Coffee Shop Application

Mobile Application Development

(Group 326)

420-C06-MT HYBRID MOBILE PROGRAMMING

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Introduction:

The Coffeeshop application is a Java-based application which is used to order coffee and some cookies for users. User needs to create a profile in order to use the application which contains flyers, featured beverages and categories for coffee and snacks. The user can choose the product of his choice and see a description of any item. In the description section users can also choose the size of and quantity of the item. There is also the option for the users to choose the option from delivery or the pickup as per their convenience.

Scope:

The main goal of our application is to assist those who are busy with their lives and are always in a rush to get breakfast. Our software makes it possible for them to have coffee and cookies for breakfast. Moreover, by using our app, they can order coffee and some snacks for delivery while they are at work or at home. The work for this project is equally divided between the team. We have discussed where to start and where to improve.

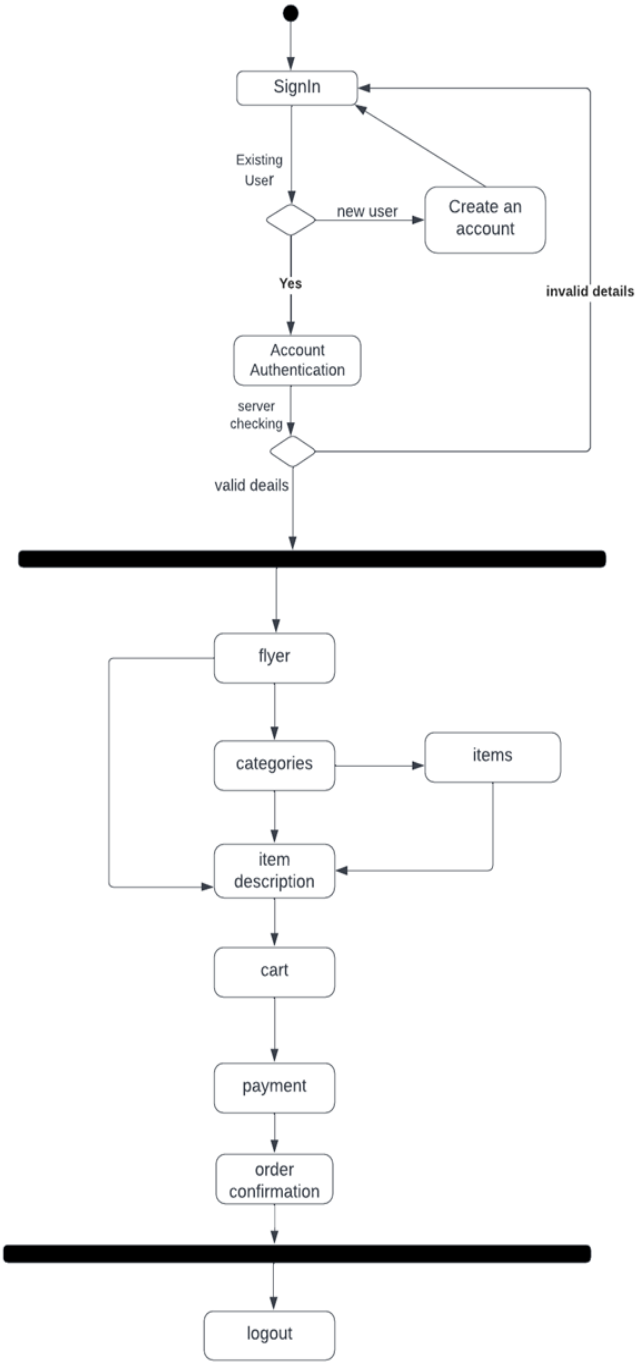
Functional Requirements:

- Splash Screen
- Signup
- Forgot Password
- Sign In
- Dashboard
- Product list
- Product description
- Cart shipping
- Checkout
- Order list
- Database connectivity
- Notification
- Payment Method

