

Part 2: Basic Application

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Tutorial Group : PC09

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Submission Date : 2 June 2024

Declaration of Originality

I am the originator of this work and I have appropriately acknowledged all other original sources used as my references for this work.

I understand that Plagiarism is the act of taking and using the whole or any part of another person's work, including work generated by AI, and presenting it as my own.

I understand that Plagiarism is an academic offence and if I am found to have committed or abetted the offence of plagiarism in relation to this submitted work, disciplinary action will be enforced.

Declaration on the use of Generative AI tools for assignments

Describe how you have used Generative AI tools such as ChatGPT or Dall.E-2 in your assignment.

Show snapshots of the conversations with the AI tool (i.e., the prompts you used and the response you get from the AI tool).

How do you indicate the reference?

The content generated by AI tools are not retrievable except by the user who generated them, so they are considered non-recoverable sources. Although non-recoverable data or quotations in APA Style papers are usually cited as personal communications, with ChatGPT-generated text there is no person communicating. Quoting text from ChatGPT chat is therefore more like sharing the output of an algorithm, with a reference list entry and the corresponding in-text citation.

According to the official APA Style site, ChatGPT references should be cited as:

E.g. OpenAI. (2023). *ChatGPT* (Sep 25 version) [Large language model].
<https://chat.openai.com/chat>

Important Note:

- Do not copy answers produced by the AI tool in totality as it is considered as plagiarism.
- Do not rely on any information produced by the AI tool blindly. You should always verify the answer with other sources. Do not assume that these answers provided by the AI tool are correct.

To achieve quality outputs from the AI tool, you should provide good prompt that is clear and specific. Be precise and provide context. Avoid asking open-ended questions.



School of Informatics & IT

Mobile App Development (CIT2C18)

AY 24/25 Apr Semester

Basic Application

(Part 2)

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Flutter Application Demo

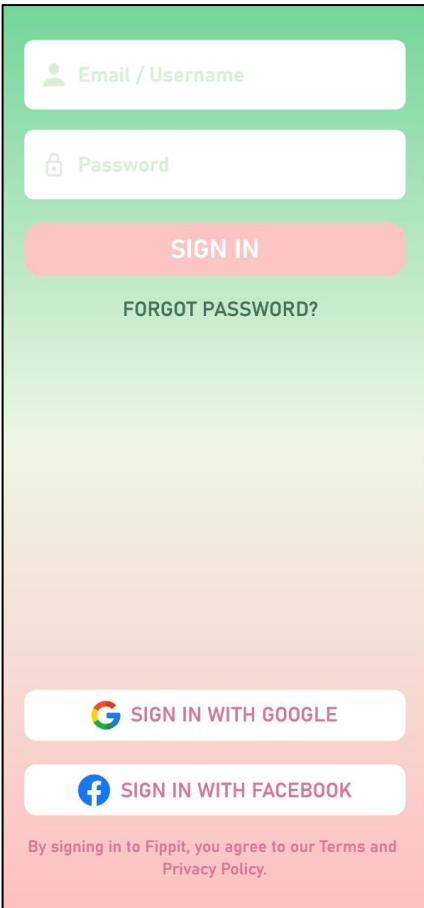
Please record a 2 minutes video of your Flutter application for Part 2 and upload to Youtube. You are required to turn on your camera and also include narration.

