Firebase Backend Engineer Intern Assignment
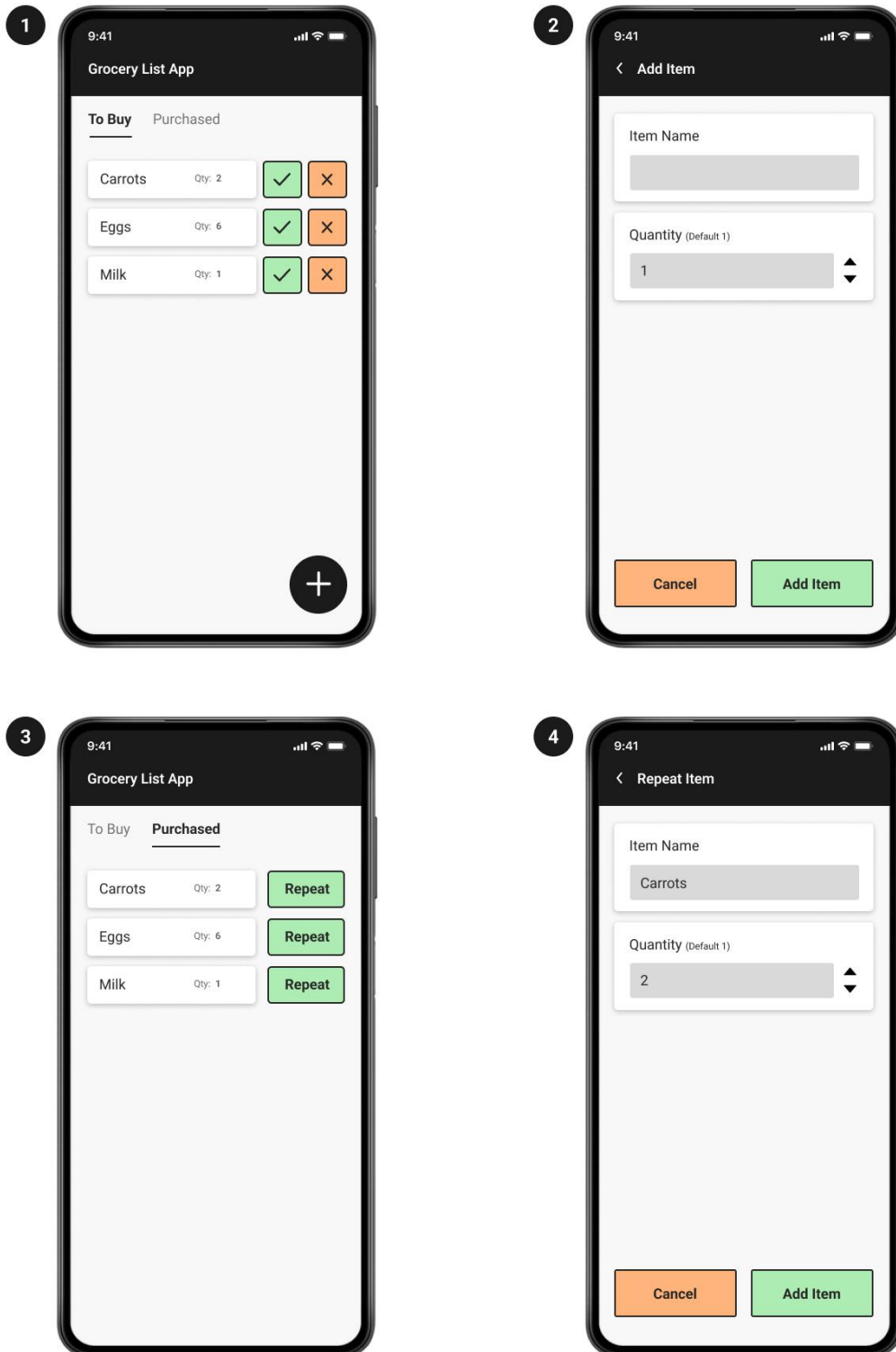
Develop a simple grocery list app as shown in the reference images below:

1

Grocery List App

To Buy   Purchased

Carrots	Qty: 2	✓	✕
Eggs	Qty: 6	✓	✕
Milk	Qty: 1	✓	✕

＋

2

‹ **Add Item**

Item Name

Quantity (Default 1)

1

Cancel   Add Item

3

Grocery List App

To Buy   **Purchased**

Carrots	Qty: 2	Repeat
Eggs	Qty: 6	Repeat
Milk	Qty: 1	Repeat

4

‹ **Repeat Item**

Item Name

Carrots

Quantity (Default 1)

2

Cancel   Add Item

App Description:

This is a simple Grocery List App that allows the user to add, delete and repeat grocery list items.

Image (1): Displays List of Items to buy. The 'Tick' option marks item as purchased and 'Cross' option deletes item. The 'Plus' icon takes user to Add Item Screen.

Image (2): Allows user to add an item to the list with Item name and quantity (Default Qty=1)

Image (3): Purchased section shows all the items ticked from the list. 'Repeat' button takes user to screen 4

Image (4): Displays item to repeat and has Item name and Quantity pre-filled. Only Quantity field can be changed in this section

Rules
There are 3 phases to the assignment:
o   **Phase 1:** Refer to the image given above and replicate it into a Mobile Application. The UI can be improved and/or changed as per your needs. You must use Firebase for Backend Database. In your final assignment file, share the Github link, Screenshots of Database and APK File.

o   **Phase 2:** If we are pleased with your assignment, you will be shortlisted. All the shortlisted candidates' skill will be put to test by asking them to make some changes to this assignment on spot.

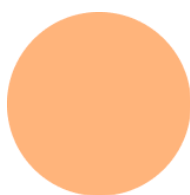o   **Phase 3:** You get selected for the role!

Colors Used are:

1B1B1B   # ADEDB4   # FFB47B

Font Used: **Roboto**

We wish you the best of luck!