

VNUHCM — UNIVERSITY OF SCIENCE



INFORMATION TECHNOLOGY FACULTY  
ADVANCED PROGRAM IN COMPUTER SCIENCE

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## AI Integrated Clothing Store App

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### Mobile Device Application Development

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# Contents

<b>1 App Structure</b>	<b>2</b>
<b>2 Application Functions:</b>	<b>3</b>
2.1 Splash Screen, Welcome Screen . . . . .	3
2.2 Onboarding Screen . . . . .	4
2.3 Log In . . . . .	5
2.4 Forgot Password . . . . .	8
2.5 Sign Up for an Account . . . . .	10
2.6 Complete Profile . . . . .	11
2.7 Home Screen . . . . .	14
2.8 Product Detail Screen . . . . .	16
2.9 User Profile . . . . .	17
2.10 Add payment method . . . . .	18
2.11 Help Center . . . . .	19
2.12 Privacy Policy Screen . . . . .	21
2.13 Invite Friend Screen . . . . .	22
2.14 Log out . . . . .	24
2.15 Update User Profile Information . . . . .	25
2.16 Add payment method . . . . .	26
2.17 Setting . . . . .	27
2.18 Password Manager . . . . .	28
2.19 Delete the account . . . . .	29
2.20 Change languages . . . . .	30
2.21 Notification Screen . . . . .	31
2.22 Search Screen . . . . .	32
2.23 Search By Image . . . . .	34
2.24 Wishlist Screen . . . . .	35
2.25 My Cart Screen . . . . .	36
2.26 Apply promotion coupon . . . . .	39
2.27 My Order . . . . .	40
2.28 Payment Process . . . . .	43
2.29 Friend Request Screen . . . . .	55
2.30 Chatbox Screen . . . . .	58

# 1 App Structure

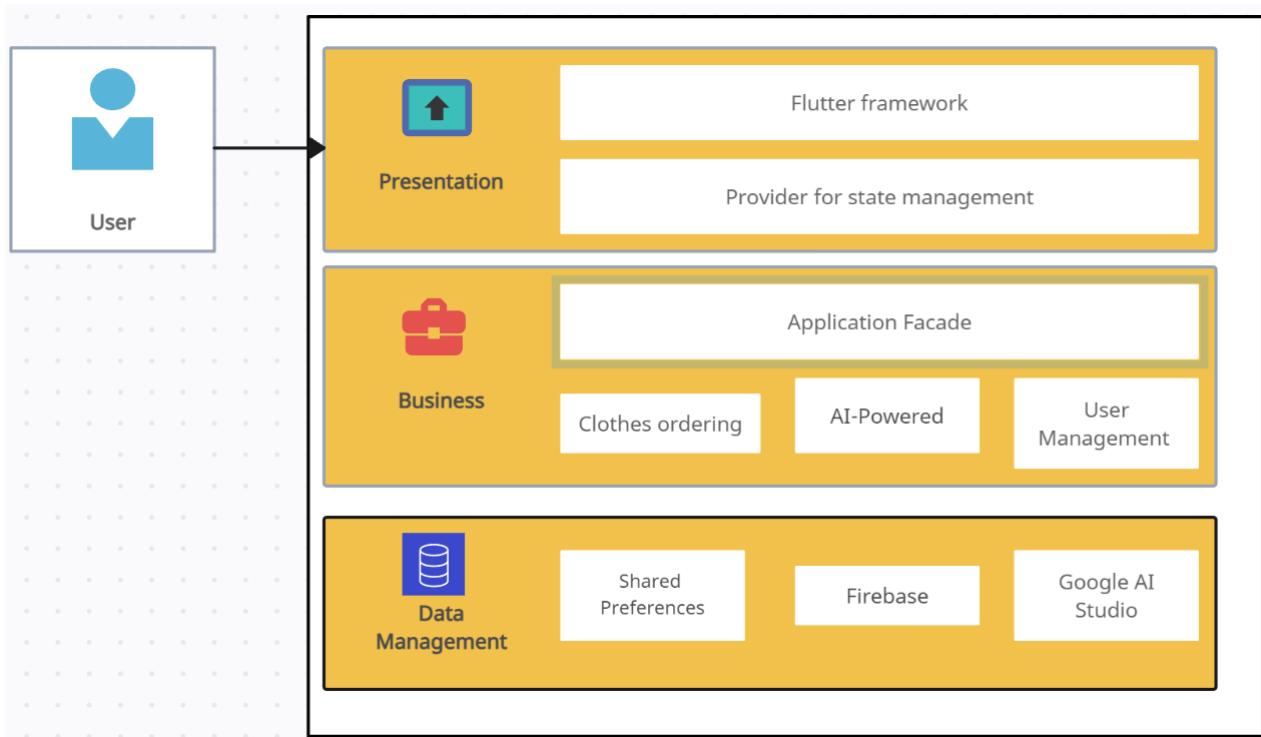


Figure 1: App structure

## 2 Application Functions:

### 2.1 Splash Screen, Welcome Screen

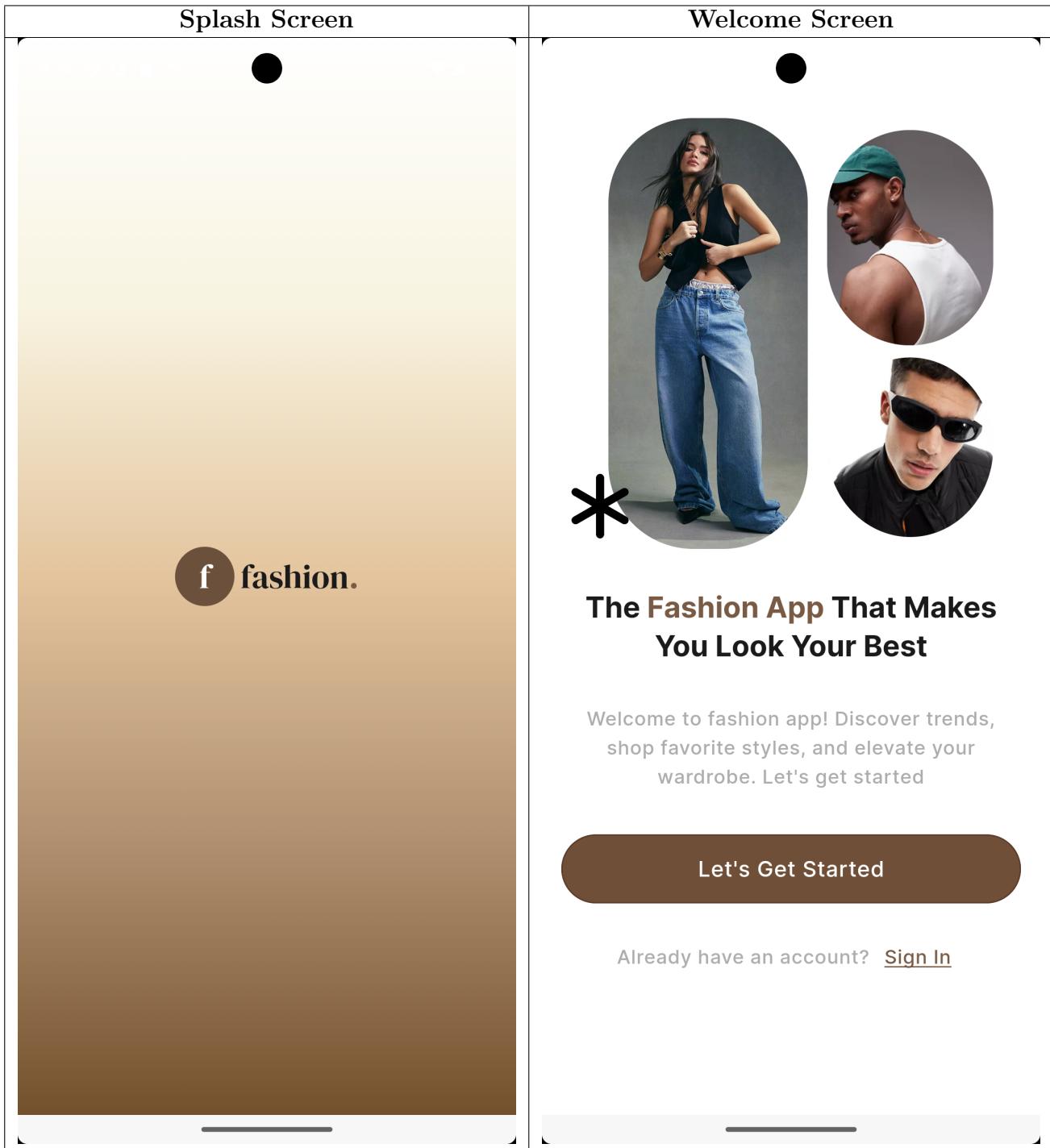


Table 1: Splash & Welcome Screen

- Press **Let's Get Started** to go to the OnBoarding Screen, or go immediately log in by selecting the **Sign in** text button.

## 2.2 Onboarding Screen

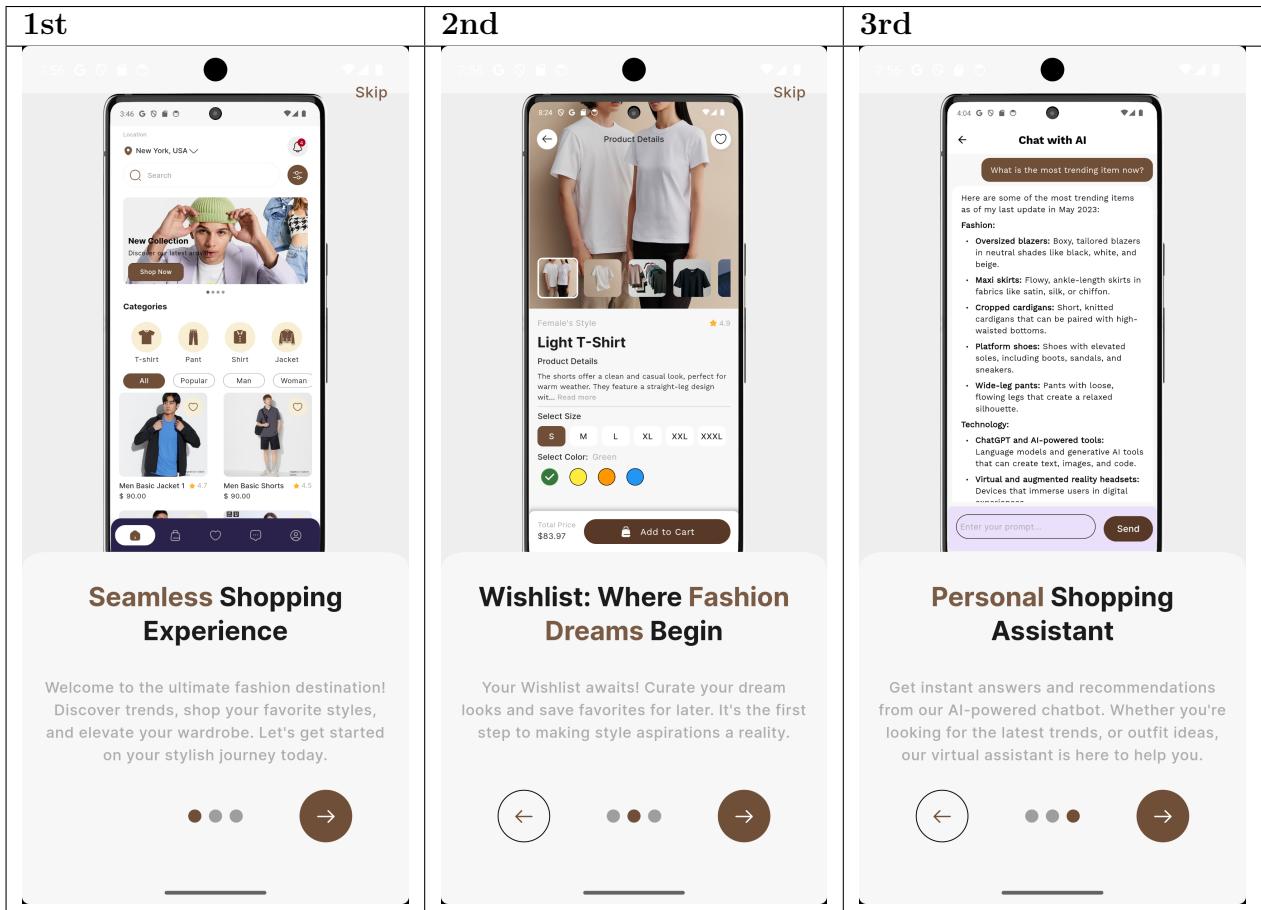


Table 2: Onboarding Screen

## 2.3 Log In

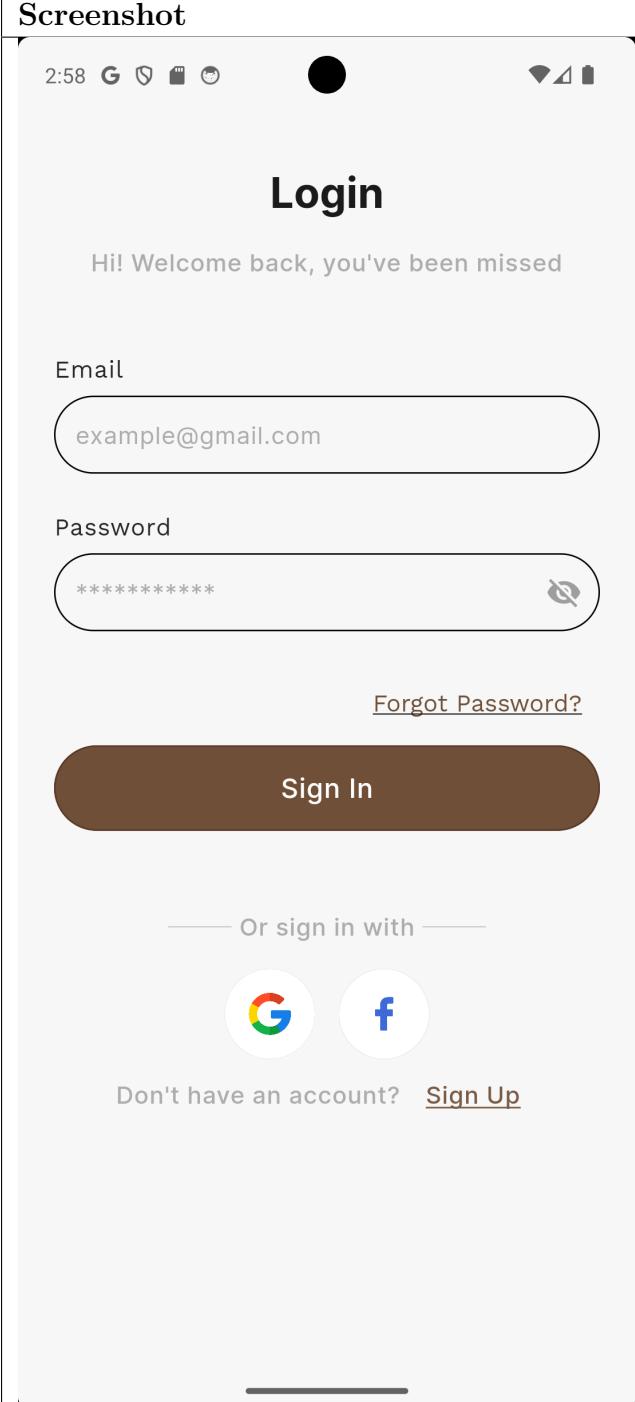
Screenshot	Details
 A screenshot of a mobile application's login screen. At the top, there is a status bar with icons for signal strength, battery level, and time (2:58). Below the status bar is a black circular placeholder for a profile picture. The main header is "Login" in bold black font. A welcome message "Hi! Welcome back, you've been missed" is displayed. Below the message are two input fields: one for "Email" containing "example@gmail.com" and one for "Password" containing masked text "*****". To the right of the password field is a small icon of a lock with a keyhole. Below these fields are links for "Forgot Password?" and a large brown "Sign In" button. Underneath the "Sign In" button is a section titled "Or sign in with" featuring icons for Google (G) and Facebook (f). At the bottom, there is a link for users who "Don't have an account? <a href="#">Sign Up</a> ".	User can sign in by using registered email and password.