Link: https://youtu.be/lk_O5RzBzgo

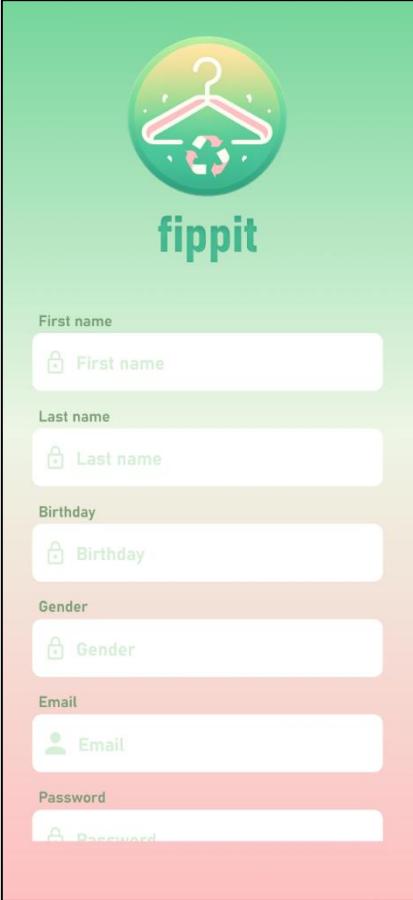
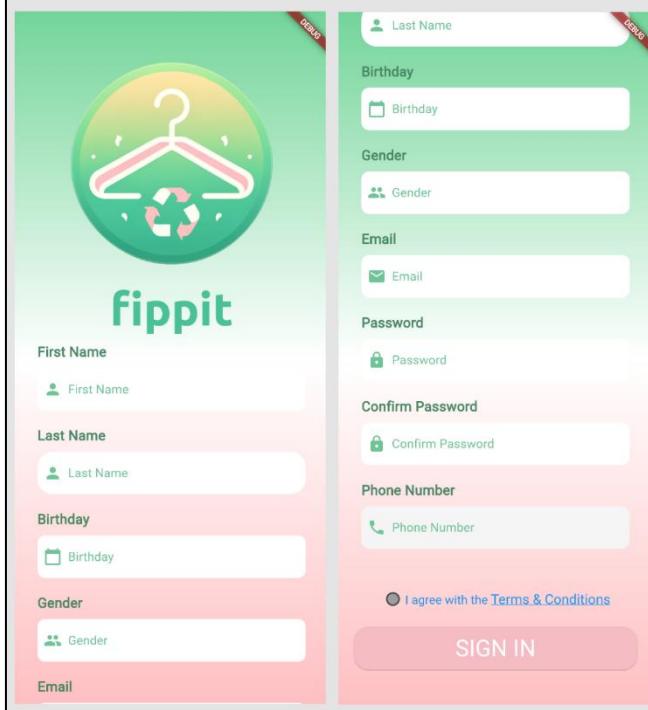
Screen 1: Authentication-related screens

Authentication related screens are regarded as one screen. Please include the XD and Flutter screenshots of such screens.

Screen Name: LoginScreen

Adobe XD Screenshot	Flutter Screenshot (Chrome/Virtual Device)
	