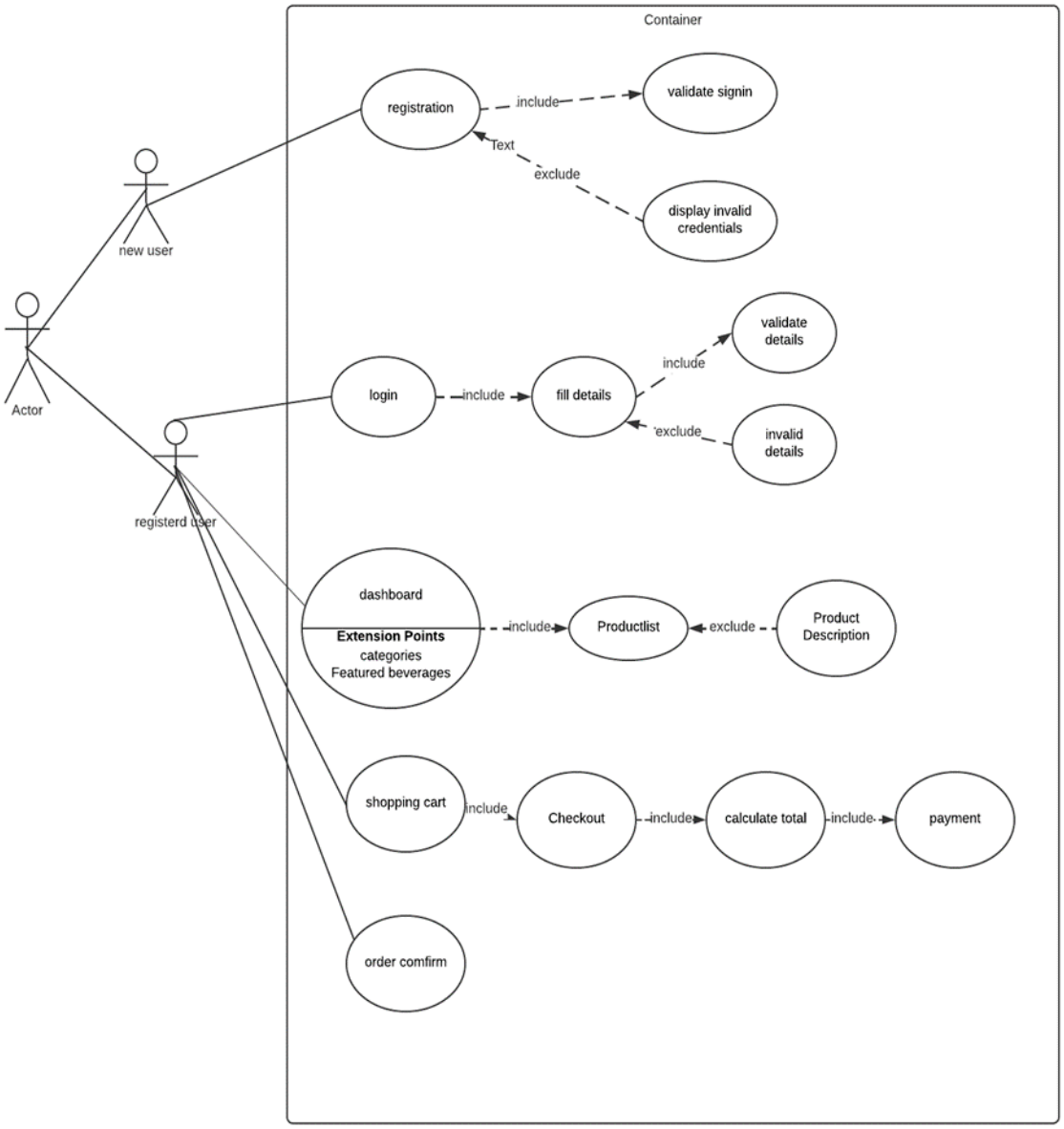
Hardware & Software Requirements:

- System: 1GHz or faster 32-bit(x86) or 64-bit (x64) processor
- RAM: 1GB or above.
- Hard Disk: 16GB available disk space.
- Operating System: Windows 7 & or above. (32or 64-bit mode)
- Android Studio
- Java Development Kit (JDK)