Table 3: Login

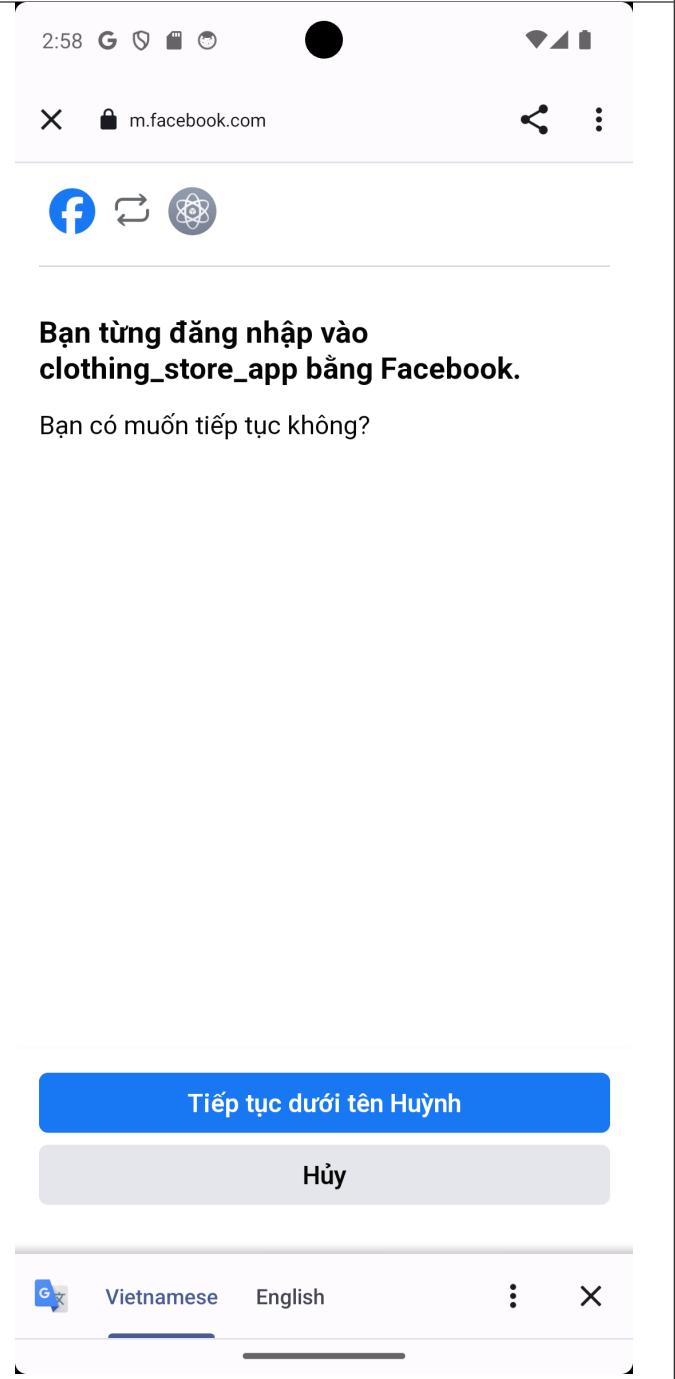
Screenshot	Details
 <p>Bạn từng đăng nhập vào clothing_store_app bằng Facebook. Bạn có muốn tiếp tục không?</p> <p>Tiếp tục dưới tên Huỳnh</p> <p>Hủy</p> <p>Vietnamese English</p>	<p>User can use their social media account (<b>Facebook</b>) to sign in or register a new account to Clothing Store Application.</p>

Table 4: Login with Facebook

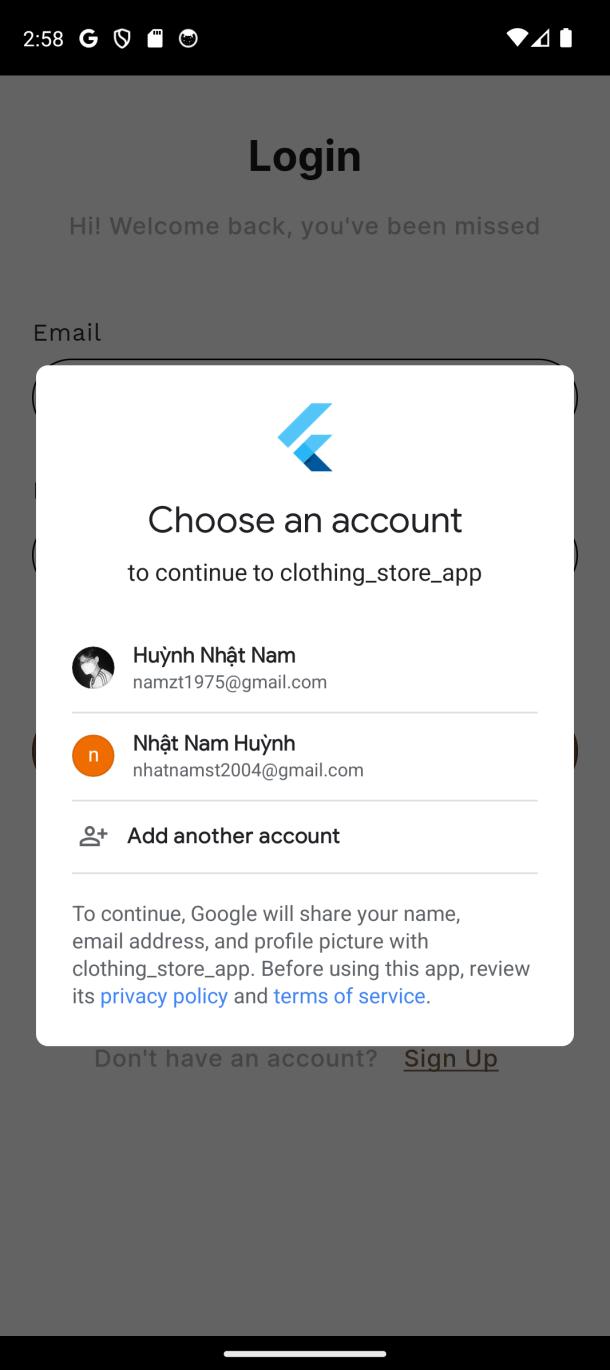
Screenshot	Details
 <p>Hi! Welcome back, you've been missed</p> <p>Email</p> <p><b>Choose an account</b> to continue to clothing_store_app</p> <p> <b>Huỳnh Nhật Nam</b> namzt1975@gmail.com</p> <p> <b>Nhật Nam Huỳnh</b> nhatnamst2004@gmail.com</p> <p> <b>Add another account</b></p> <p>To continue, Google will share your name, email address, and profile picture with clothing_store_app. Before using this app, review its <a href="#">privacy policy</a> and <a href="#">terms of service</a>.</p> <p>Don't have an account? <a href="#">Sign Up</a></p>	Or using <b>Google Account</b> to log in/ register a new account.

Table 5: Login with Google

## 2.4 Forgot Password

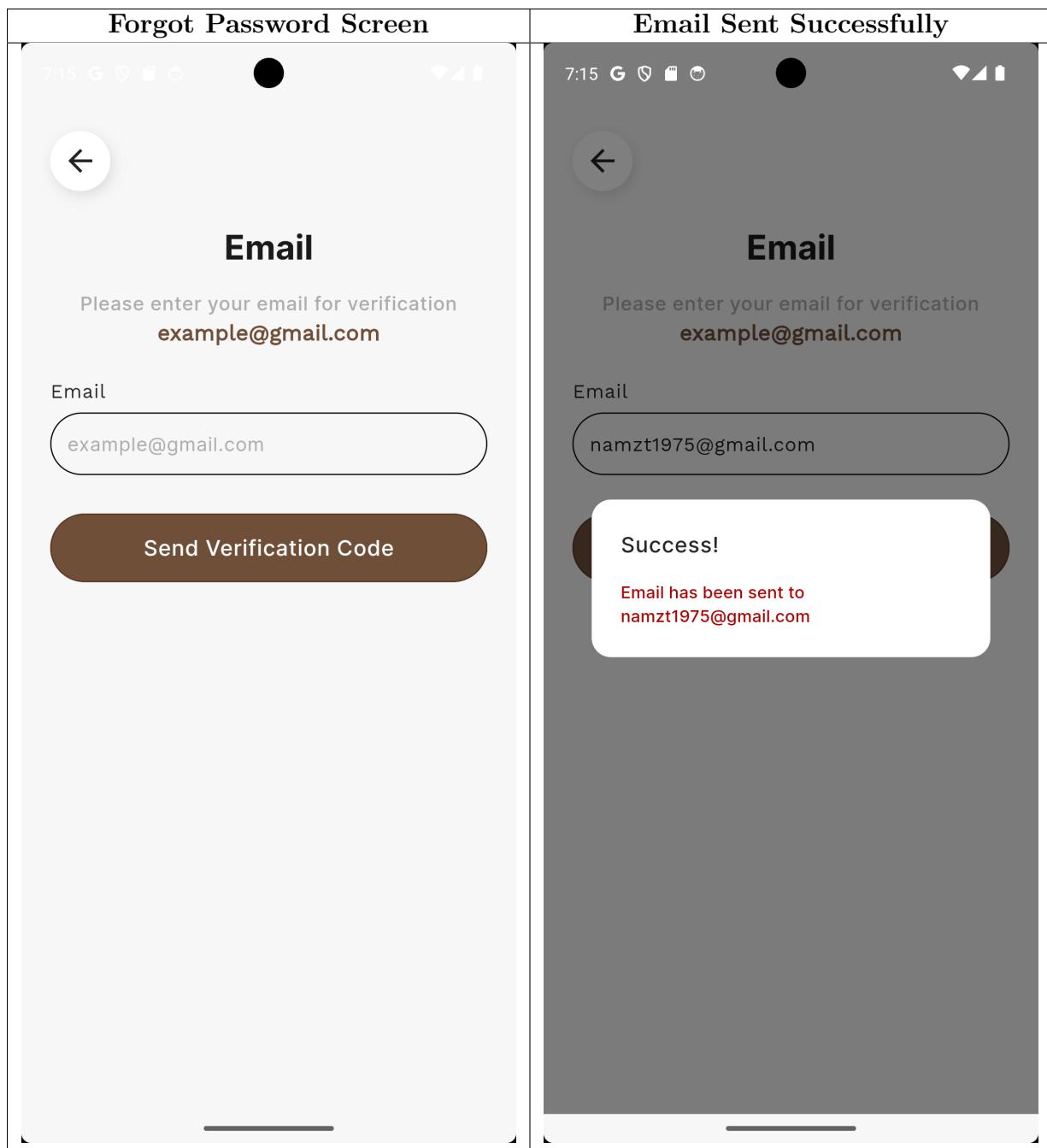


Table 6: Forgot Password

## Process of set up new password:

- User must follow these steps to set up new password for their registered email.

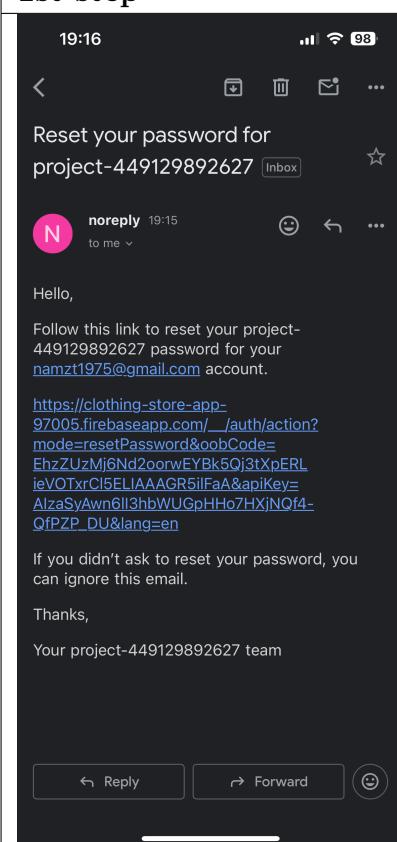
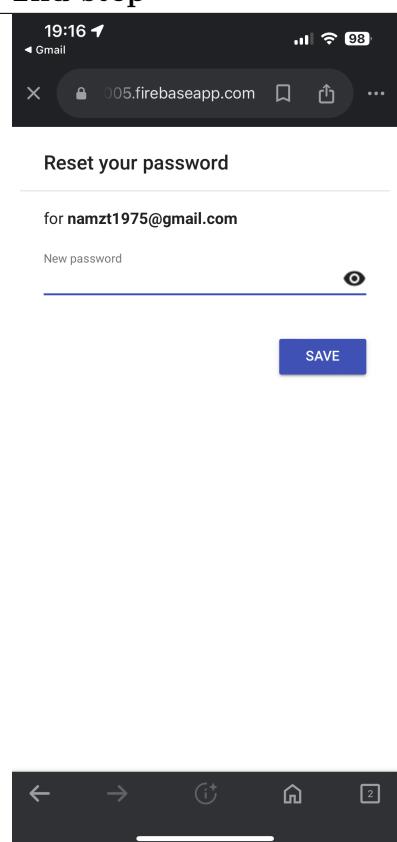
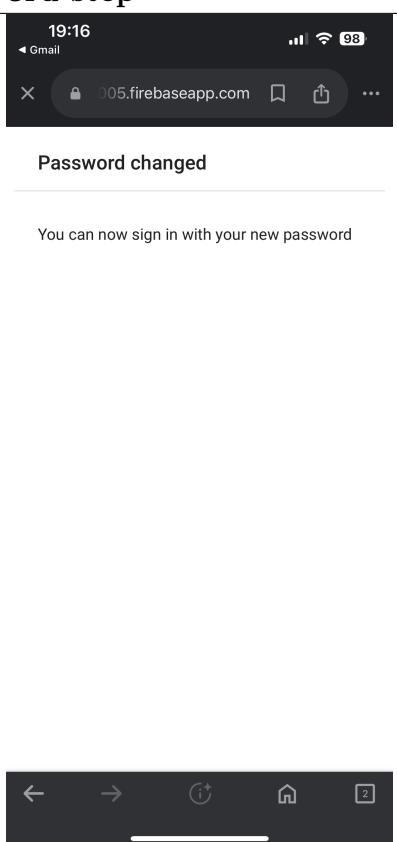
1st step	2nd step	3rd step
 <p>Reset your password for project-449129892627 [Inbox]</p> <p>noreply 19:15 to me</p> <p>Hello,</p> <p>Follow this link to reset your project-449129892627 password for your <a href="mailto:namzt1975@gmail.com">namzt1975@gmail.com</a> account.</p> <p><a href="https://clothing-store-app-97005.firebaseio.com/_auth/action?mode=resetPassword&amp;roobCode=EhzUzMj6Nd2oorwEYBk5Qj3tXpERLjeVOTrxCl5ELJAAQR5lfA&amp;apiKey=AlzaSyAwn6l3hbWUGpHHo7HXjNQf4-QfpZP_DU&amp;lang=en">https://clothing-store-app-97005.firebaseio.com/_auth/action?mode=resetPassword&amp;roobCode=EhzUzMj6Nd2oorwEYBk5Qj3tXpERLjeVOTrxCl5ELJAAQR5lfA&amp;apiKey=AlzaSyAwn6l3hbWUGpHHo7HXjNQf4-QfpZP_DU&amp;lang=en</a></p> <p>If you didn't ask to reset your password, you can ignore this email.</p> <p>Thanks,</p> <p>Your project-449129892627 team</p>	 <p>Reset your password</p> <p>for <a href="mailto:namzt1975@gmail.com">namzt1975@gmail.com</a></p> <p>New password</p> <p><input type="password"/></p> <p>SAVE</p>	 <p>Password changed</p> <p>You can now sign in with your new password</p>

Table 7: Process of Setting New Password

## 2.5 Sign Up for an Account

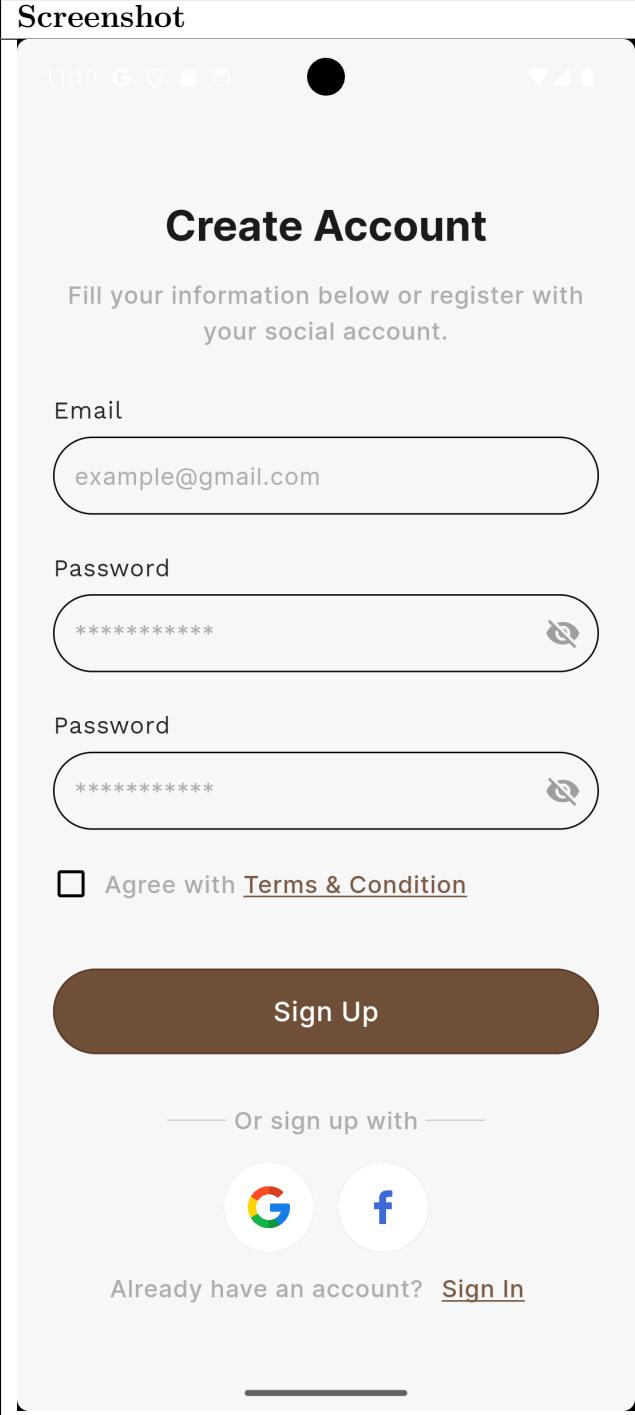
Screenshot	Details
 A screenshot of a mobile application's sign-up screen. The title "Create Account" is at the top. Below it is a placeholder text: "Fill your information below or register with your social account." There are two text input fields: one for "Email" containing "example@gmail.com" and one for "Password" showing a masked password. A checkbox labeled "Agree with <a href="#">Terms &amp; Condition</a> " is present. A large brown "Sign Up" button is at the bottom. Below the button, there is a section titled "Or sign up with" featuring icons for Google and Facebook. At the very bottom, there is a link "Already have an account? <a href="#">Sign In</a> ".	User can register a new account for shopping online.