Screen Name: RegisterScreen

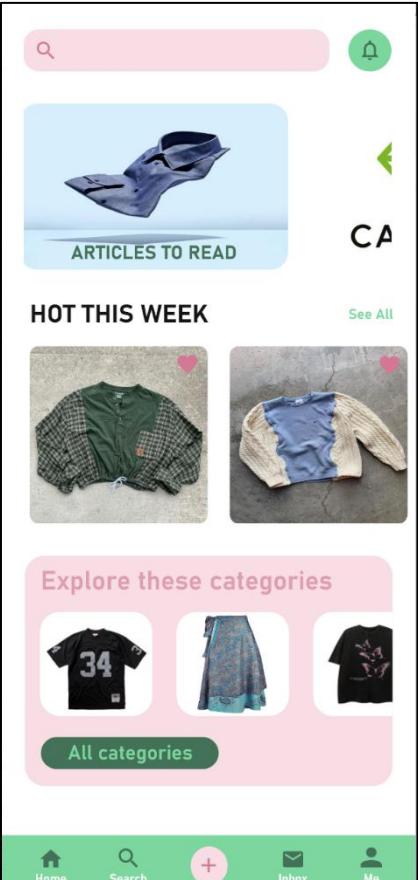
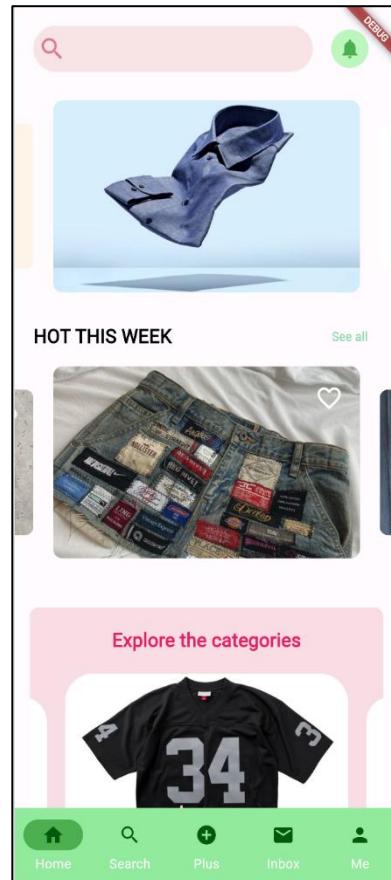
Adobe XD Screenshot	Flutter Screenshot (Chrome/Virtual Device)
 The Adobe XD screenshot shows a light green gradient background with a circular logo at the top center featuring a hanger and a recycling symbol. Below the logo, the word "fippit" is written in a bold, lowercase sans-serif font. The form fields are arranged vertically: <ul style="list-style-type: none">First name: Placeholder "First name" with a lock icon.Last name: Placeholder "Last name" with a lock icon.Birthday: Placeholder "Birthday" with a lock icon.Gender: Placeholder "Gender" with a lock icon.Email: Placeholder "Email" with a person icon.Password: Placeholder "Password" with a lock icon.	 The Flutter screenshot shows a similar layout but with different field names and colors: <ul style="list-style-type: none">First Name: Placeholder "First Name" with a person icon.Last Name: Placeholder "Last Name" with a person icon.Birthday: Placeholder "Birthday" with a calendar icon.Gender: Placeholder "Gender" with a person icon.Email: Placeholder "Email" with a mail icon.Password: Placeholder "Password" with a lock icon.Confirm Password: Placeholder "Confirm Password" with a lock icon.Phone Number: Placeholder "Phone Number" with a phone icon. A "SIGN IN" button is located at the bottom right. A "I agree with the Terms & Conditions" checkbox is positioned above the "SIGN IN" button.

Screen 2

Please include the XD and Flutter screenshots of second screen. If you have implemented more than 5 screens in Flutter, please choose the one that you wish to be graded on. The screen should allow for user interaction and ideally be used for CRUD operations in Part 3.

Eg. For eCommerce app, HomeScreen that lists all products, AddProductScreen that contain a form for user to key in product, etc.

Screen Name: HomepageScreen

Adobe XD Screenshot	Flutter Screenshot (Chrome/Virtual Device)
	