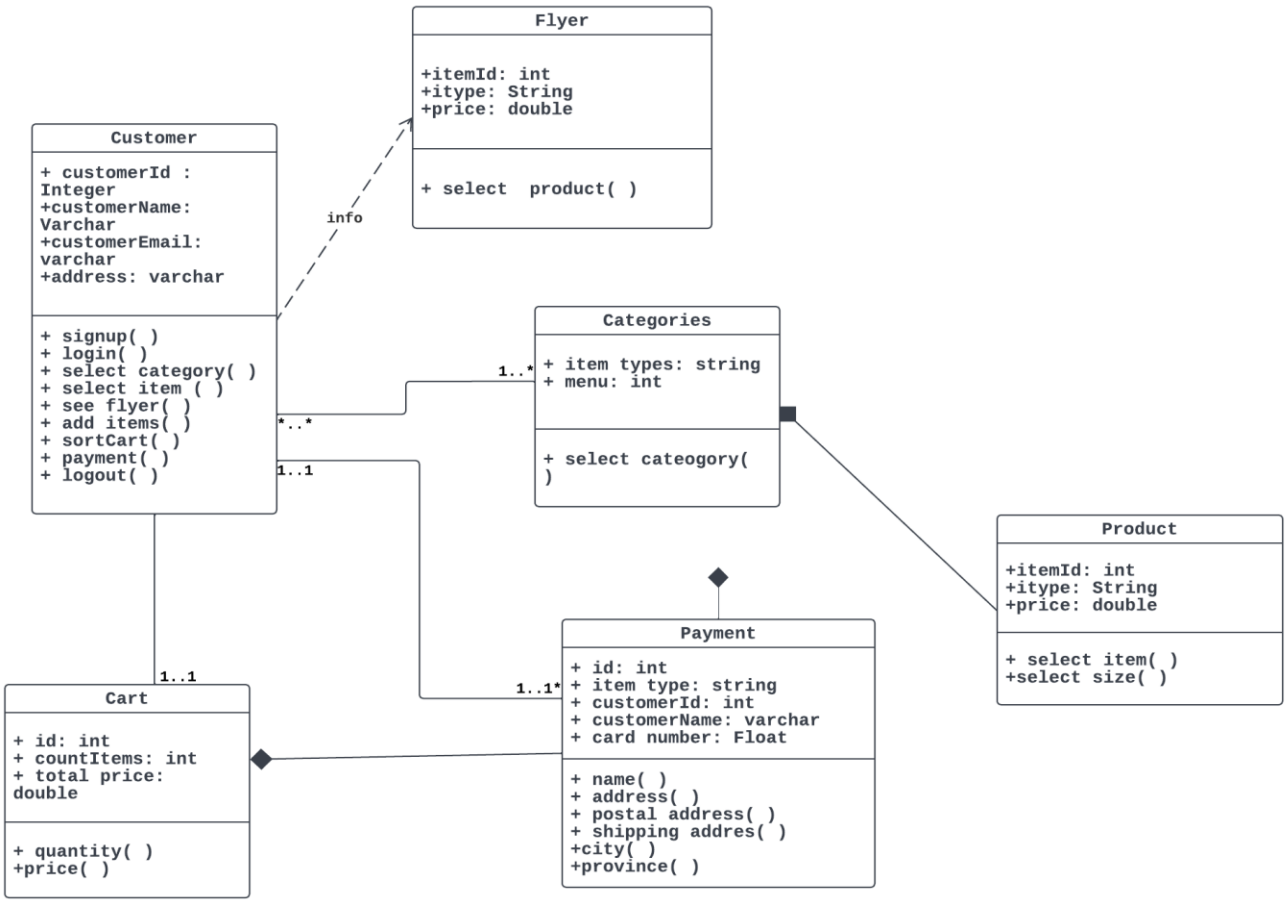
Activity Diagram:



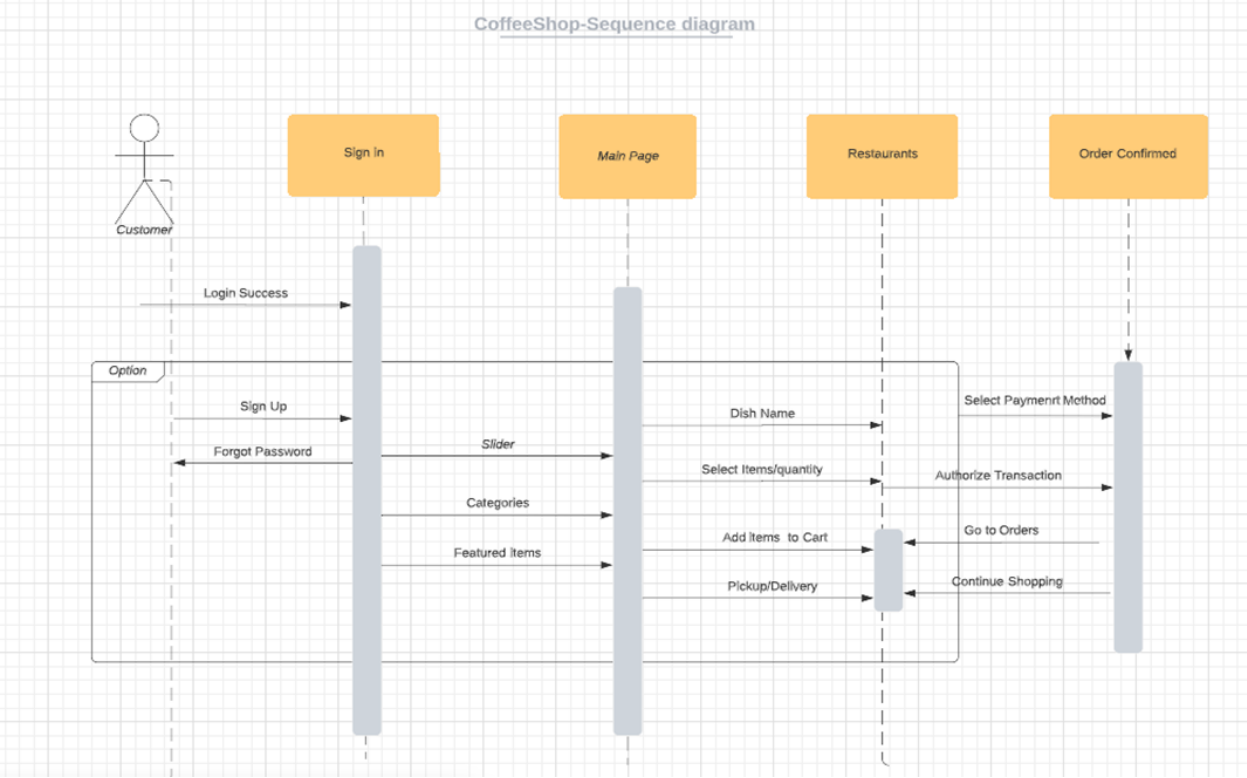
Use case:


Container
registration
include
validate signin
Text
exclude
display invalid credentials
new user
Actor
login
include
fill details
include
validate details
exclude
invalid details
registerd user
dashboard
Extension Points
categories
Featured beverages
include
Productlist
exclude
Product Description
shopping cart
include
Checkout
include
calculate total
include
payment
order comfirm

Class Diagram:



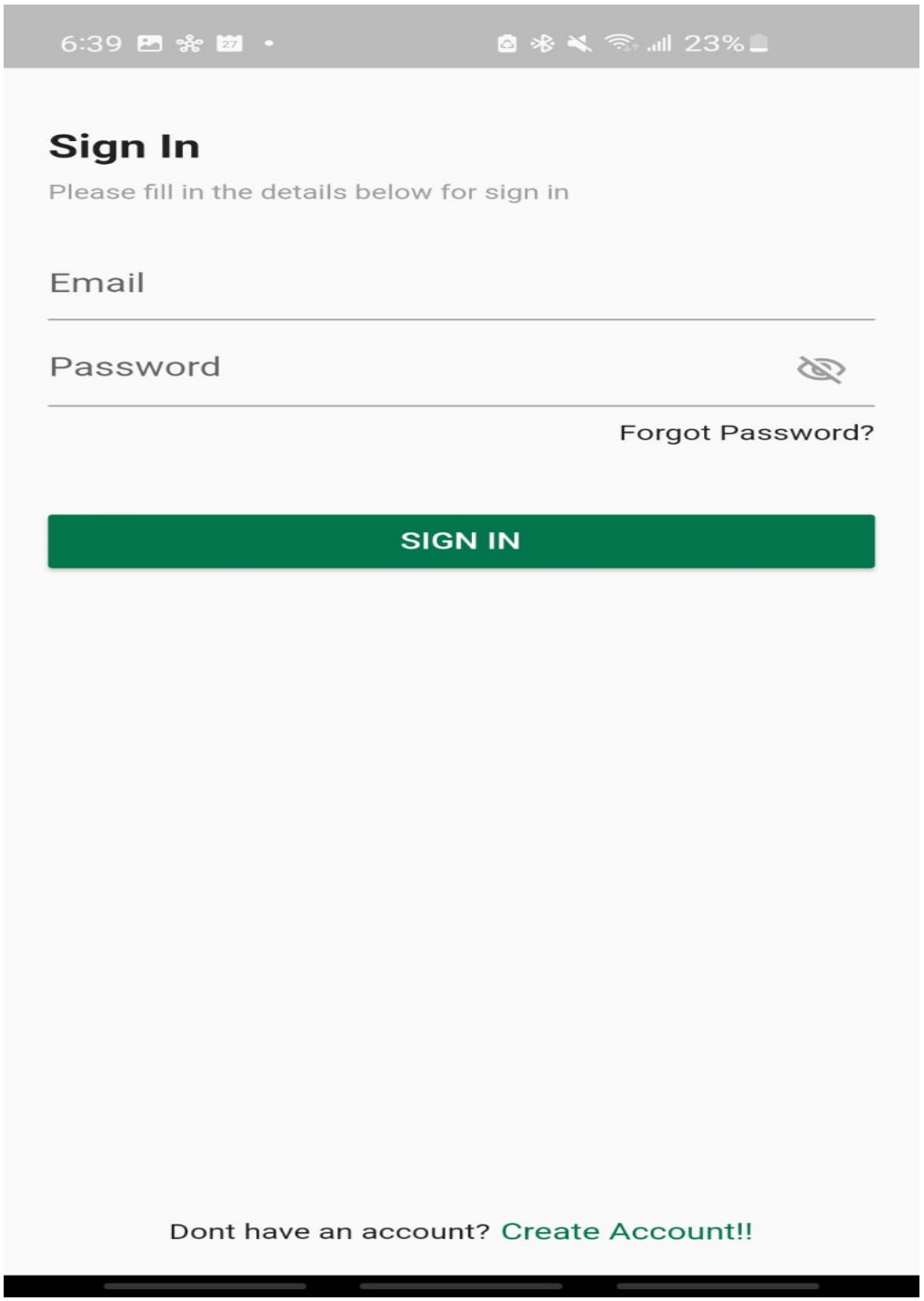
Sequence Diagram:

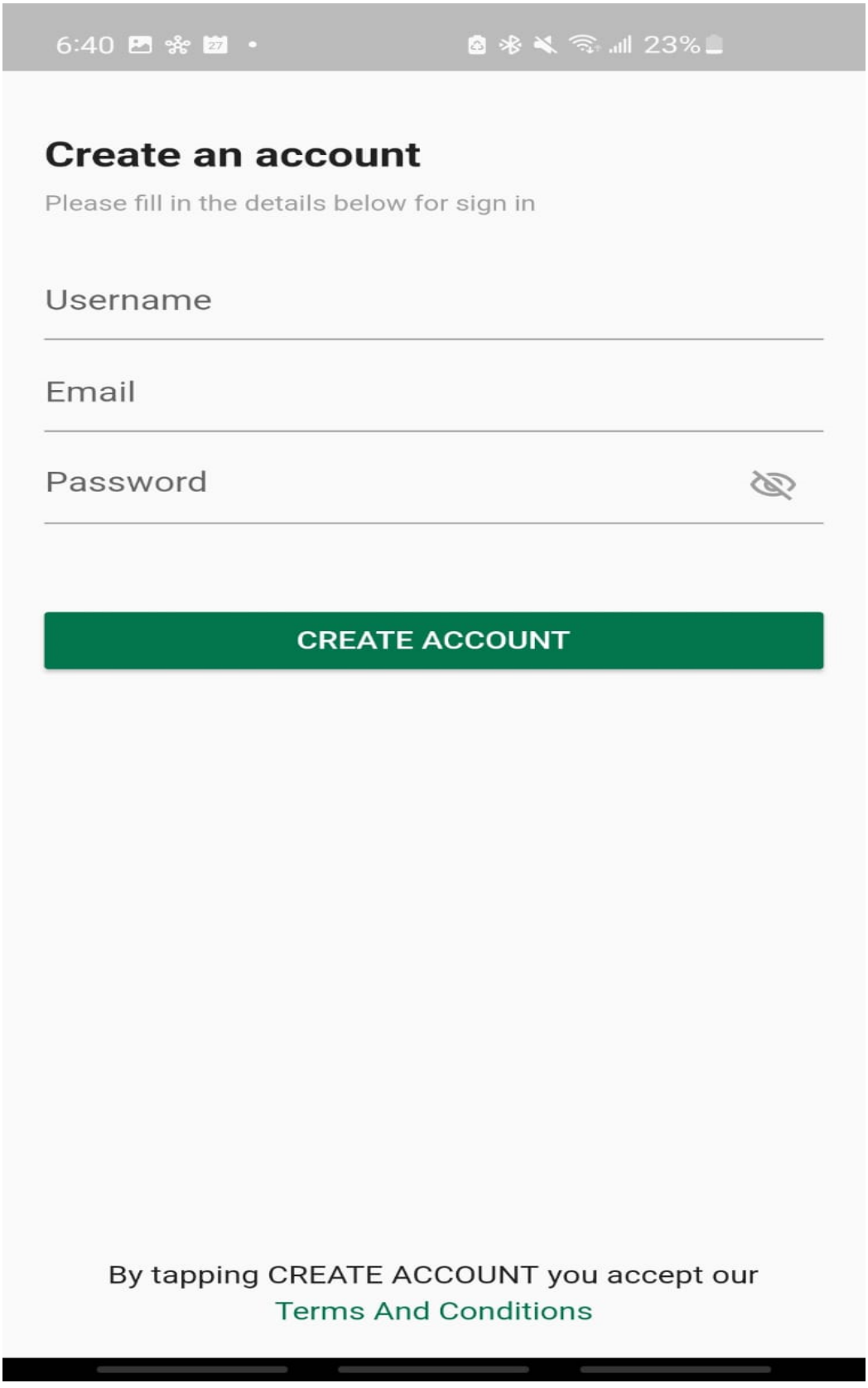


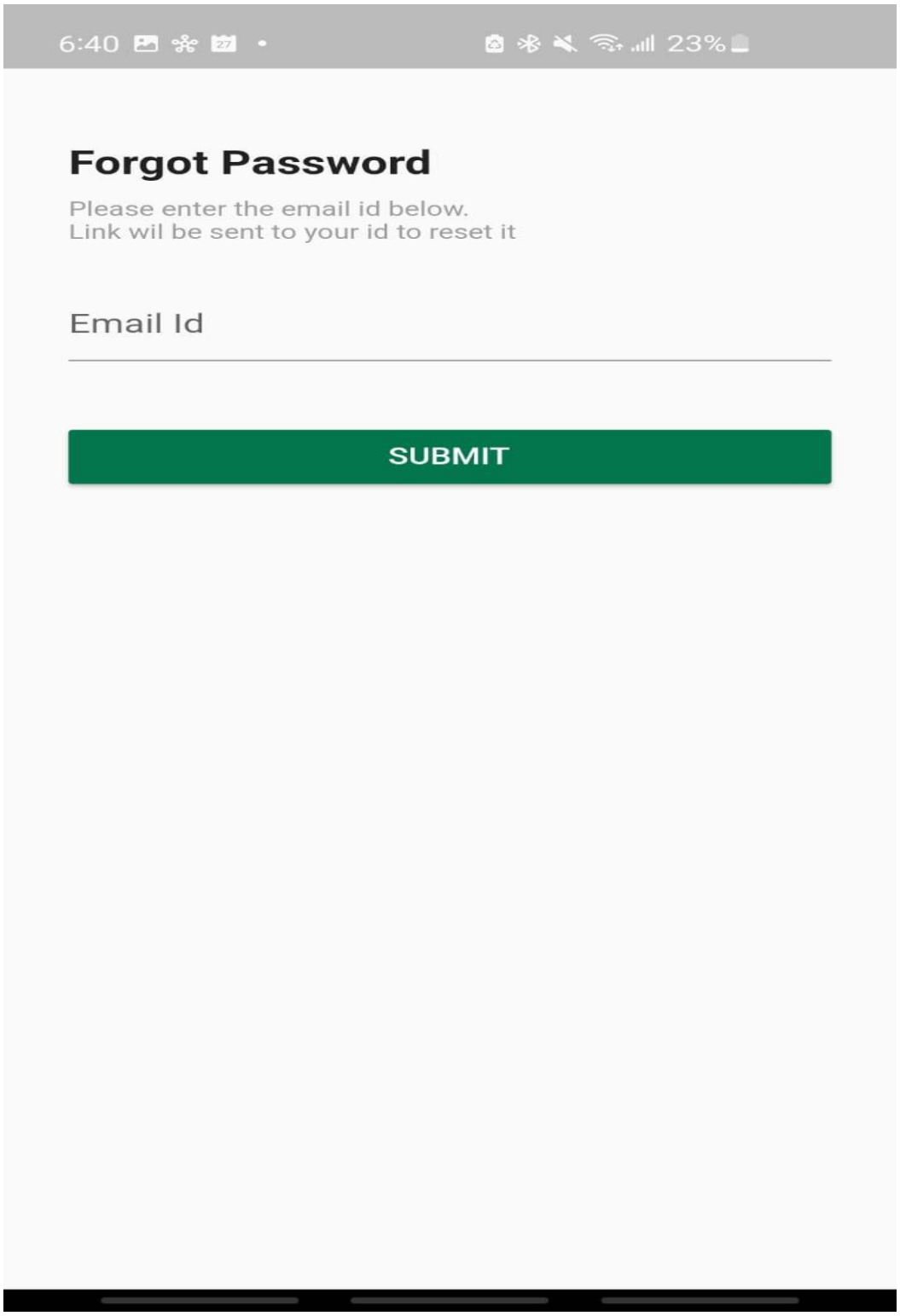
GitHub Link:

https://github.com/aklavyaa/FlutterCoffeeShop.git

Screen Flow:


6:39
23%
Sign In
Please fill in the details below for sign in
Email
Password
Forgot Password?
SIGN IN
Dont have an account? Create Account!!