Table 8: Sign up

- Similar to the Login Screen, here user can register a new shopping account by creating it manually or using an existing social account (Google or Facebook).

## 2.6 Complete Profile

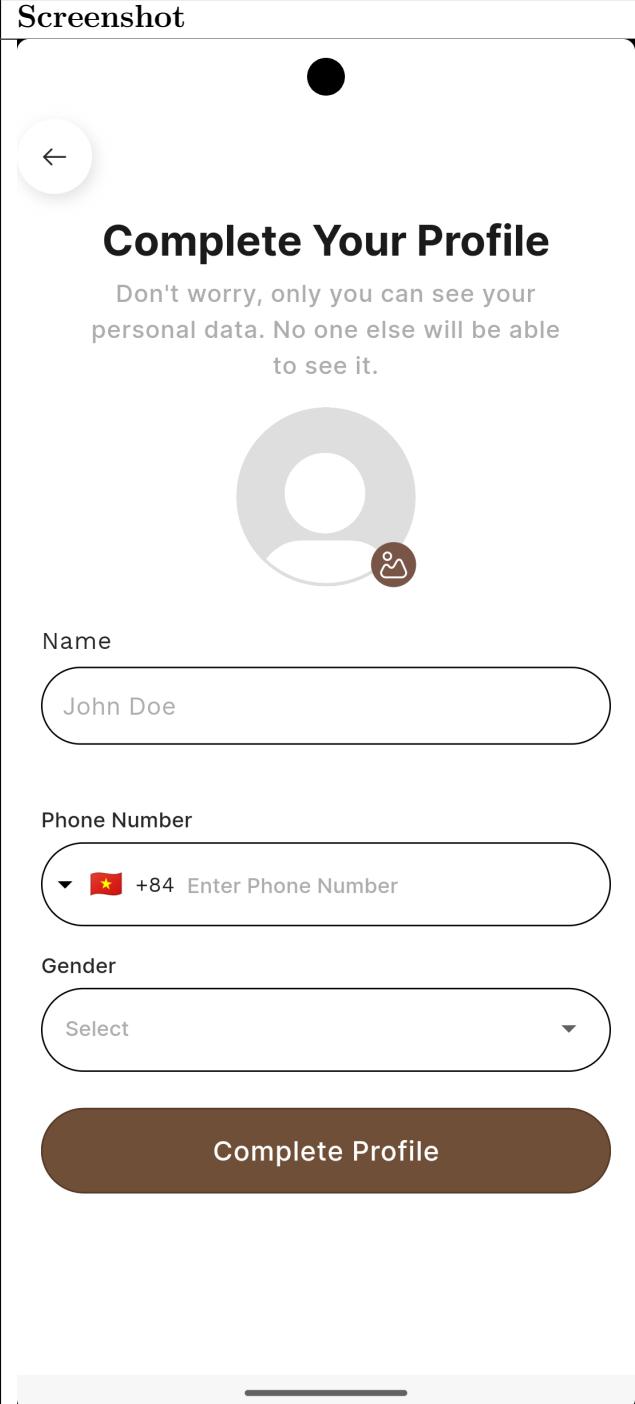
Screenshot	Details
 A screenshot of a mobile application interface titled "Complete Your Profile". The screen includes a back arrow, a placeholder profile picture, and instructions: "Don't worry, only you can see your personal data. No one else will be able to see it." Below these are input fields for "Name" (containing "John Doe"), "Phone Number" (containing "+84 Enter Phone Number"), and "Gender" (containing "Select"). A large brown "Complete Profile" button is at the bottom. A progress bar is visible at the bottom of the screen. <p>←</p> <p><b>Complete Your Profile</b></p> <p>Don't worry, only you can see your personal data. No one else will be able to see it.</p> <p>Name</p> <p>John Doe</p> <p>Phone Number</p> <p>+84 Enter Phone Number</p> <p>Gender</p> <p>Select</p> <p>Complete Profile</p>	User is forced to complete their profile. They also can change profile picture by selecting from library or taking photo.

Table 9: Complete Profile

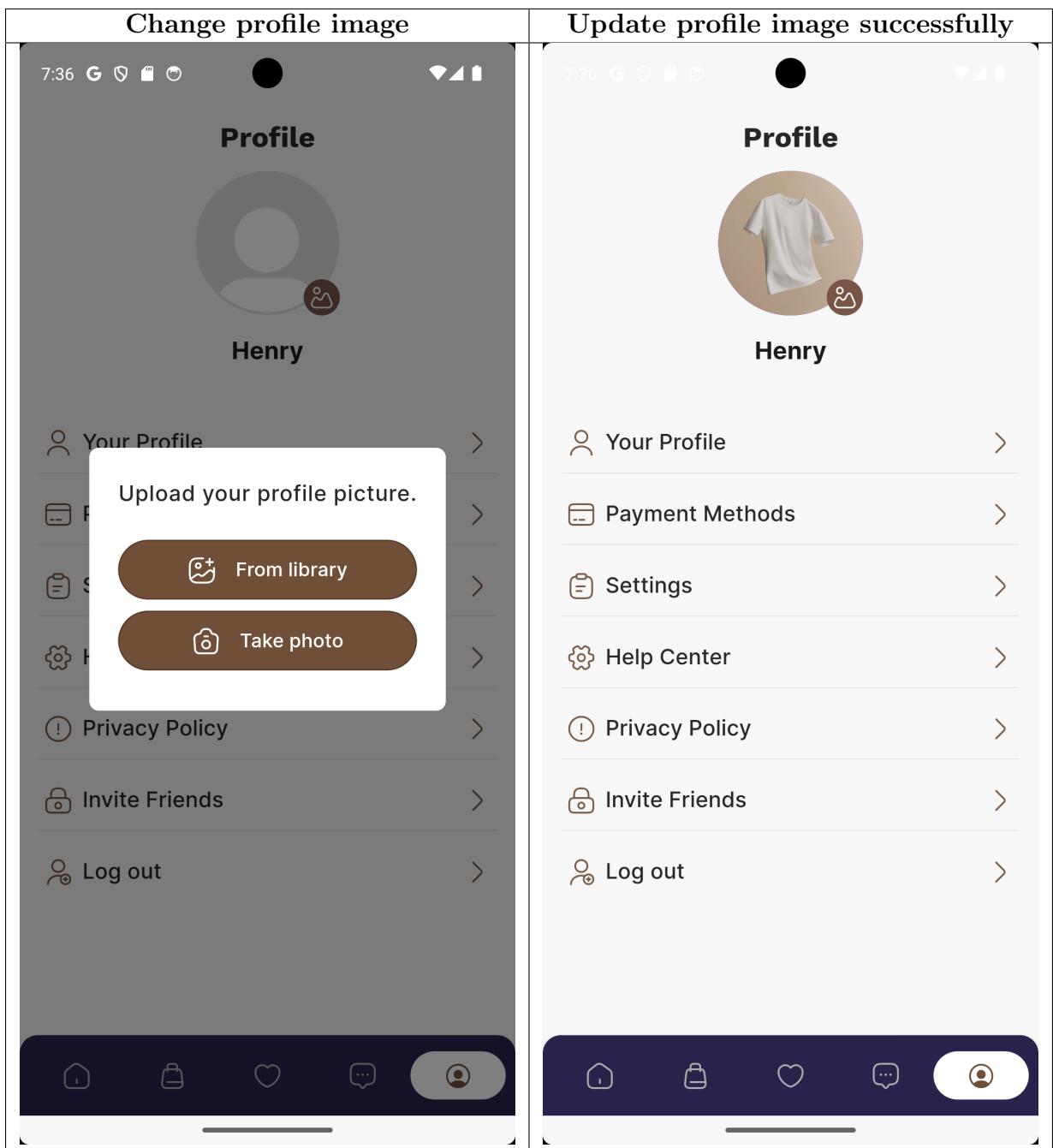


Table 10: Update Profile Picture

- User can change their profile image by selecting image from library or take a photo.

- The path of the selected/ captured photo will be updated on Cloud Firestore.

The screenshot shows the Google Cloud Platform Cloud Firestore interface. At the top, it says "Clothing Store App" and "Cloud Firestore". Below that, there are tabs for "Panel view" (which is selected), "Query builder", and three vertical dots. The main area shows a document structure:

```

User > H2paPbYN8Zeb.
  + Start collection
    APIKey
    Cloth
    Coupon
    User >
      + Add document
        H2paPbYN8ZebI8LJmu8f73eq0o1
          + Start collection
            Cart
            SearchHistory
          + Add field
            friends
              0 "34bMWpEKc8PrLUEcElj62t9Lc1J2"
                imageUrl: "https://firebasestorage.googleapis.com/o/User%2FH...store-app-97005.appspot.com/o/User%2FH...alt=media&token=00e77f7f-757f-4a957e4c06e24"
                name: "Henry"
                phone: "(+84) 01234567894"
            shippingInfoList
              0 "Nam, 0397436498, 111 To Hien Thanh, Phuong 15, Quan 10"

```

At the bottom left, it says "Database location: nam5".

Figure 2: Profile Image is updated on Firestore

## 2.7 Home Screen

Screenshot	Details
<p>The screenshot shows the Home Screen of a mobile application. At the top, there is a header bar with a location indicator (123 To Hien Thanh), a search bar, and a notification bell icon with a red badge showing '2'. Below the header is a large banner titled 'Trending Now' featuring two women and the text 'The latest fashion trends'. A 'Shop Now' button is at the bottom of the banner. Underneath the banner is a section titled 'Categories' with four icons: T-shirt, Pant, Shirt, and Jacket. Below the categories are four product cards: 'Men Basic Jacket 1' (4.7 stars, \$90.00), 'Men Basic Shorts' (4.5 stars, \$90.00), a polo shirt, and a dark t-shirt. Each product card includes a heart icon for wishlist functionality. The bottom navigation bar features icons for Home, Bag, Heart, Chat, and Profile.</p>	<ul style="list-style-type: none"> <li>Shipping location will appear at the top, which is the default shipping address. If user has not added address, we will allow user to add new address here.</li> <li>User will receive notifications when other send a friend request, or store have seasonal sale. Moreover, user will also be kept update with the shipping information of their purchases.</li> <li>Attractive banners showing our new campaigns.</li> <li>To add any item to wishlist, user can press the heart icon in the product card. If heart is filled, item is added to wishlist.</li> <li>User can go shopping here!</li> </ul>

Table 11: Home Screen

## Category Screen

- User can filter products for a specific category selected in the home screen.

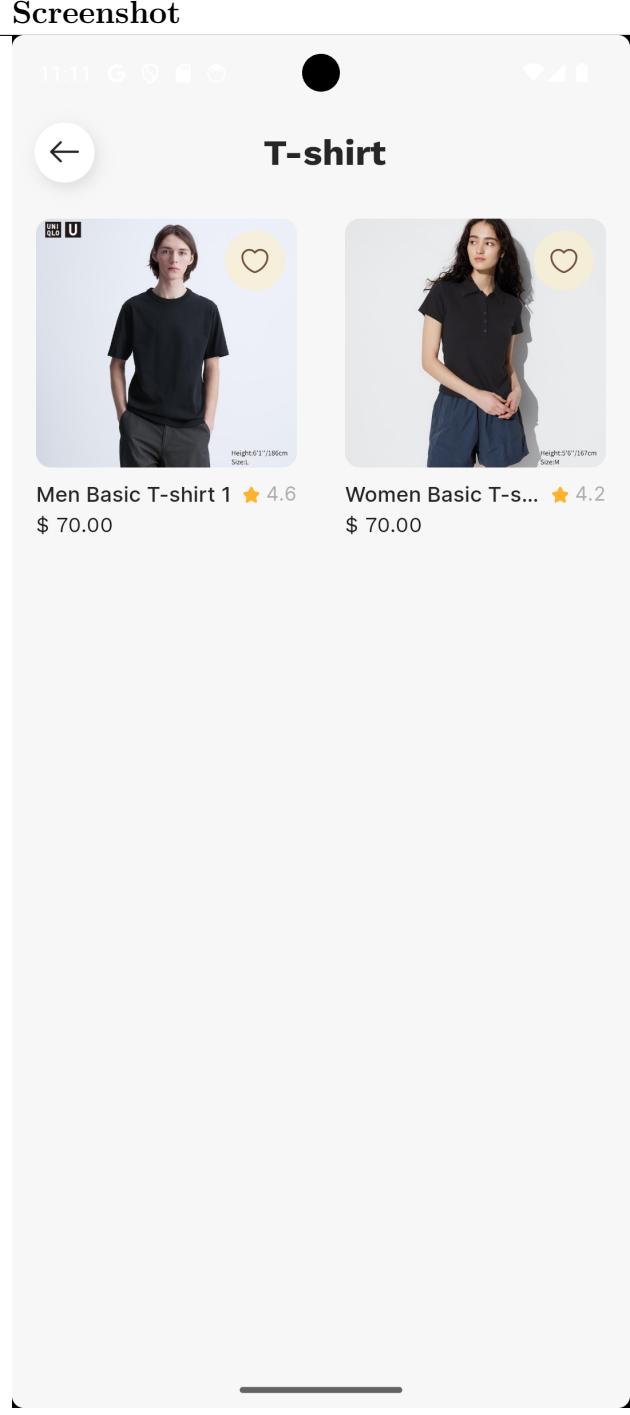
Screenshot	Details
 A screenshot of a mobile application interface titled "T-shirt". The screen displays two product cards: "Men Basic T-shirt 1" and "Women Basic T-shirt". Each card includes a thumbnail image, the product name, a star rating (4.6 and 4.2 respectively), the price (\$ 70.00), and a small heart icon for favoriting. The background shows a blurred view of a store interior. <p>Men Basic T-shirt 1 ★ 4.6 \$ 70.00</p> <p>Women Basic T-shirt ★ 4.2 \$ 70.00</p>	User can shopping here as well!

Table 12: Category Screen

## 2.8 Product Detail Screen

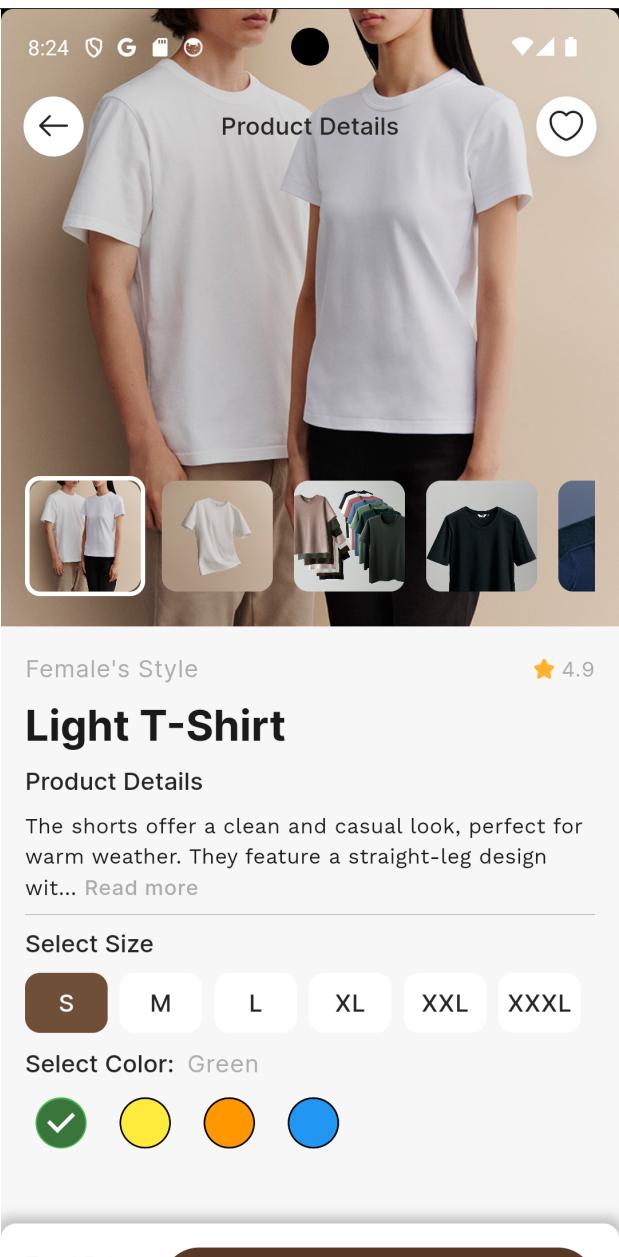
Screenshot	Details
 A screenshot of a mobile application's Product Detail Screen. At the top, there is a large image of two models wearing white t-shirts. Below the image, the text "Product Details" is centered. To the left is a back arrow icon, and to the right is a heart icon. Underneath the main image are four smaller thumbnail images showing different styles and colors of t-shirts. Below these thumbnails, the text "Female's Style" is followed by a yellow star rating of 4.9. The product name "Light T-Shirt" is displayed in bold black text. Underneath the name is the section "Product Details" with a brief description: "The shorts offer a clean and casual look, perfect for warm weather. They feature a straight-leg design with...". A "Read more" link is visible at the end of the description. Below this, there is a "Select Size" section with size buttons for S, M, L, XL, XXL, and XXXL, where "S" is selected. There is also a "Select Color" section with color buttons for Green (selected), Yellow, Orange, and Blue. At the bottom, the total price is listed as "\$83.97" next to an "Add to Cart" button with a shopping bag icon.	<ul style="list-style-type: none"><li>This screen will show all the information of the product including item description, available colors, sizes, review and price.</li><li>Each item may have multiple colors, for each color the number of items in stock and price for each will be different.</li><li>User can add to cart and continue shopping.</li></ul>