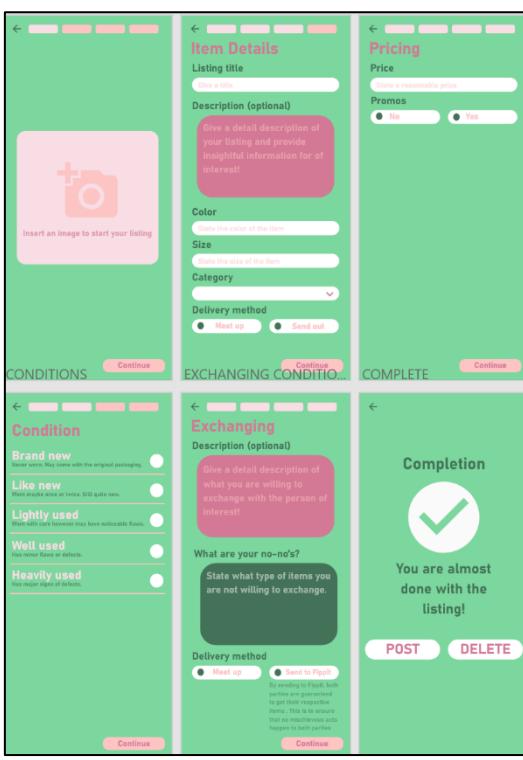
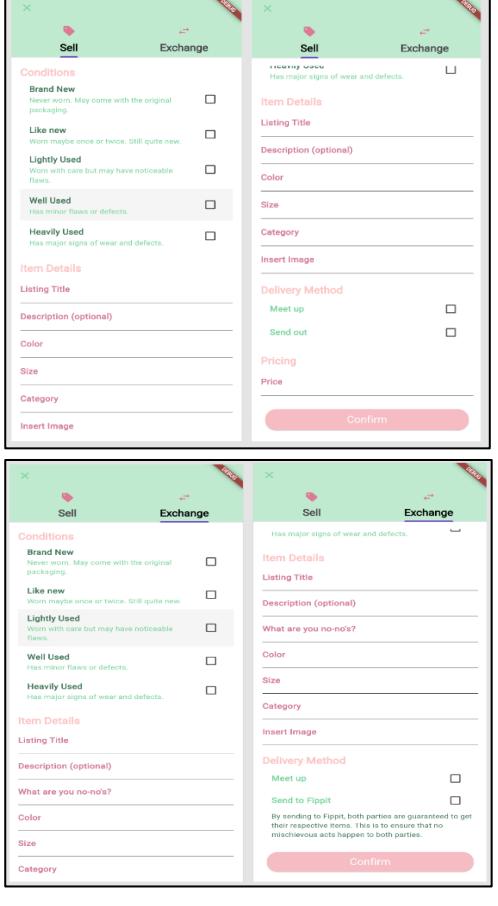
Screen 3

Please include the XD and Flutter screenshots of second screen. If you have implemented more than 5 screens in Flutter, please choose the one that you wish to be graded on. The screen should allow for user interaction and ideally be used for CRUD operations in Part 3.

Eg. For eCommerce app, HomeScreen that lists all products, AddProductScreen that contain a form for user to key in product, etc.

Screen Name: ExchangingScreen

I chose to combine my six individual exchange screens into a single screen in Flutter. The same components, such as forms and inputs, are still used. The key difference is the screen layout. I've restructured the screen in Flutter to include a tab bar, making it easy to access the sell form or exchange form.

