How to Use this Template

1. Create a new document, and copy and paste the text from this template into your new document [Select All → Copy → Paste into new document]
2. Name your document file: “**Capstone_Stage1**”
3. Replace the text in green

GitHub Username: oluwadara-abijo

Moffin Options

Description

Pre order healthy muffins from Moffin Options.

Moffin Options allows you choose your muffins, variants and toppings, as well as make payment so they can be delivered to you.

Intended User

Individuals, Families

Features

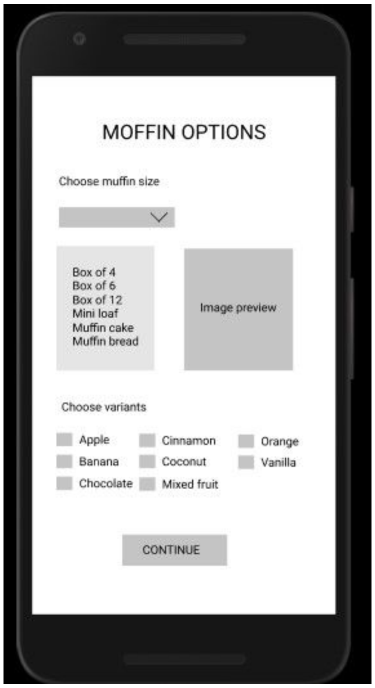
List the main features of your app. For example:

- Choose muffin sizes
- Choose muffin variants
- Choose muffin toppings
- Pre order your muffins
- Choose delivery address
- Pay using secure online payment methods
- Receive notifications about new variants

User Interface Mocks

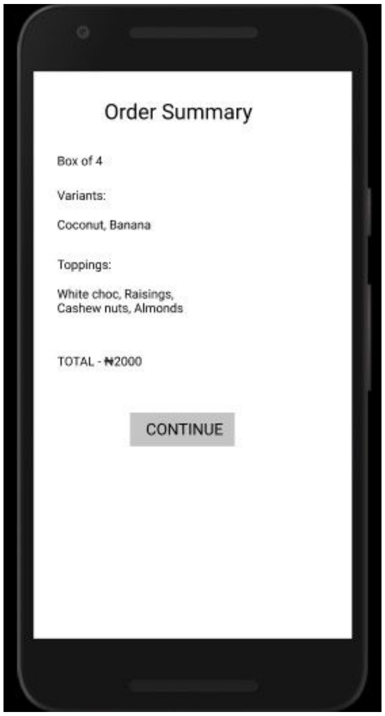
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Google Drawings, www.ninjamock.com, Paper by 53, Photoshop or Balsamiq.

Screen 1



Users select the muffin size, variants and toppings.

Screen 2



Order Summary

Box of 4

Variants:

Coconut, Banana

Toppings:

White choc, Raisings,
Cashew nuts, Almonds

TOTAL - ₦2000

Users get the cost of their order and proceed to payment.

Add as many screens as you need to portray your app’s UI flow.

Key Considerations

How will your app handle data persistence?

Data persistence will be handled using Room

Describe any edge or corner cases in the UX.

Describe any libraries you’ll be using and share your reasoning for including them.

Picasso will handle the loading and caching of images.

Retrofit will handle network calls.
Payment will be integrated using Paystack library.

Describe how you will implement Google Play Services or other external services.

Describe which Services you will use and how.

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and break them down into tangible technical tasks that you can complete one at a time until you have a finished app.

Task 1: Project Setup

- Configure Retrofit library
- Configure Paystack library

Task 2: Implement UI for Each Activity and Fragment

- Build UI for order fragment
- Build UI for order summary fragment
- Build UI for payment fragment
- Build UI for login fragment

Task 3: Define Business Logic

- Write business logic
- Define methods for calculating prices

Task 4: Integrate Payment

- Integrate payment
- Handle error cases

Task 5: Write Tests

- Write Espresso tests

Add as many tasks as you need to complete your app.

Submission Instructions

- After you’ve completed all the sections, download this document as a PDF [File → Download as PDF]
  - Make sure the PDF is named “**Capstone_Stage1.pdf**”
- Submit the PDF as a zip or in a GitHub project repo using the project submission portal

If using GitHub:

- Create a new GitHub repo for the capstone. Name it “**Capstone Project**”
- Add this document to your repo. Make sure it’s named “**Capstone_Stage1.pdf**”