Table 13: Product Detail Screen

## 2.9 User Profile

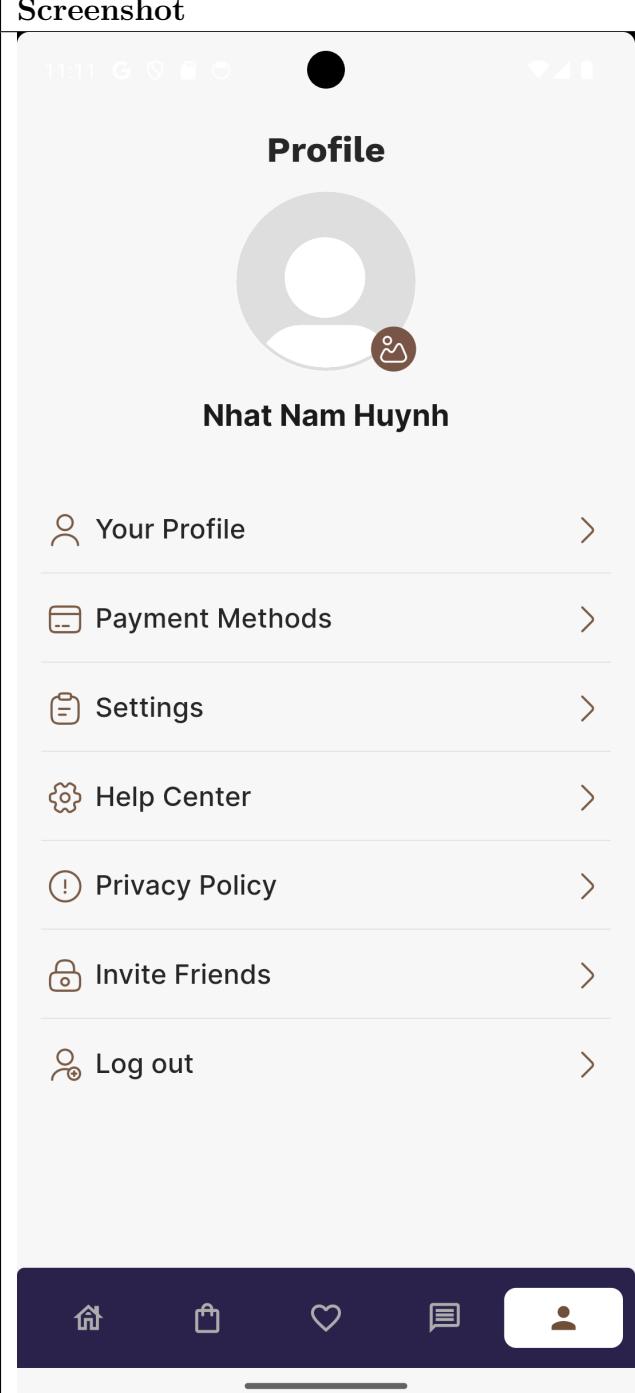
Screenshot	Details
 A screenshot of the user profile screen. At the top, it says "Profile". Below that is a large circular placeholder for a profile picture. The user's name, "Nhat Nam Huynh", is displayed in bold black text. Below the name is a list of menu items, each with an icon and text: "Your Profile", "Payment Methods", "Settings", "Help Center", "Privacy Policy", "Invite Friends", and "Log out". At the bottom of the screen is a dark blue navigation bar with five icons: a house, a shopping bag, a heart, a speech bubble, and a person (profile icon).  From this screen, user can: <ul style="list-style-type: none"><li>• Edit their information &amp; change profile picture.</li><li>• Add more payment methods.</li><li>• Adjust some setting for the application.</li><li>• Reach the help center for further insight.</li><li>• Read the privacy policy.</li><li>• Invite friends.</li><li>• Log out.</li></ul>	

Table 14: Profile Screen

## 2.10 Add payment method

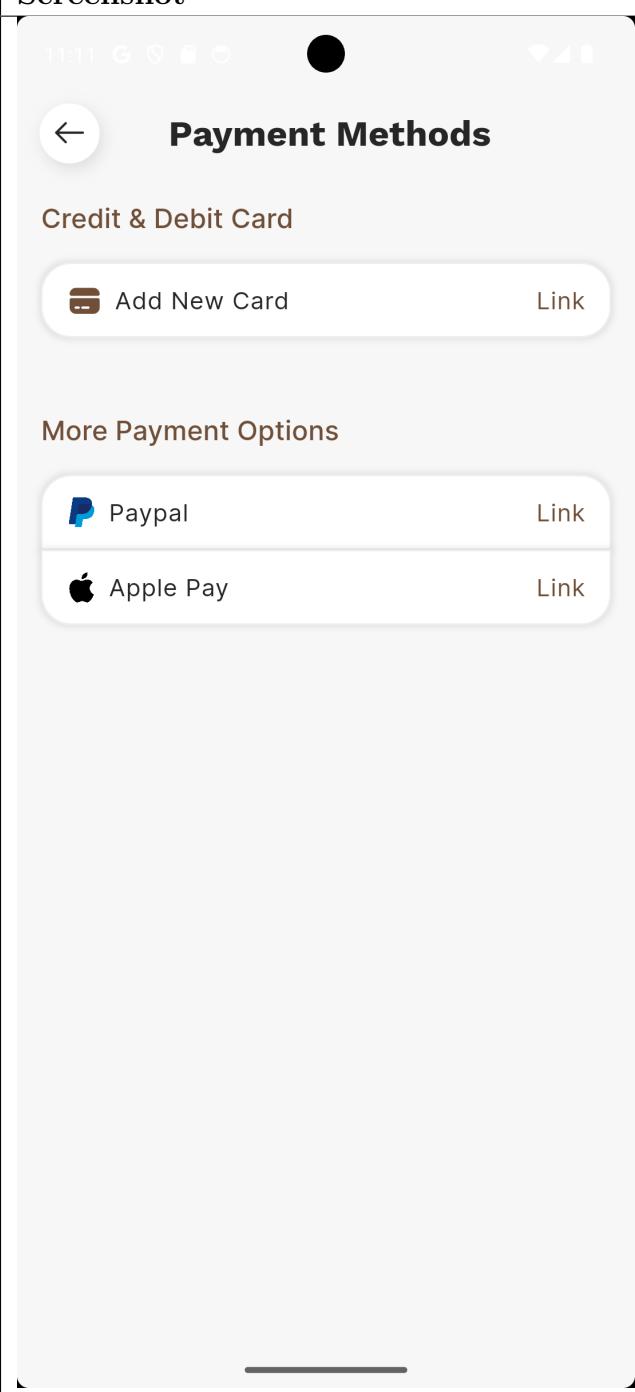
Screenshot	Details
 A screenshot of a mobile application's "Payment Methods" screen. At the top, there is a back arrow icon and the title "Payment Methods". Below the title, there is a section titled "Credit & Debit Card" with a button labeled "Add New Card" and a "Link" button. Underneath this, there is a section titled "More Payment Options" with buttons for "Paypal" and "Apple Pay", each accompanied by a "Link" button. The screen has a light gray background and rounded corners for the buttons.	User can link a new card or paypal or apple pay for further payments.

Table 15: Payment Methods Screen

## 2.11 Help Center

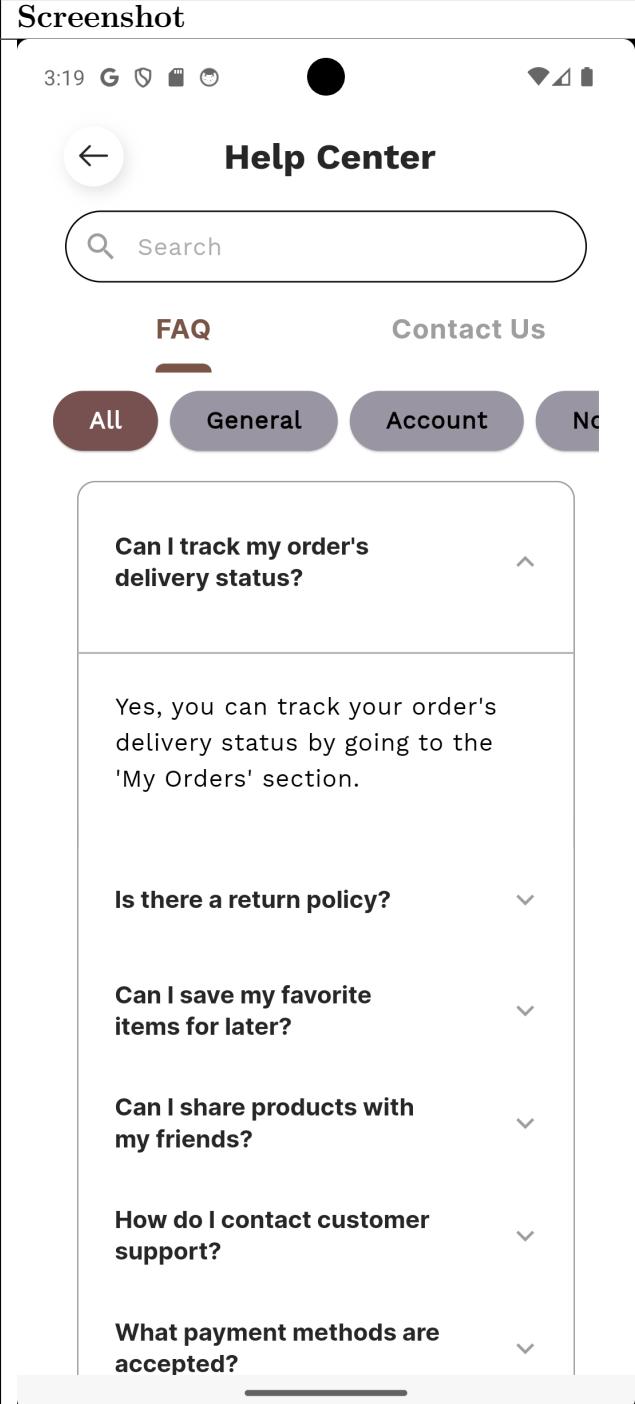
Screenshot	Details
 A screenshot of a mobile application's Help Center screen. At the top, there is a navigation bar with a back arrow, the title "Help Center", and a search bar containing the placeholder "Search". Below the navigation bar are three tabs: "FAQ" (selected), "Contact Us", and "Account". Underneath the tabs are four buttons: "All" (selected), "General", "Account", and "Notification". The main content area displays a list of frequently asked questions, each with an expand/collapse arrow. The first question is expanded, showing the answer: "Yes, you can track your order's delivery status by going to the 'My Orders' section." Other visible questions include: "Is there a return policy?", "Can I save my favorite items for later?", "Can I share products with my friends?", "How do I contact customer support?", and "What payment methods are accepted?". <p>3:19 G 5 6 7 8 9</p> <p>Help Center</p> <p>Search</p> <p>FAQ Contact Us</p> <p>All General Account Notification</p> <p>Can I track my order's delivery status?</p> <p>Yes, you can track your order's delivery status by going to the 'My Orders' section.</p> <p>Is there a return policy?</p> <p>Can I save my favorite items for later?</p> <p>Can I share products with my friends?</p> <p>How do I contact customer support?</p> <p>What payment methods are accepted?</p>	<ul style="list-style-type: none"><li>• Navigate between tabs: FAQ (selected), Contact Us</li><li>• Use the search bar to find questions about the app.</li><li>• Browse categories: All, General, Account, and Notification.</li><li>• View the FAQ list:</li><li>• <b>Questions</b></li><li>• <b>Action:</b> Click to expand or collapse the answer.</li><li>• Return to the previous screen by clicking the Back button.</li></ul>

Table 16: Help Center Screen

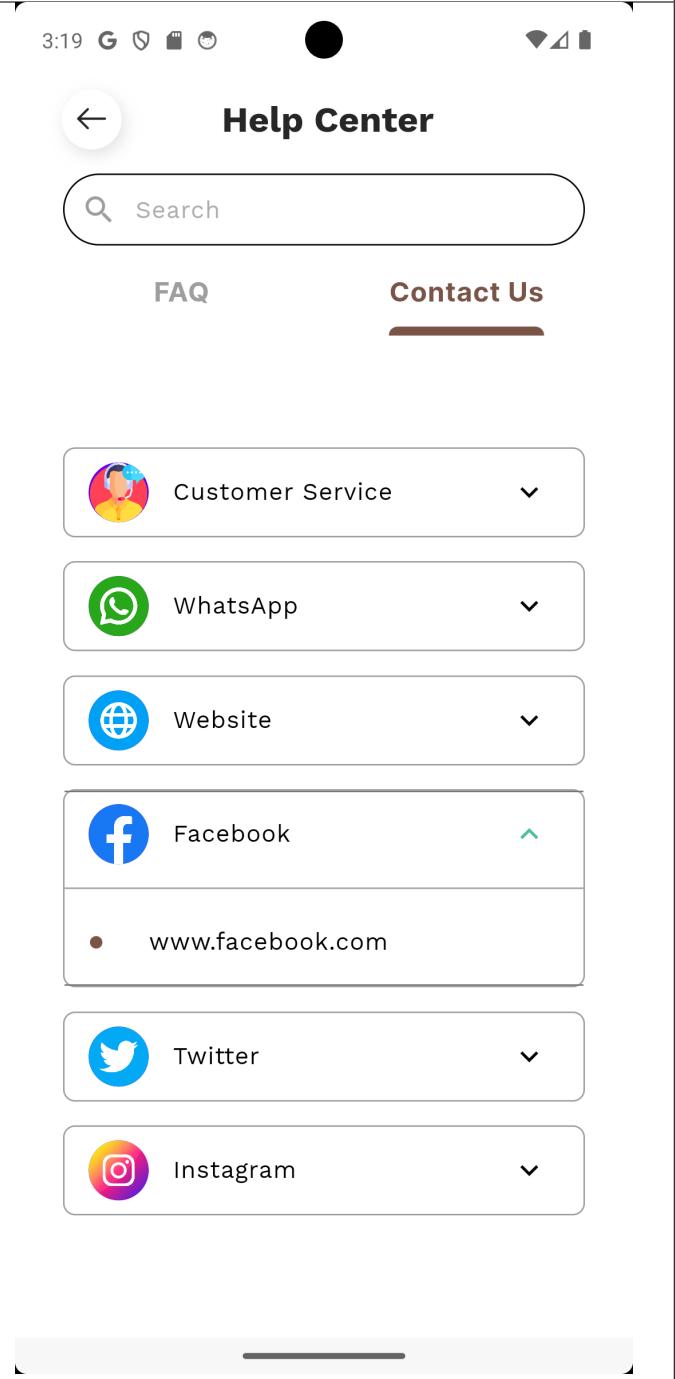
Screenshot	Details
 <p>The screenshot shows the 'Help Center' screen of an app. At the top, there is a navigation bar with a back arrow, the title 'Help Center', and a search bar. Below the navigation bar are two tabs: 'FAQ' and 'Contact Us', with 'Contact Us' being the selected tab (indicated by a brown underline). The main content area contains six contact options, each with an icon and a dropdown arrow:</p> <ul style="list-style-type: none"> <li>Customer Service (customer service icon)</li> <li>WhatsApp (WhatsApp icon)</li> <li>Website (globe icon)</li> <li>Facebook (Facebook icon, expanded to show the URL 'www.facebook.com')</li> <li>Twitter (Twitter icon)</li> <li>Instagram (Instagram icon)</li> </ul>	<ul style="list-style-type: none"> <li>• Navigate between tabs: 'FAQ', 'Contact Us'" (selected)</li> <li>• Use the search bar to find questions about the app.</li> <li>• View contact options: Customer Service, WhatsApp, Website, Facebook, Twitter and Instagram.</li> <li>• <b>Action:</b> Click to expand and show contact details.</li> <li>• Return to the previous screen by clicking the Back button.</li> </ul>

