and/or folder:
 - a. **MainViewModel:**
 - The MainViewModel class is responsible for holding and managing the state of the application. It stores user input, such as the user's name, ice cream price, total price, and whether the price should be rounded up for charity. This ViewModel ensures that the app's state is preserved across configuration changes and can be accessed by the UI.
 - b. **MainActivity.kt:**
 - The [MainActivity] class is the entry point of the Ice Cream Land application. It is responsible for setting up the user interface and managing the navigation between different pages (Home, Order, Confirmation, and Result).
 - c. **HomePage.kt:**
 - This is the landing page where users can select an ice cream type, view a welcome message and navigate to the next screen after making a selection.
 - d. **OrderPage.kt:**
 - This page allows users to customize their order by adding extras, entering their name, and navigating to the next screen or going back to the previous screen. The total price is calculated based on the selected extras and the base price of the ice cream.
 - e. **ConfirmationPage.kt:**
 - This page summarizes the user's order, including subtotal, tax, and total price. Users can choose to round up their total price for charity and navigate to the result screen or return to the previous page.
 - f. **ResultPage.kt:**
 - This page thanks the user for their order and provides a summary of the total price. It also includes an option to exit the app after the transaction is complete.
 - g. **res/drawable folder:**
 - Contains all images used in this project

Demo:

1) Run application and verify that the landing page is displayed as shown.



2) Select an Ice Cream type from the radio Buttons and click "Next" button.



3) Select Ice Cream extras from the checkboxes and fill your name, then click “next” button.

Ice Cream Land

Add to your order

- ☒ Sprinkles \$0.25
- ☒ Cheese \$0.50
- ☐ Veggies \$0.75

Your Name
Frankie

Back Next

4) Verify Order details are correct, then toggle the toggle button to true to round up the total for Kids Foundation Camp.

Ice Cream Land

Order Confirmation

Dear Frankie, please confirm the details below.

Subtotal :	\$2.25
Tax (5%) :	\$0.11
Total :	\$2.36

☒ Round Up For Kids Foundation Camp

Back Next

5) Verify that your correct total is displayed. Click on “Exit App” to quit app