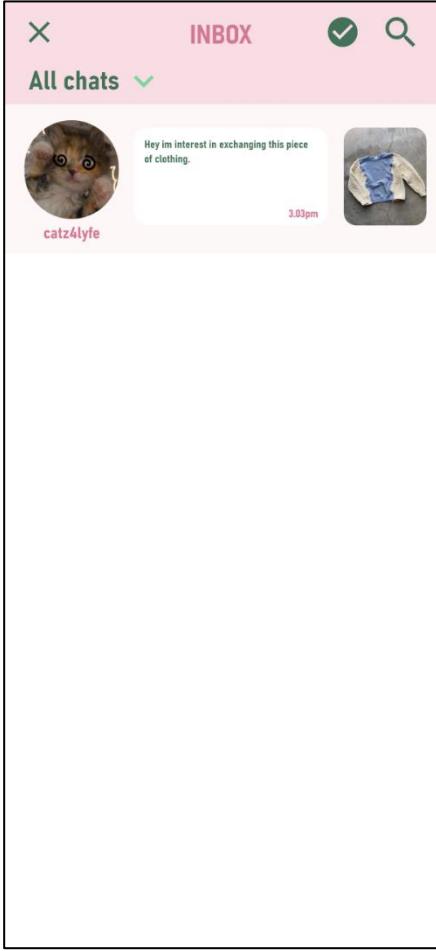
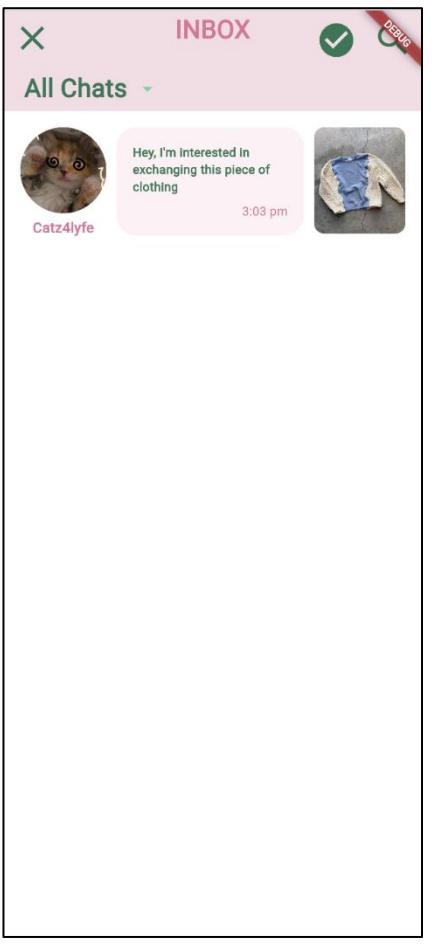
Adobe XD Screenshot	Flutter Screenshot (Chrome/Virtual Device)
 <p>The Adobe XD screenshot shows a sequential flow of screens:</p> <ul style="list-style-type: none"> Item Details: Fields for Listing title, Description (optional), Color, Size, Category, and Delivery method (Meet up or Send out). Pricing: Fields for Price, Date & Time, and Promos (Yes or No). CONDITIONS: A list of item conditions: Brand new, Like new, Lightly used, Well used, and Heavily used, each with a description and a radio button. EXCHANGING CONDITIONS: A list of exchange conditions: Condition (radio buttons for Brand new, Like new, Lightly used, Well used, and Heavily used), Exchanging (Description optional, no-no's list, and Delivery method radio buttons for Meet up or Send to Flippit), and a note about sending to Flippit. COMPLETE: A summary screen with a large checkmark icon, stating "You are almost done with the listing!" and buttons for POST and DELETE. 	 <p>The Flutter screenshot displays two forms side-by-side, sharing a common header with tabs for Sell and Exchange.</p> <p>Conditions: A list of item conditions (Brand New, Like new, Lightly Used, Well Used, Heavily Used) with checkboxes.</p> <p>Item Details: Fields for Listing Title, Description (optional), Color, Size, Category, and Insert Image.</p> <p>Delivery Method: Options for Meet up or Send out.</p> <p>Pricing: Fields for Price and Category.</p> <p>Completion: A summary screen with a large checkmark icon, stating "You are almost done with the listing!" and buttons for POST and DELETE.</p>

Screen 4

Please include the XD and Flutter screenshots of second screen. If you have implemented more than 5 screens in Flutter, please choose the one that you wish to be graded on. The screen should allow for user interaction and ideally be used for CRUD operations in Part 3.

Eg. For eCommerce app, HomeScreen that lists all products, AddProductScreen that contain a form for user to key in product, etc.

Screen Name: InboxScreen

Adobe XD Screenshot	Flutter Screenshot (Chrome/Virtual Device)
	

Screen 5

Please include the XD and Flutter screenshots of second screen. If you have implemented more than 5 screens in Flutter, please choose the one that you wish to be graded on. The screen should allow for user interaction and ideally be used for CRUD operations in Part 3.

Eg. For eCommerce app, HomeScreen that lists all products, AddProductScreen that contain a form for user to key in product, etc.

Screen Name: ProfileScreen

Adobe XD Screenshot	Flutter Screenshot (Chrome/Virtual Device)