Table 17: Help Center Screen

## 2.12 Privacy Policy Screen

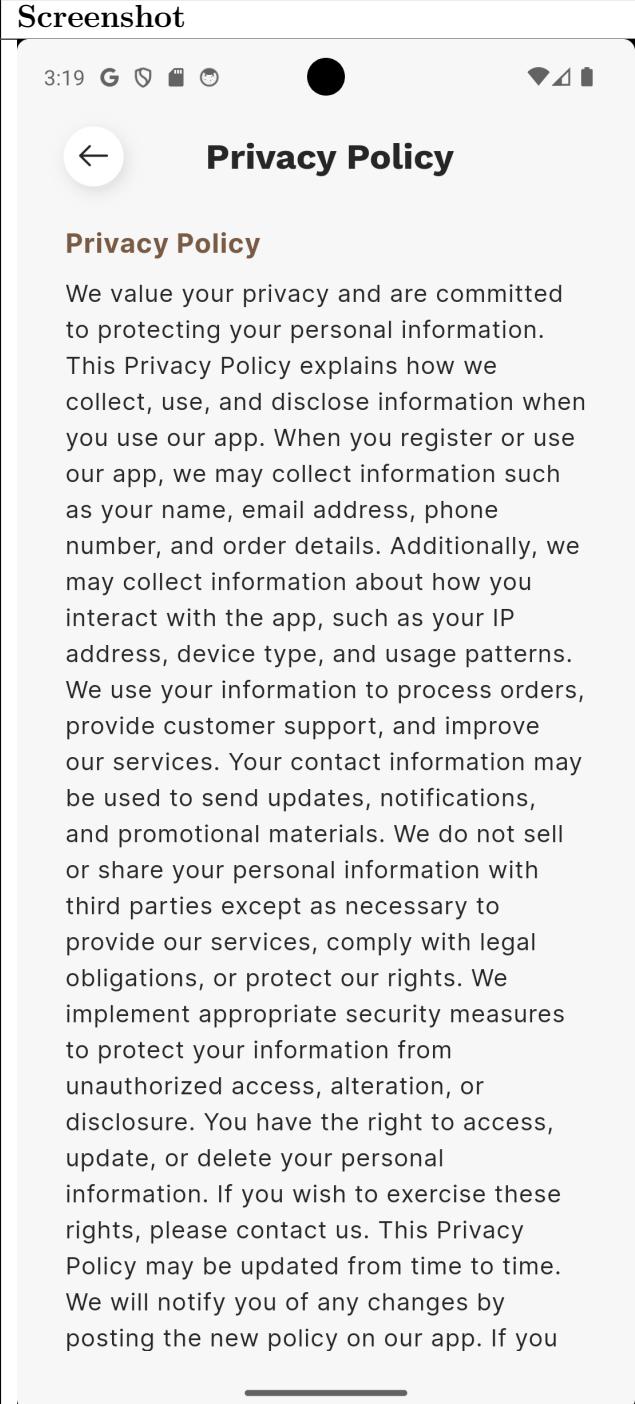
Screenshot	Details
 A screenshot of a mobile phone displaying a privacy policy page. At the top, there is a navigation bar with a back arrow icon, the title "Privacy Policy" in a large, bold, dark font, and a smaller "Privacy Policy" section header in a brown font. Below the header, there is a long block of text explaining the company's commitment to privacy and how they collect, use, and disclose personal information. The text includes details about data collection from app usage, registration, and purchases, as well as the use of IP addresses and device types. It also discusses the protection of personal information through security measures like unauthorized access, alteration, or disclosure. The text concludes with a note about rights to access, update, or delete personal information and the company's right to change the policy.	<p>View a detailed explanation of the privacy policy and Terms &amp; Conditions.</p>

Table 18: Privacy Policy Screen

## 2.13 Invite Friend Screen

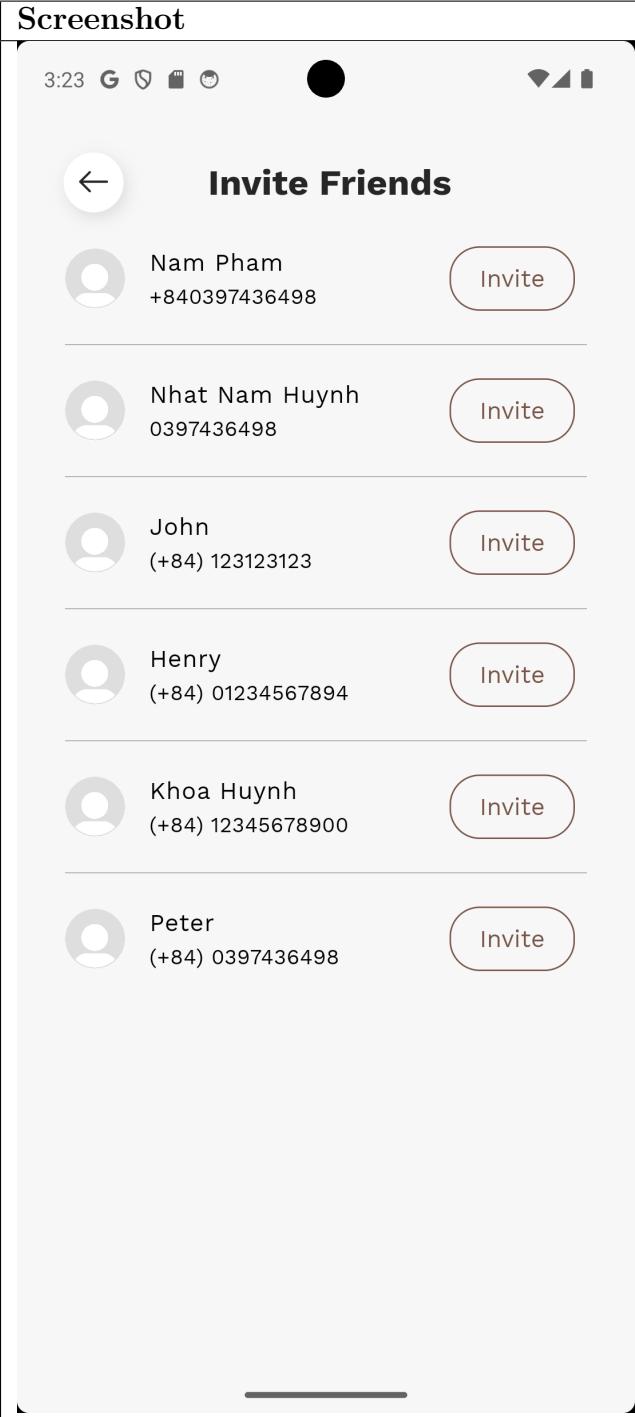
Screenshot	Details
 A screenshot of the 'Invite Friends' screen. At the top, there is a back arrow icon and the title 'Invite Friends'. Below this, there is a list of six users, each with a profile picture, name, phone number, and an 'Invite' button. The users are: Nam Pham (+840397436498), Nhat Nam Huynh (0397436498), John (+84) 123123123, Henry (+84) 01234567894, Khoa Huynh (+84) 12345678900, and Peter (+84) 0397436498. The 'Invite' button is an oval-shaped button with the word 'Invite' in a dark font.	User can view and invite other users to join.

Table 19: Invite Friends Screen

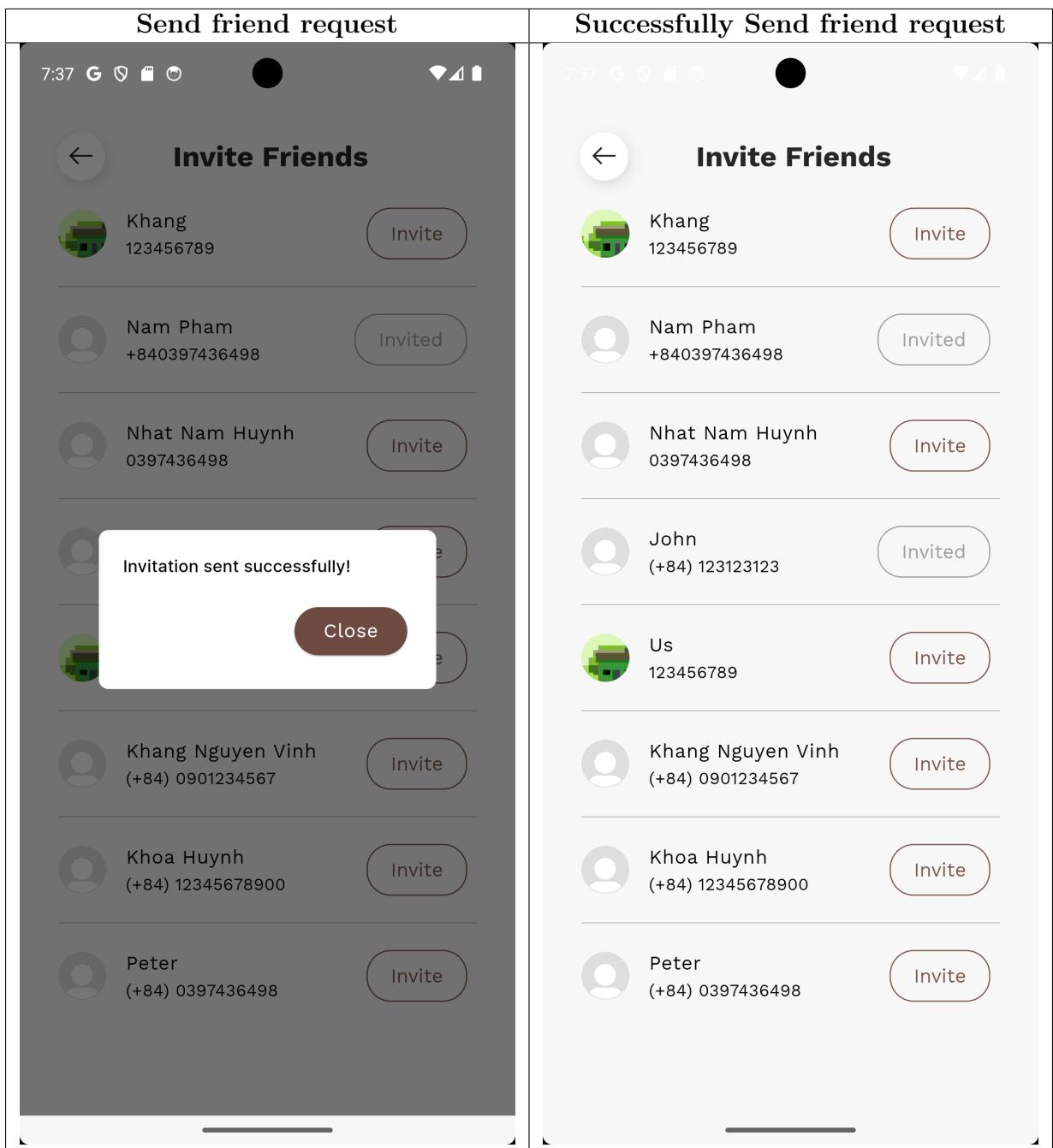


Table 20: Invite Friends Process

## 2.14 Log out

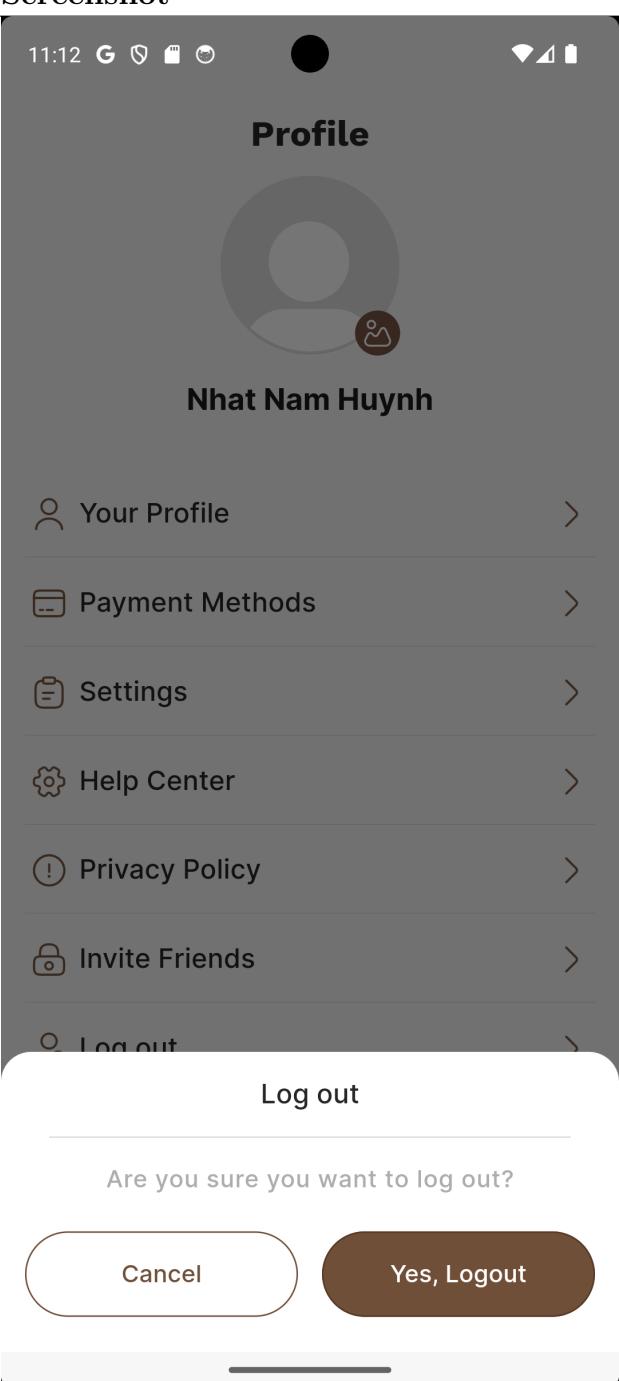
Screenshot	Details
 A screenshot of a mobile application's profile screen. At the top, there is a dark header bar with icons for time (11:12), signal strength, battery level, and connectivity. Below the header is a dark gray navigation bar with white text. The main content area has a dark background. At the top of this area, it says "Profile" in bold. Below that is a large, circular placeholder icon for a user profile picture. Underneath the placeholder is the user's name, "Nhat Nam Huynh". A vertical list of menu items follows: "Your Profile", "Payment Methods", "Settings", "Help Center", "Privacy Policy", "Invite Friends", and "Log out". The "Log out" item is highlighted with a light gray background. A white modal dialog box is overlaid on the screen, centered over the "Log out" item. The dialog has a thin black border and contains the word "Log out" at the top. Below it is a question: "Are you sure you want to log out?". At the bottom of the dialog are two buttons: "Cancel" on the left and "Yes, Logout" on the right. The "Yes, Logout" button is filled with a dark brown color and has white text.	User can log out here.

Table 21: Log out

## 2.15 Update User Profile Information

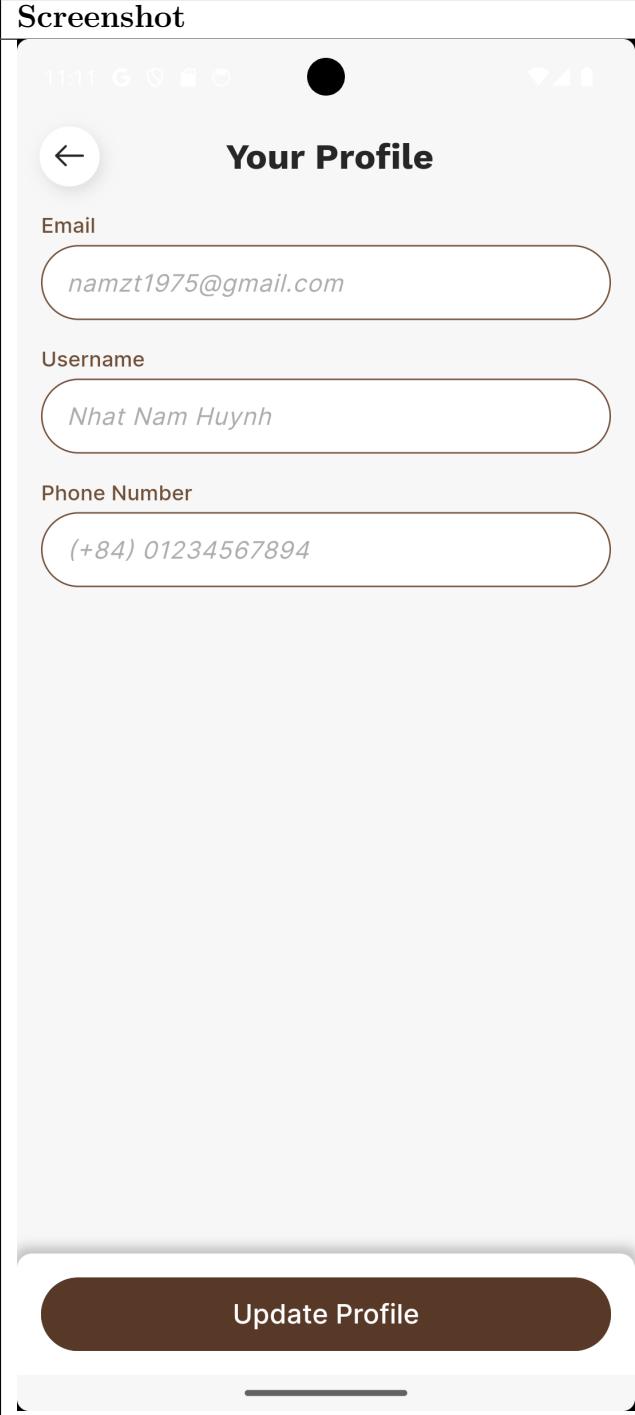
Screenshot	Details
	<ul style="list-style-type: none"><li>• User is allowed to change their username and phone number only.</li><li>• Registered email cannot be changed.</li><li>• Press Update Profile to upload information to Firestore.</li></ul>