6:40
23%
Create an account
Please fill in the details below for sign in
Username
Email
Password
CREATE ACCOUNT
By tapping CREATE ACCOUNT you accept our
Terms And Conditions


6:40
23%
Forgot Password
Please enter the email id below.
Link wil be sent to your id to reset it
Email Id
SUBMIT

6:40 23%

Hello
uva

Coffee+seeds
$7.99

Ka
$

Categories

Beverage
4 Menus

Espre
2 Me

Featured Beverages

Black Coffee
Beverage
$ 15.49

Kiwi
Beverage
$ 5.60

6:40 23%

Beverage

Black Coffee
Beverage
$ 15.49

Kiwi
Beverage
$ 5.60

Brown Coffee
Beverage
$ 14.99

EAC Coffee
Beverage
$ 8.12

6:40 23%

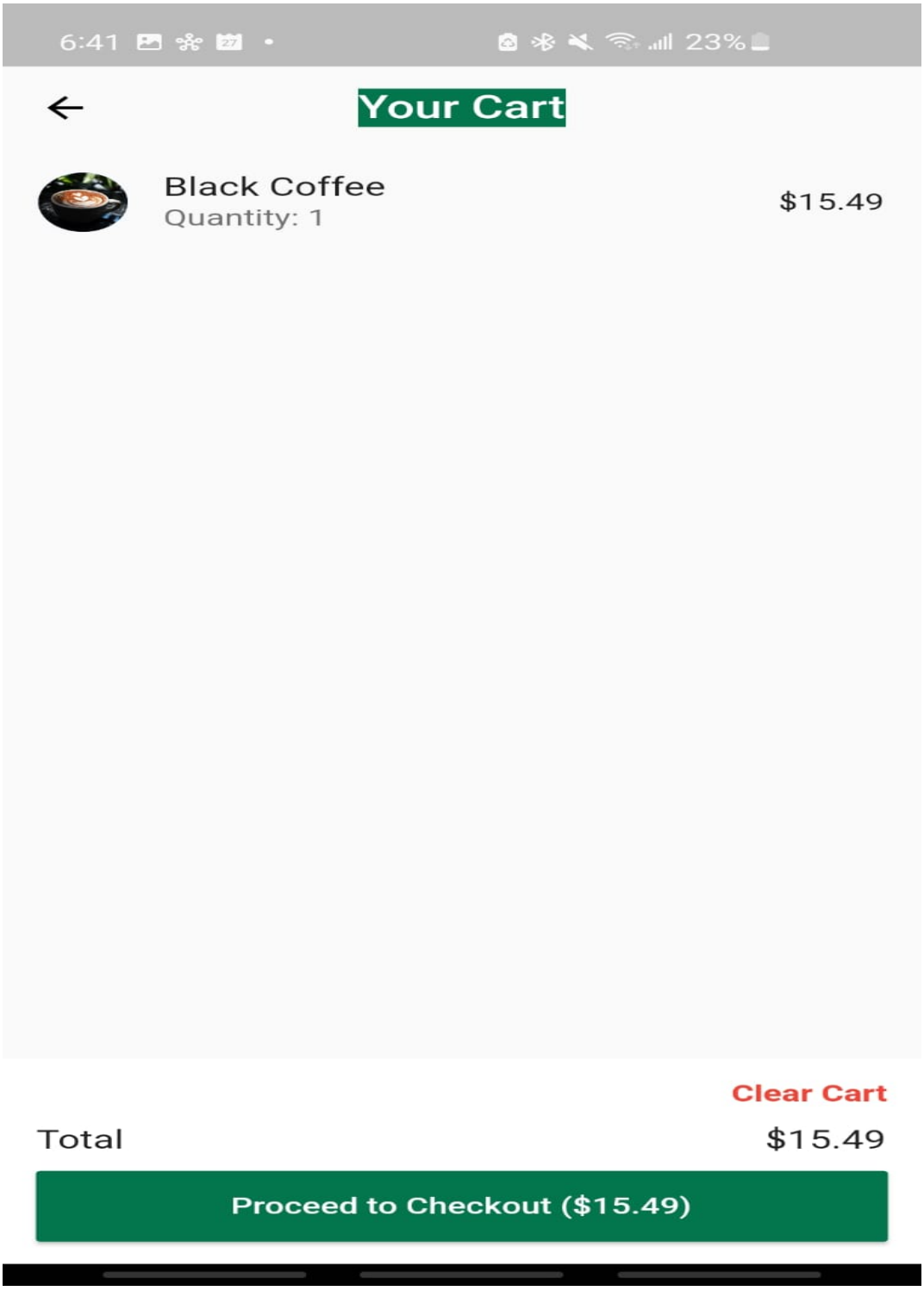
Details

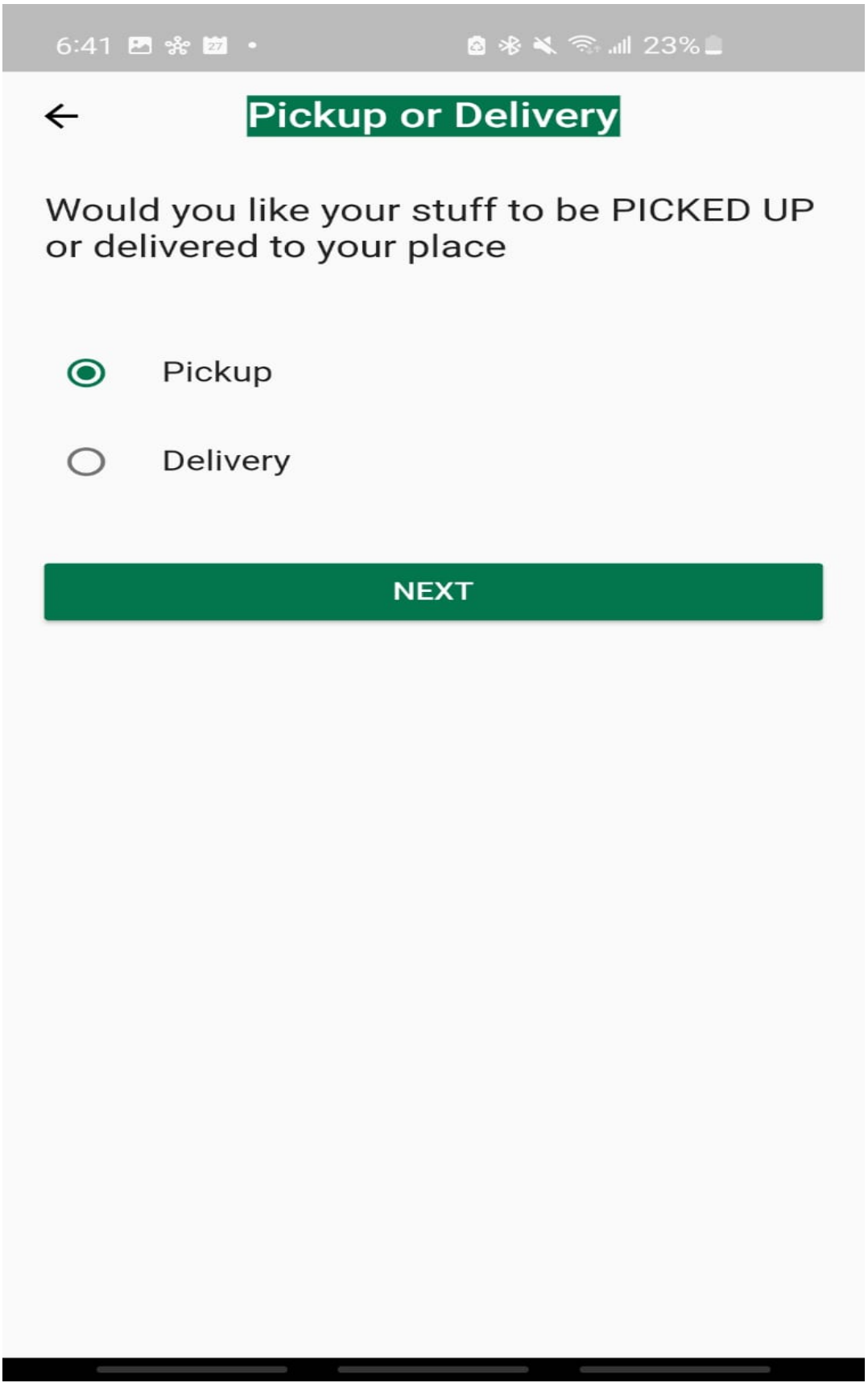
Black Coffee

- (●) Small
- ( ) Medium
- ( ) Large
- ( ) Xtra Large

$15.49 — 1 +

ADD TO CART


6:41
23%
Your Cart
Black Coffee
Quantity: 1
$15.49
Clear Cart
Total
$15.49
Proceed to Checkout ($15.49)


6:41
23%
Pickup or Delivery
Would you like your stuff to be PICKED UP or delivered to your place
Pickup
Delivery
NEXT

4:53 45%

Payment Method

Number

Expired Date

CVV

Card Holder

Proceed to Payment

Thank you for your order.
Its under process will notify you when its ready

HOME