Table 22: Update User Information Screen

## 2.16 Add payment method

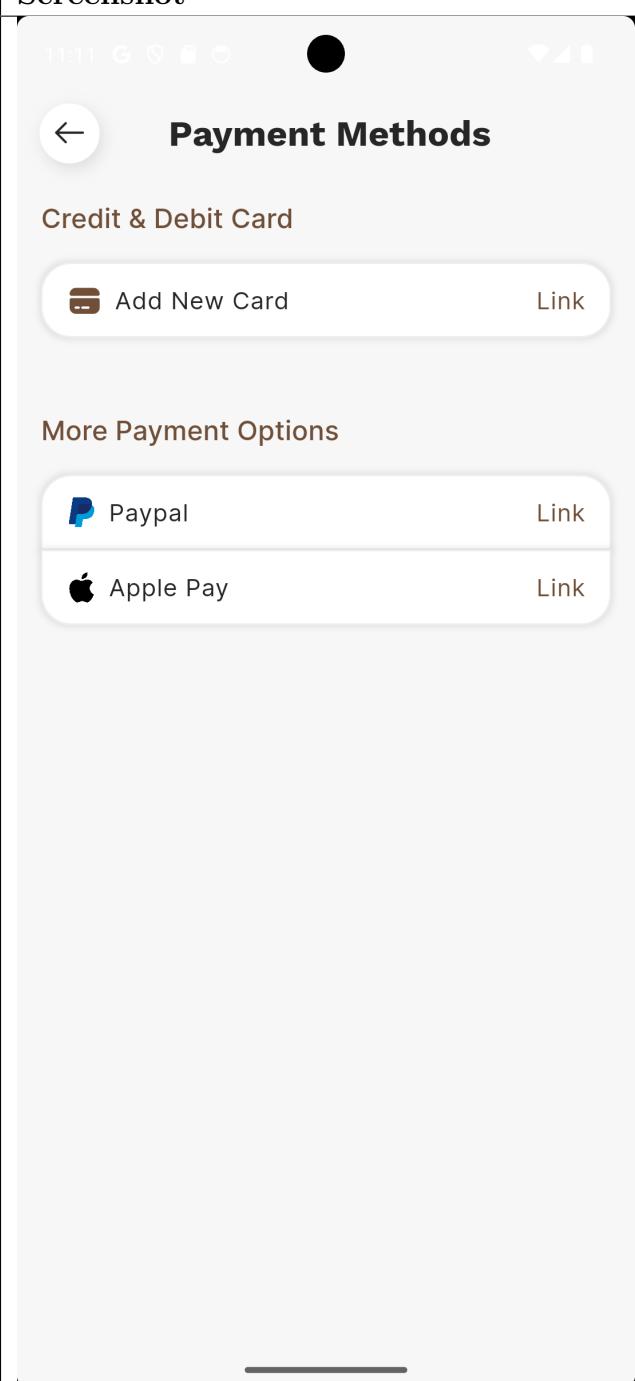
Screenshot	Details
 A screenshot of a mobile application's "Payment Methods" screen. At the top, there is a back arrow icon and the title "Payment Methods". Below this, there is a section titled "Credit & Debit Card" with a button labeled "Add New Card" and a "Link" button. Further down, there is a section titled "More Payment Options" with buttons for "Paypal" and "Apple Pay", each accompanied by a "Link" button. The screen has a light gray background and rounded corners for the buttons.	User can link a new card or paypal or apple pay for further payments.

Table 23: Payment Methods Screen

## 2.17 Setting

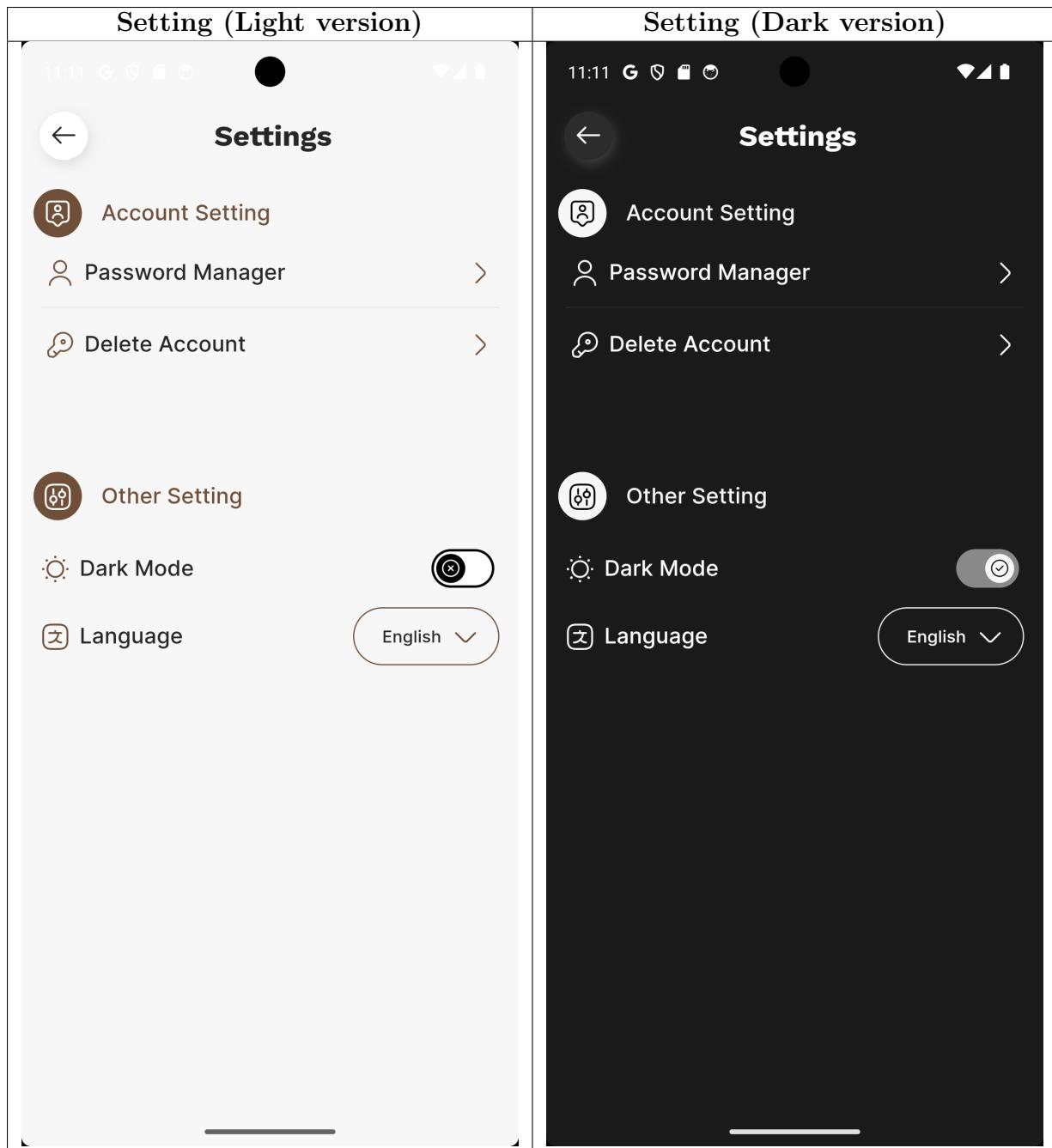


Table 24: Setting Screen

- User can change password, and delete their own account.
- Also, user is allowed to change dark or light theme of application as well as the languages (English or French only).

## 2.18 Password Manager

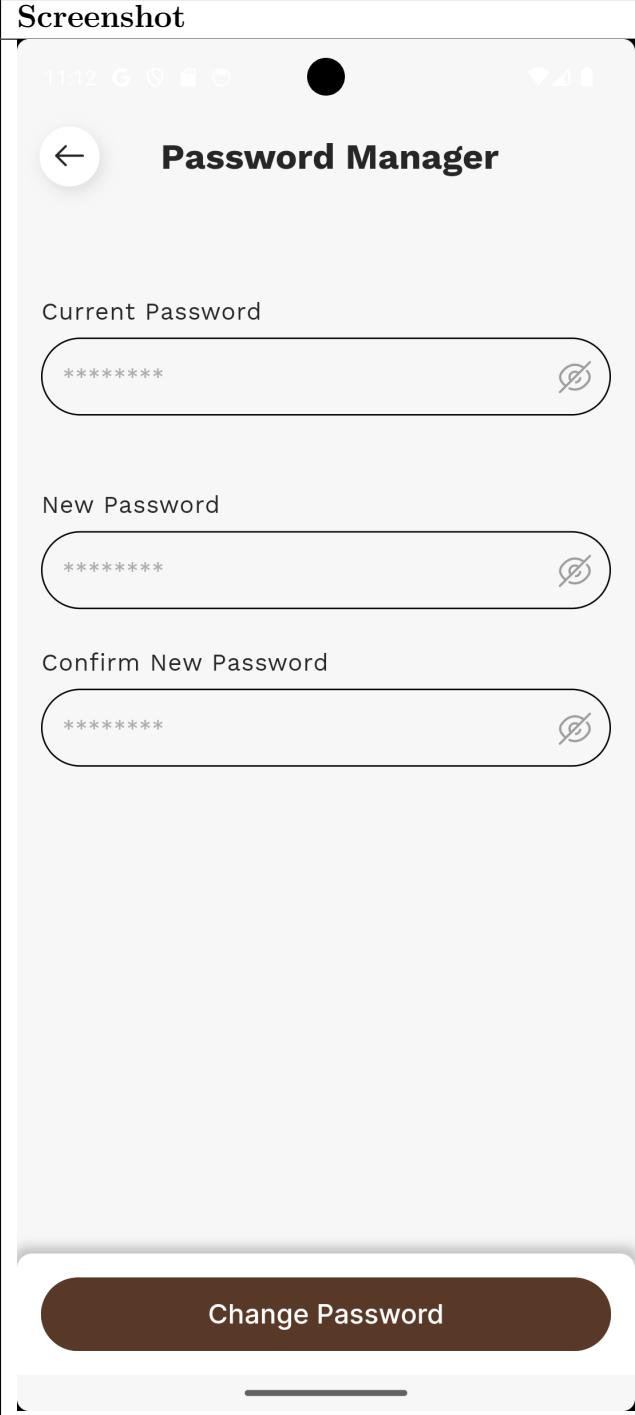
Screenshot	Details
 A screenshot of a mobile application titled "Password Manager". The screen contains three text input fields: "Current Password" (containing "*****" and a visibility icon), "New Password" (containing "*****" and a visibility icon), and "Confirm New Password" (containing "*****" and a visibility icon). Below these fields is a large brown button labeled "Change Password". The top of the screen shows standard Android navigation icons: back, home, and recent apps.	To change the password, user need to enter the current password precisely. Then, they can create a new password and confirm it.

Table 25: Password Manager Screen

## 2.19 Delete the account

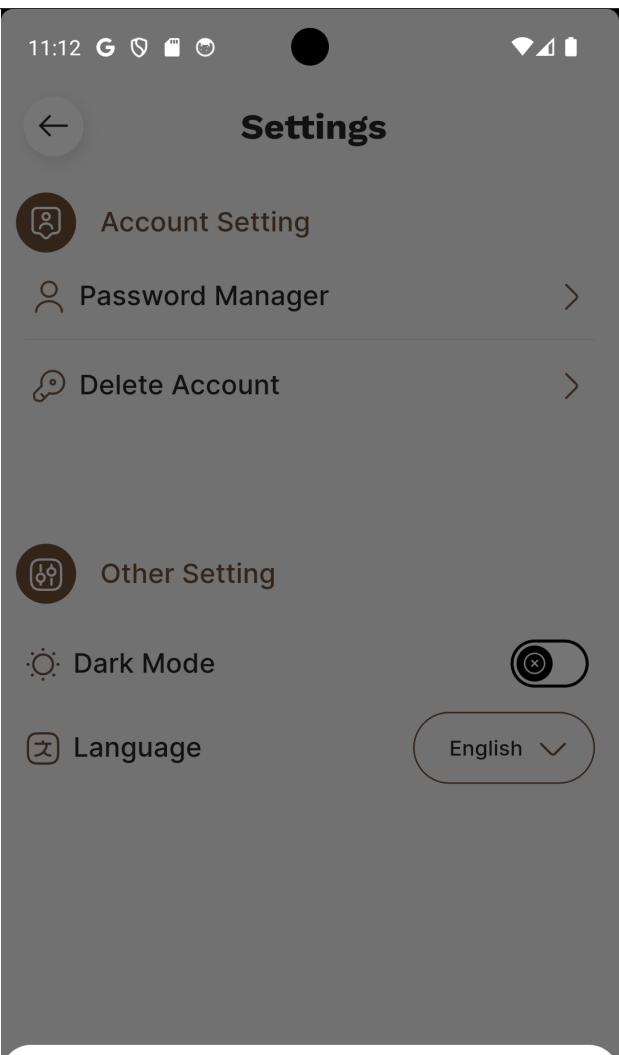
Screenshot	Details
 A screenshot of the app's Settings screen. At the top, there are standard Android status icons (time, signal, battery). Below them is a back arrow icon and the word "Settings" in bold. The main list contains the following items: "Account Setting" (with a user icon), "Password Manager" (with a person icon), "Delete Account" (with a key icon, currently selected and followed by a right arrow), "Other Setting" (with a gear icon), "Dark Mode" (with a sun icon and a toggle switch), and "Language" (with a text icon and a dropdown menu showing "English"). A large white overlay at the bottom contains the title "Delete Account" and the message "Are you sure you want to delete account?". It has two buttons: "Cancel" (white background) and "Yes, Delete" (dark brown background).	User can delete their account here.

Table 26: Delete the account

## 2.20 Change languages

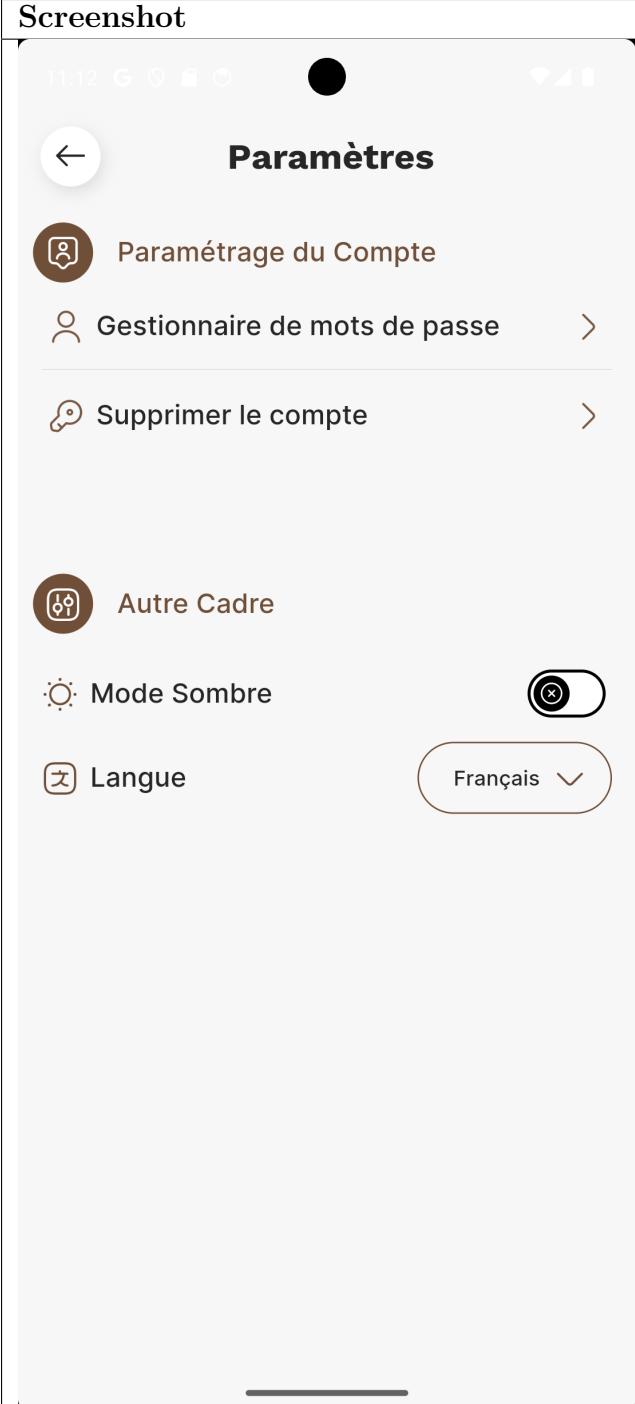
Screenshot	Details
 A screenshot of an Android device's settings menu. The title "Paramètres" is at the top. Below it are several options: "Paramétrage du Compte" (Account settings), "Gestionnaire de mots de passe" (Password manager), "Supprimer le compte" (Delete account), "Autre Cadre" (Other frame), "Mode Sombre" (Dark mode) which is turned off, and "Langue" (Language). A dropdown menu for "Langue" shows "Français" as the selected option.  11:12 G 0 0 0	User can easily change language to French.

Table 27: Setting Screen In French

## 2.21 Notification Screen

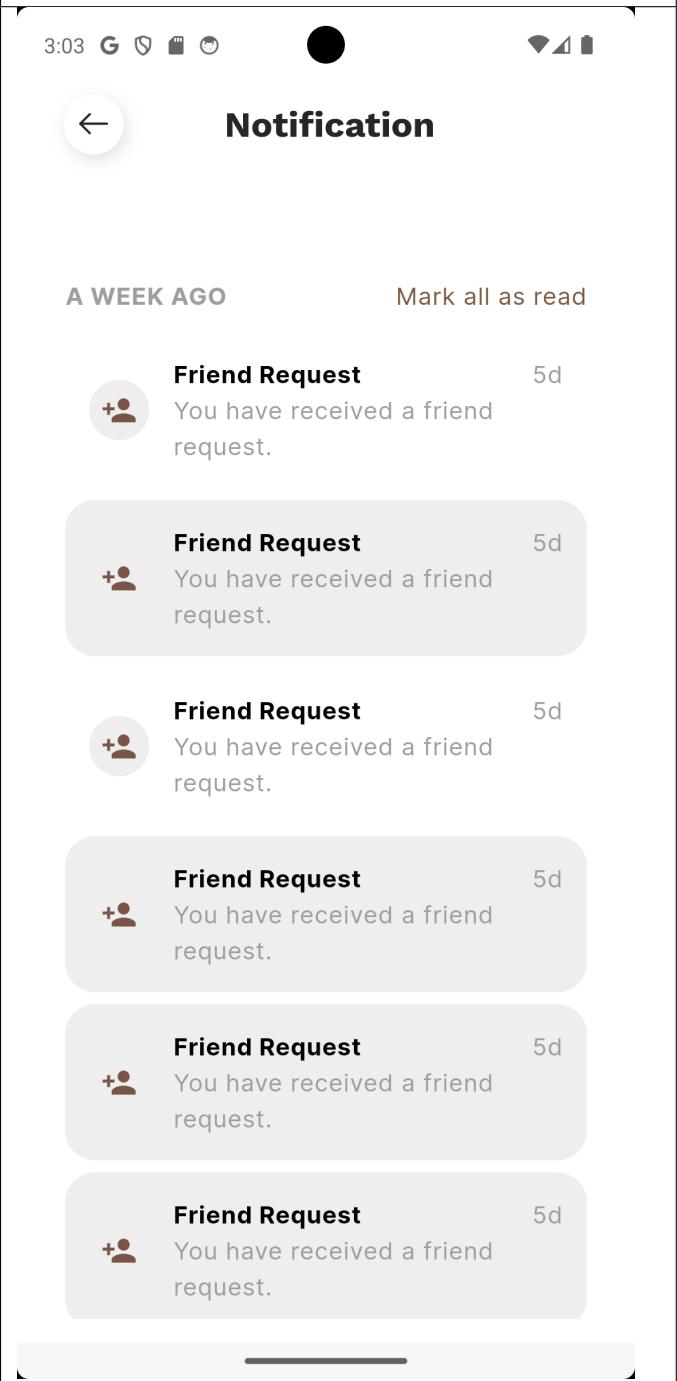
Screenshot	Details
 <p>The screenshot shows a mobile application's notification screen. At the top, there is a navigation bar with a back arrow icon and the word "Notification". Below the navigation bar, the text "A WEEK AGO" is displayed, followed by a "Mark all as read" button. The main content area contains a list of notifications, each consisting of an icon, a title, a timestamp, and a description. The notifications are as follows:</p> <ul style="list-style-type: none"> <li><b>Friend Request</b> (5d ago) - You have received a friend request.</li> <li><b>Friend Request</b> (5d ago) - You have received a friend request.</li> <li><b>Friend Request</b> (5d ago) - You have received a friend request.</li> <li><b>Friend Request</b> (5d ago) - You have received a friend request.</li> <li><b>Friend Request</b> (5d ago) - You have received a friend request.</li> <li><b>Friend Request</b> (5d ago) - You have received a friend request.</li> </ul> <p>A horizontal scrollbar is visible at the bottom of the notification list.</p>	<ul style="list-style-type: none"> <li>Return to the previous screen by clicking the Back button.</li> <li>View the Notification List categorized by: TODAY, YESTERDAY, A WEEK AGO, A MONTH AGO</li> <li>Mark all notifications as read for each list.</li> <li>View a list of notifications, where each includes: Icon representing the type of notification (e.g., friend request, order shipped, flash sale alert), Title, Description, Time since notification.</li> <li>Identify unread notifications highlighted with a gray background.</li> </ul>

Table 28: Notification Screen

## 2.22 Search Screen

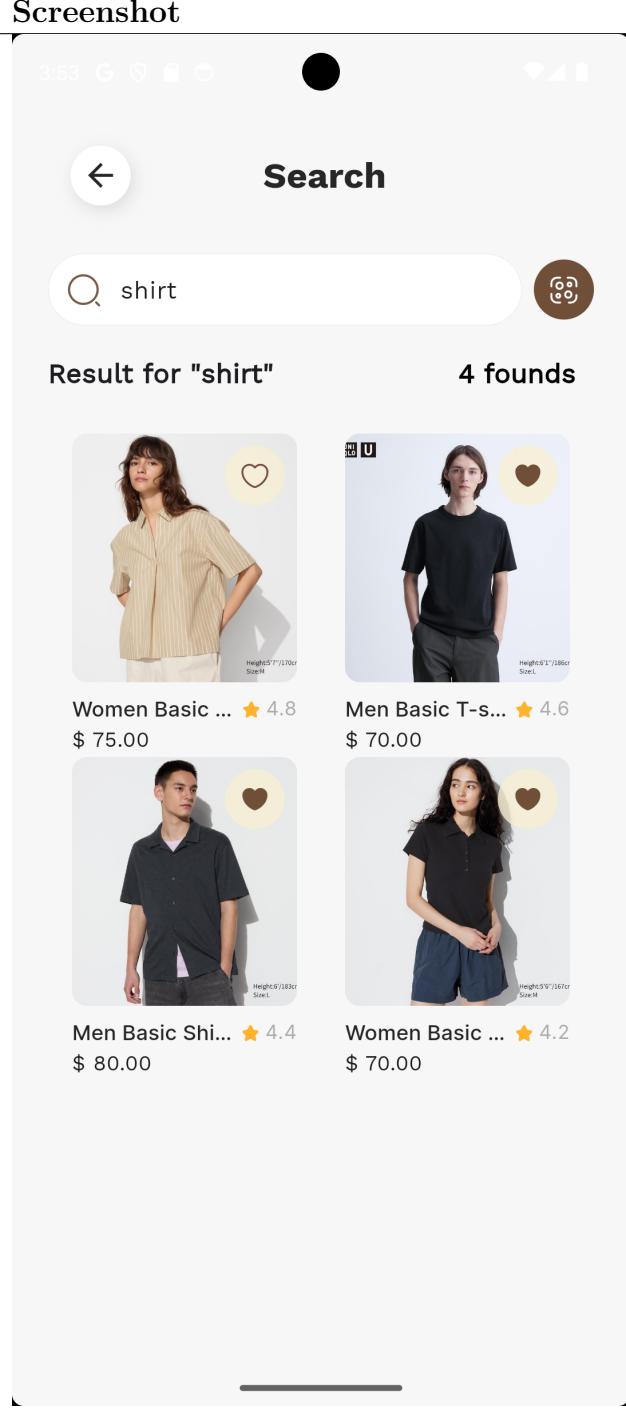
Screenshot	Details															
 <p>The screenshot shows a search interface on a mobile device. At the top, there is a back arrow icon, the word "Search" in bold, and a search bar containing the placeholder text "shirt". To the right of the search bar is a circular icon with three dots. Below the search bar, the text "Result for 'shirt'" is displayed next to "4 founds". There are four search results, each featuring a product image, the product title, its rating (e.g., ★ 4.8), and its price (\$ 75.00). Each result also includes a small yellow heart icon for favoriting.</p> <table border="1"> <thead> <tr> <th>Product</th> <th>Rating</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>Women Basic ...</td> <td>★ 4.8</td> <td>\$ 75.00</td> </tr> <tr> <td>Men Basic T-s...</td> <td>★ 4.6</td> <td>\$ 70.00</td> </tr> <tr> <td>Men Basic Shi...</td> <td>★ 4.4</td> <td>\$ 80.00</td> </tr> <tr> <td>Women Basic ...</td> <td>★ 4.2</td> <td>\$ 70.00</td> </tr> </tbody> </table>	Product	Rating	Price	Women Basic ...	★ 4.8	\$ 75.00	Men Basic T-s...	★ 4.6	\$ 70.00	Men Basic Shi...	★ 4.4	\$ 80.00	Women Basic ...	★ 4.2	\$ 70.00	<ul style="list-style-type: none"> <li>Return to the previous screen by clicking the Back button.</li> <li>Use the search bar with placeholder text (e.g., "shirt") to find items.</li> <li>View the search result summary, such as: "Result for 'shirt'", "4 found"</li> <li>Browse the list of search results, where each result includes:             <ul style="list-style-type: none"> <li>Product image</li> <li>Product title</li> <li>Product price</li> <li>Product rating</li> <li>Click the heart icon to add an item to favorites.</li> </ul> </li> </ul>
Product	Rating	Price														
Women Basic ...	★ 4.8	\$ 75.00														
Men Basic T-s...	★ 4.6	\$ 70.00														
Men Basic Shi...	★ 4.4	\$ 80.00														
Women Basic ...	★ 4.2	\$ 70.00														

Table 29: Search Screen

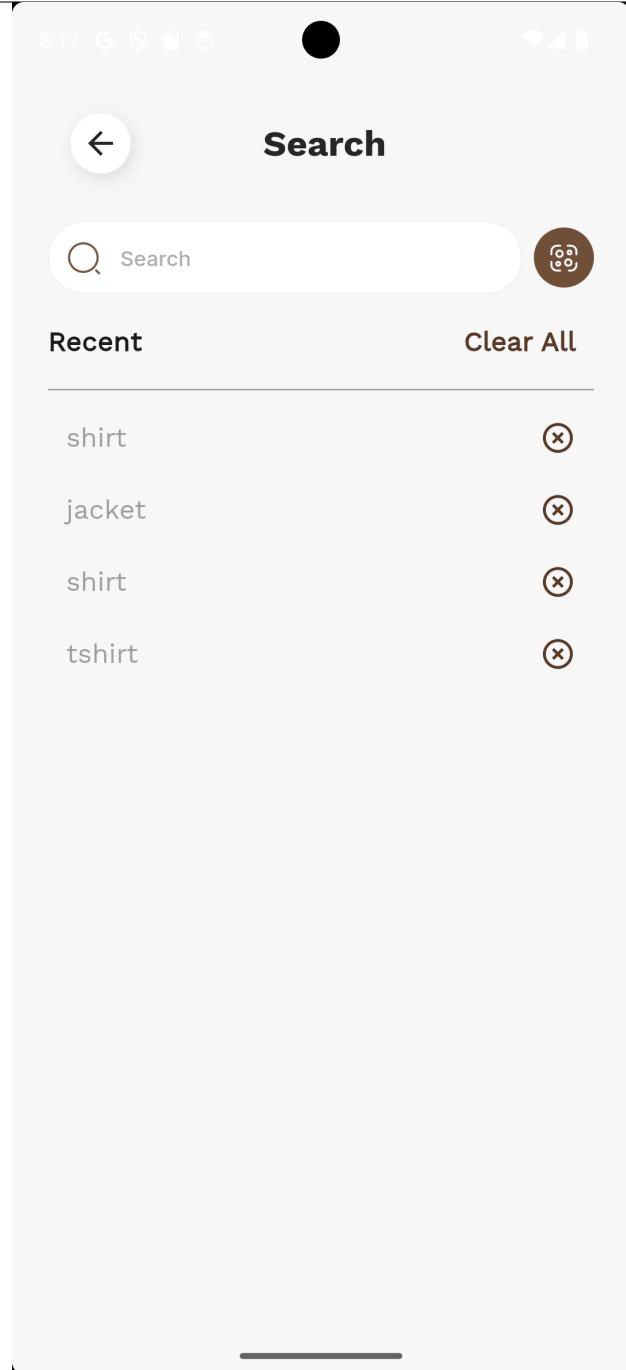
Screenshot	Details
 <p>The screenshot shows a search interface with the following elements:</p> <ul style="list-style-type: none"> <li><b>Back Button:</b> A circular button with a left-pointing arrow.</li> <li><b>Title:</b> The word "Search" in bold black font.</li> <li><b>Search Bar:</b> A white bar with a magnifying glass icon and the placeholder text "Search".</li> <li><b>Recent Searches Section:</b> <ul style="list-style-type: none"> <li><b>Section Header:</b> "Recent" in bold black font.</li> <li><b>Clear All Button:</b> "Clear All" in brown font.</li> <li><b>Search Terms:</b> A list of recent searches: "shirt", "jacket", "shirt", and "tshirt". Each term has a small circular "X" icon to its right for clearing.</li> </ul> </li> </ul>	<p>• Return to the previous screen by clicking the Back button.</p> <p>• Use the search bar with placeholder text (e.g., "jacket") to find items.</p> <p>• View the Recent Searches section.</p> <p>• Clear all recent searches by selecting the "Clear All" option.</p> <p>• Browse the list of recent searches, where each includes:</p> <ul style="list-style-type: none"> <li>• Search term (e.g., "jacket", "shirt", "tshirt")</li> <li>• Clear button (X) to remove the search term from the list.</li> </ul>

Table 30: Search Screen

## 2.23 Search By Image

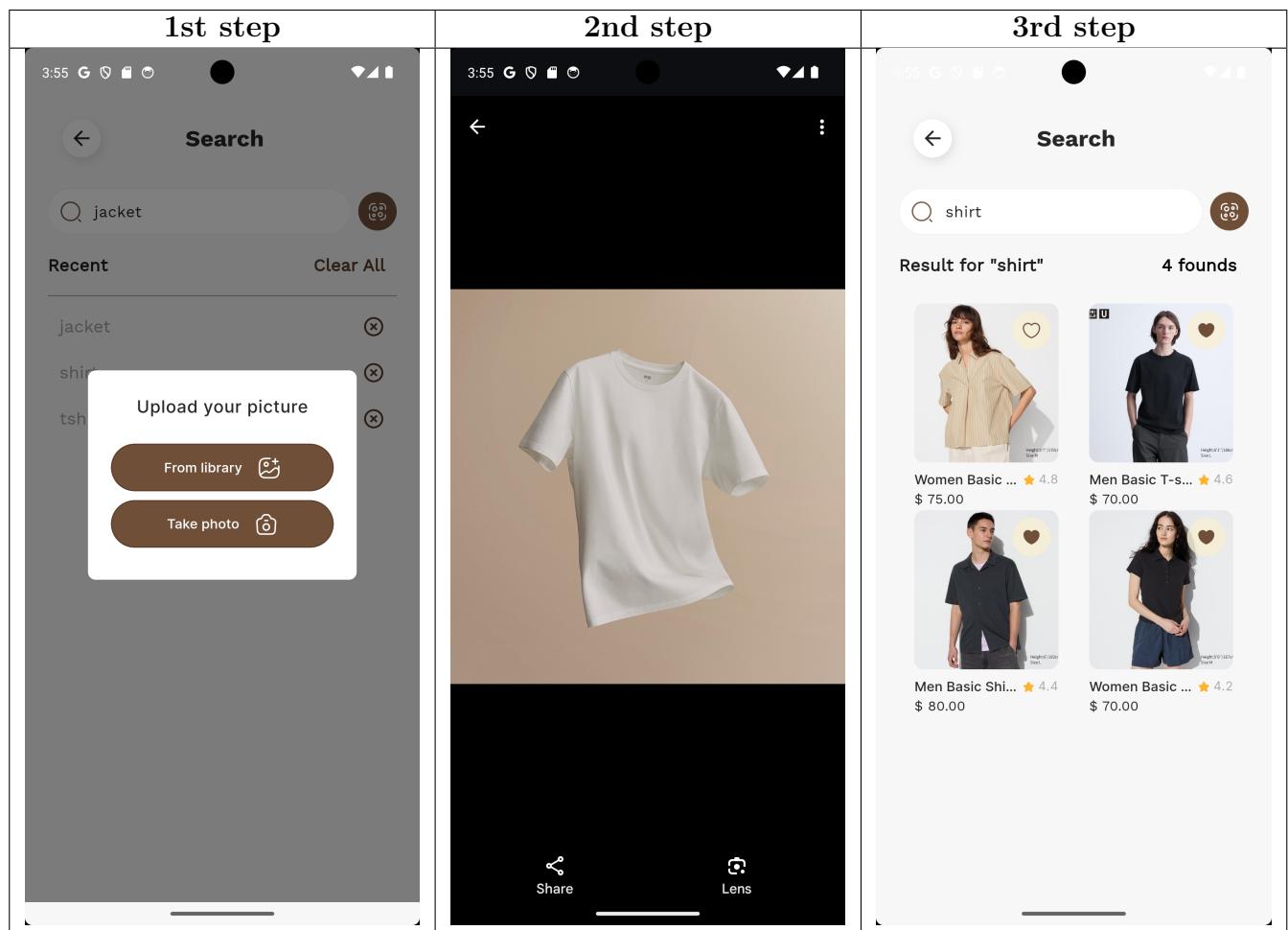


Table 31: Search By Image Process

## 2.24 Wishlist Screen

Screenshot	Details
<p>The screenshot shows the 'My Wishlist' screen with the following details:</p> <ul style="list-style-type: none"> <li><b>Category Filters:</b> All, Jacket, Pants, Shirt.</li> <li><b>Items:</b> <ul style="list-style-type: none"> <li><b>Men Basic Jacket:</b> Rating 4.7, \$90.00</li> <li><b>Men Basic Shorts:</b> Rating 4.5, \$90.00</li> <li><b>Men Basic Shirt 1:</b> Rating 4.4, \$80.00</li> <li><b>Men Basic T-shirt:</b> Rating 4.6, \$70.00</li> <li><b>Women Basic Pant:</b> Rating 4.6, \$80.00</li> <li><b>Women Basic Top:</b> Rating 4.2, \$70.00</li> </ul> </li> <li><b>Bottom Navigation Bar:</b> Home, Bag, Wishlist (selected), Chatbox, Profile.</li> </ul>	<ul style="list-style-type: none"> <li>Use category filters: All, Jacket, Pants, and Shirt.</li> <li>View a list of wishlist items and click on them to see product details.</li> <li>Remove items from the wishlist by clicking the heart icon.</li> <li>Navigate using the bottom navigation bar with icons for Home, Bag, Wishlist (selected), Chatbox, and Profile.</li> </ul>

Table 32: Wishlist Screen

## 2.25 My Cart Screen

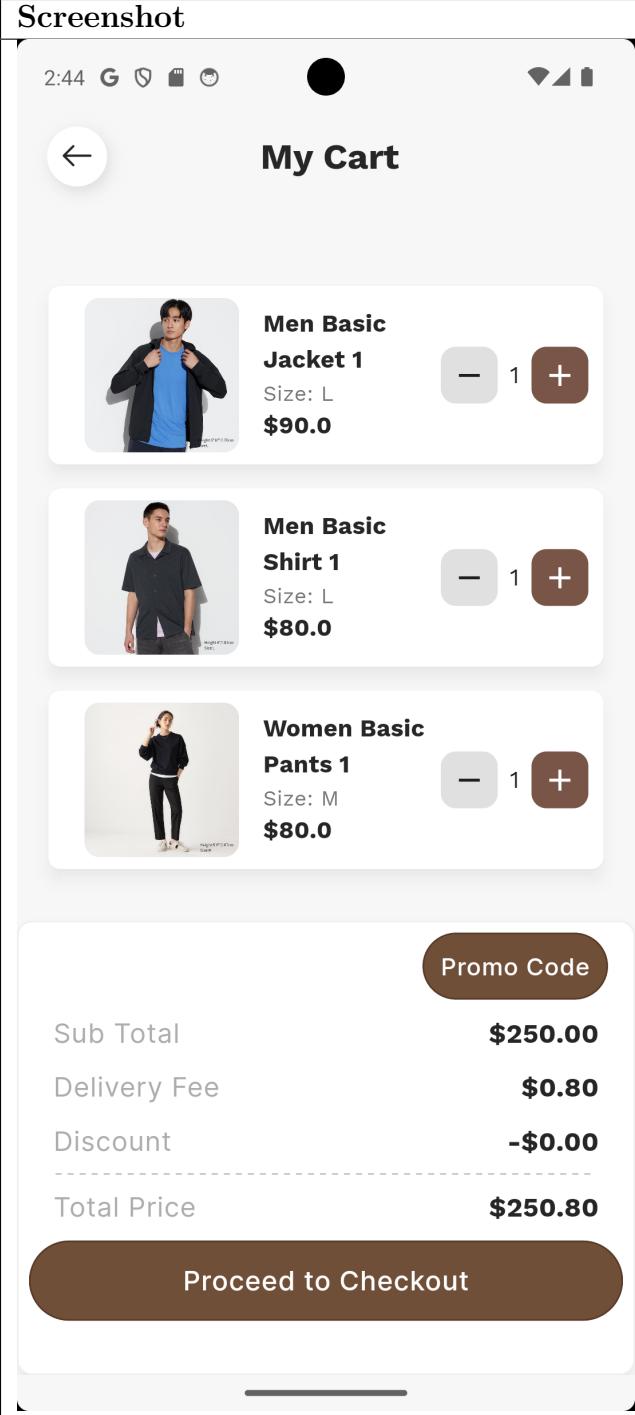
Screenshot	Details
	<ul style="list-style-type: none"> <li>View the list of items in the cart, where each item includes: Size, Price, Quantity (with buttons to increase or decrease quantity)</li> <li>Check the Summary Section, which includes: Promo code field (to apply coupons), Subtotal, Delivery fee, Discount, Total price</li> <li>Click "Proceed to Checkout" to continue the payment process.</li> </ul>

Table 33: My Cart Screen

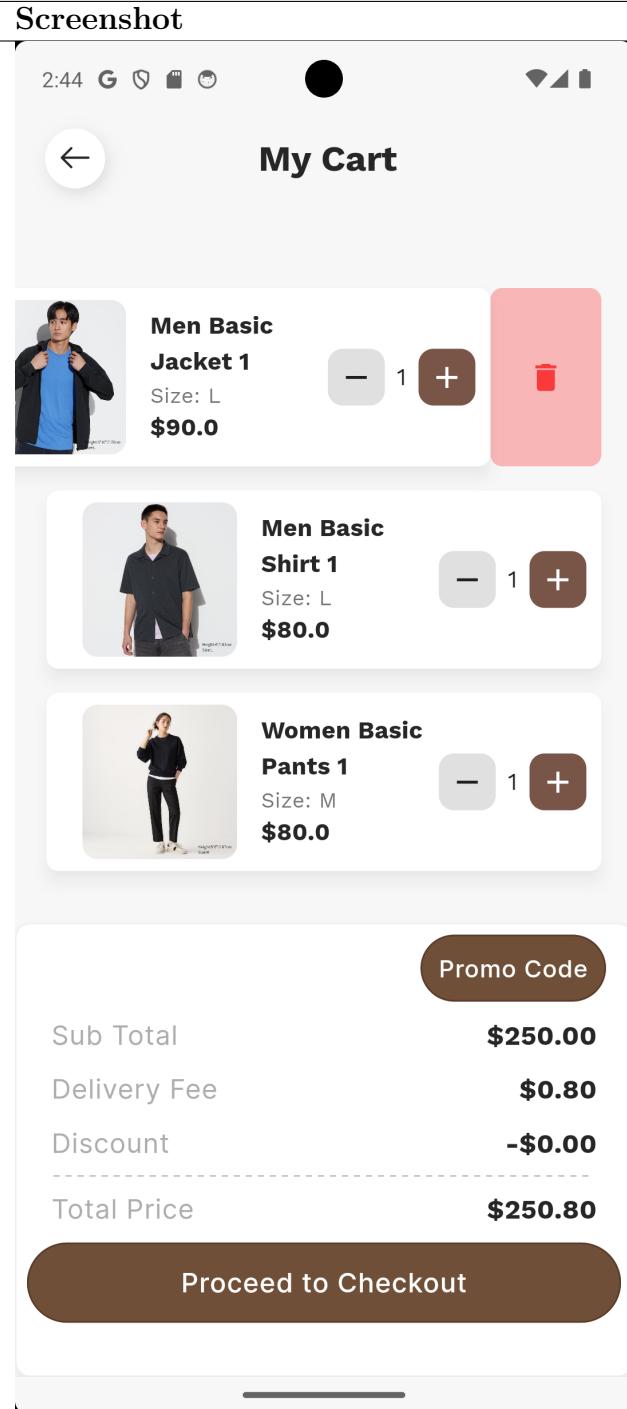
Screenshot	Details
	<p>Each item in the cart also has a delete button (red trash can icon) on the right side of the item so users can remove the item from the cart.</p>

Table 34: My Cart Screen

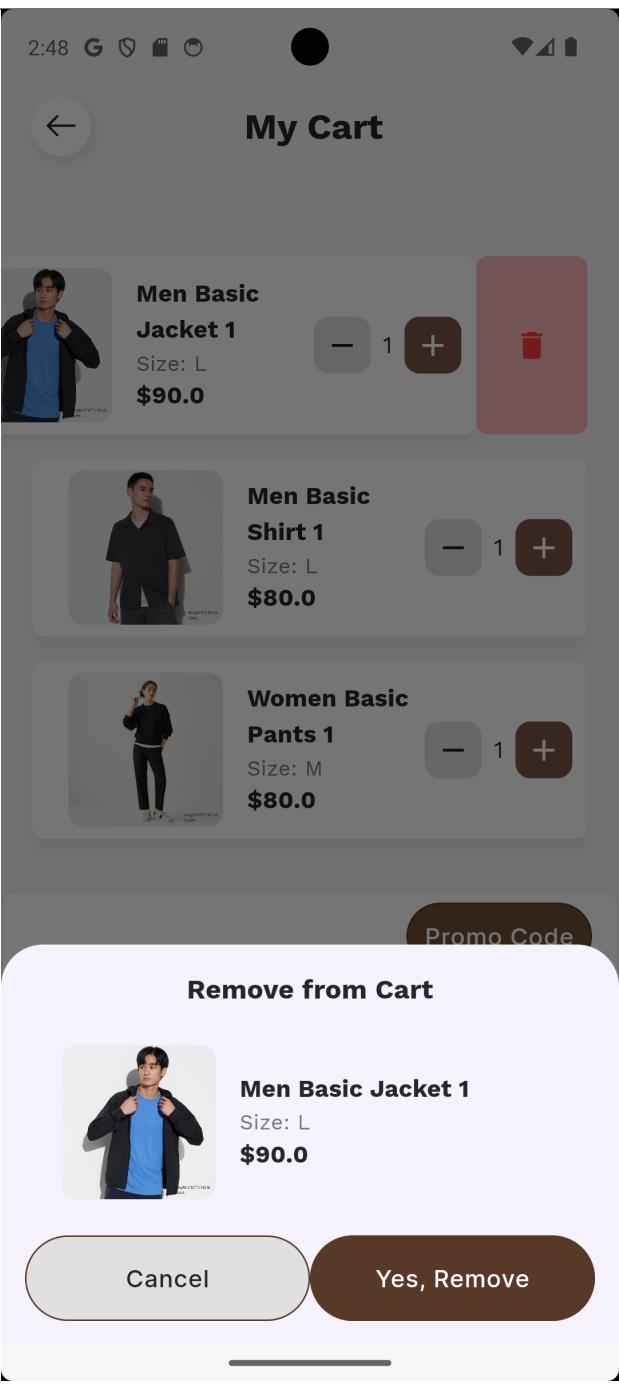
Screenshot	Details
 <p>The screenshot shows the 'My Cart' screen of a mobile application. At the top, there's a navigation bar with a back arrow and the title 'My Cart'. Below it, three items are listed in a grid:</p> <ul style="list-style-type: none"> <li><b>Men Basic Jacket 1</b>: Size L, \$90.0. Quantity: 1.</li> <li><b>Men Basic Shirt 1</b>: Size L, \$80.0. Quantity: 1.</li> <li><b>Women Basic Pants 1</b>: Size M, \$80.0. Quantity: 1.</li> </ul> <p>Each item has a red trash can icon on its right side. A 'Promo Code' button is at the bottom. A modal dialog box is overlaid on the bottom left, titled 'Remove from Cart', showing the selected item: 'Men Basic Jacket 1' (Size L, \$90.0). It has two buttons: 'Cancel' (light gray) and 'Yes, Remove' (dark brown).</p>	<ul style="list-style-type: none"> <li>• Each item in the cart also has a delete button (red trash can icon) on the right side of the item so users can remove the item from the cart.</li> <li>• When clicked, a confirmation dialog appears asking the user to confirm the removal of the item from the cart.</li> <li>• "Cancel" button to dismiss the dialog without removing the item.</li> <li>• "Yes, Remove" button to confirm the removal of the item from the cart.</li> </ul>

Table 35: My Cart Screen

## 2.26 Apply promotion coupon

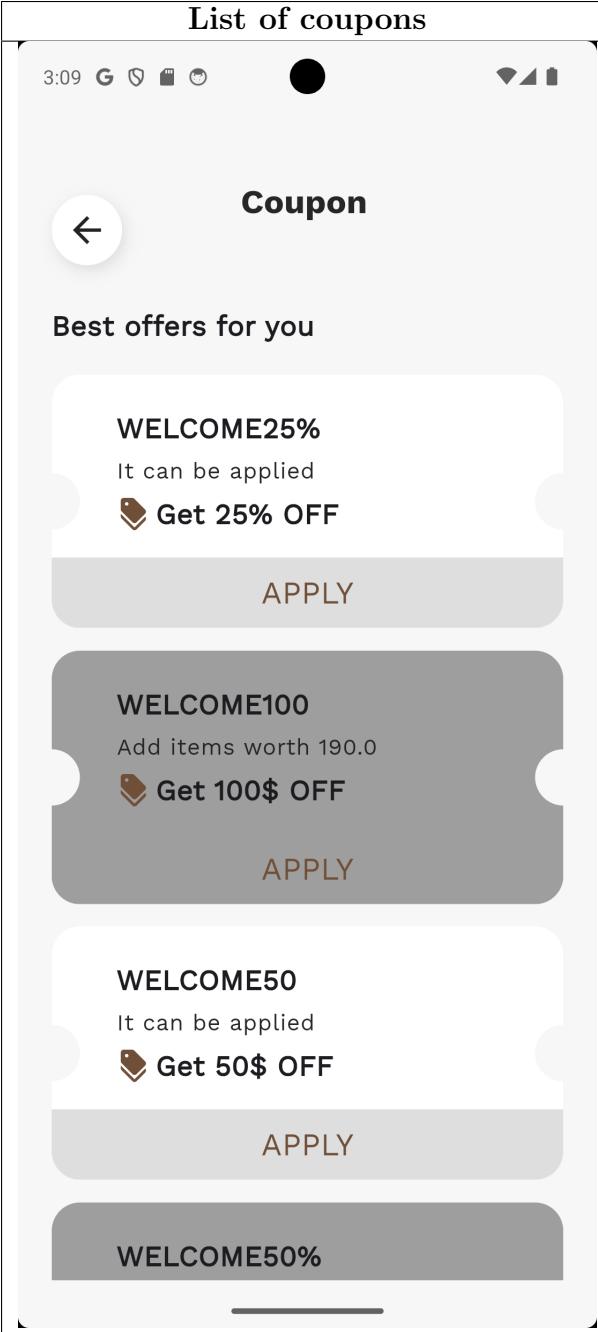
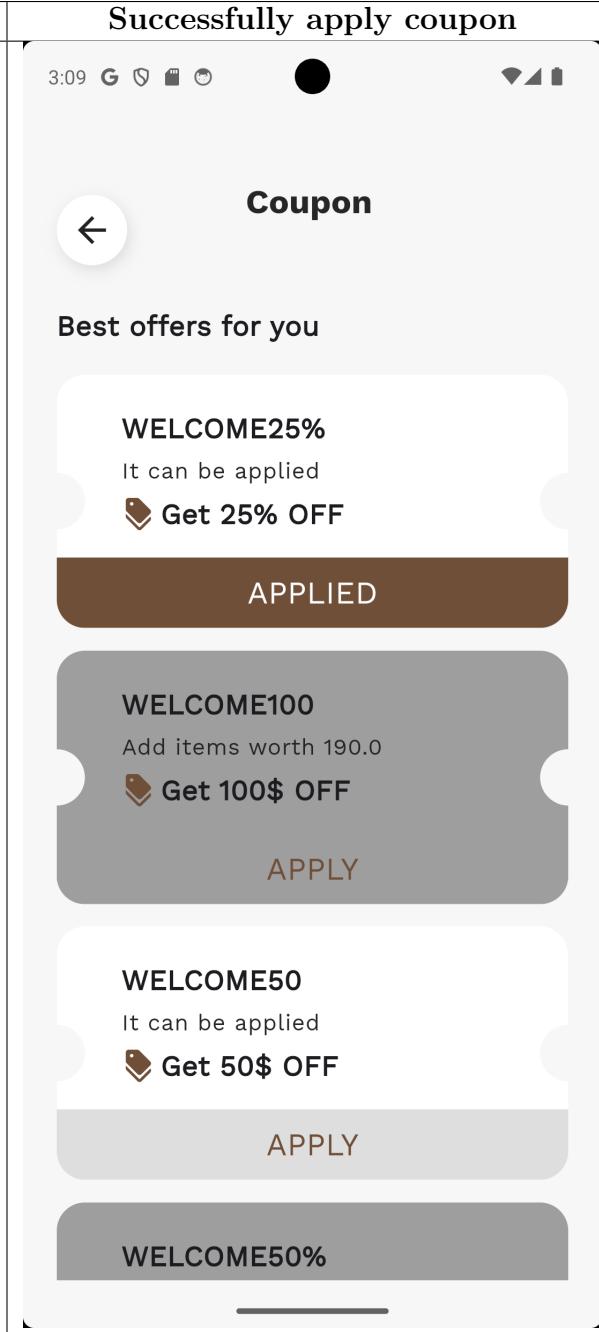
List of coupons	Successfully apply coupon
 <p><b>Coupon</b></p> <p>Best offers for you</p> <p><b>WELCOME25%</b> It can be applied  Get 25% OFF</p> <p><b>APPLY</b></p> <p><b>WELCOME100</b> Add items worth 190.0  Get 100\$ OFF</p> <p><b>APPLY</b></p> <p><b>WELCOME50</b> It can be applied  Get 50\$ OFF</p> <p><b>APPLY</b></p> <p><b>WELCOME50%</b></p>	 <p><b>Coupon</b></p> <p>Best offers for you</p> <p><b>WELCOME25%</b> It can be applied  Get 25% OFF</p> <p><b>APPLIED</b></p> <p><b>WELCOME100</b> Add items worth 190.0  Get 100\$ OFF</p> <p><b>APPLY</b></p> <p><b>WELCOME50</b> It can be applied  Get 50\$ OFF</p> <p><b>APPLY</b></p> <p><b>WELCOME50%</b></p>

Table 36: Coupon

## 2.27 My Order

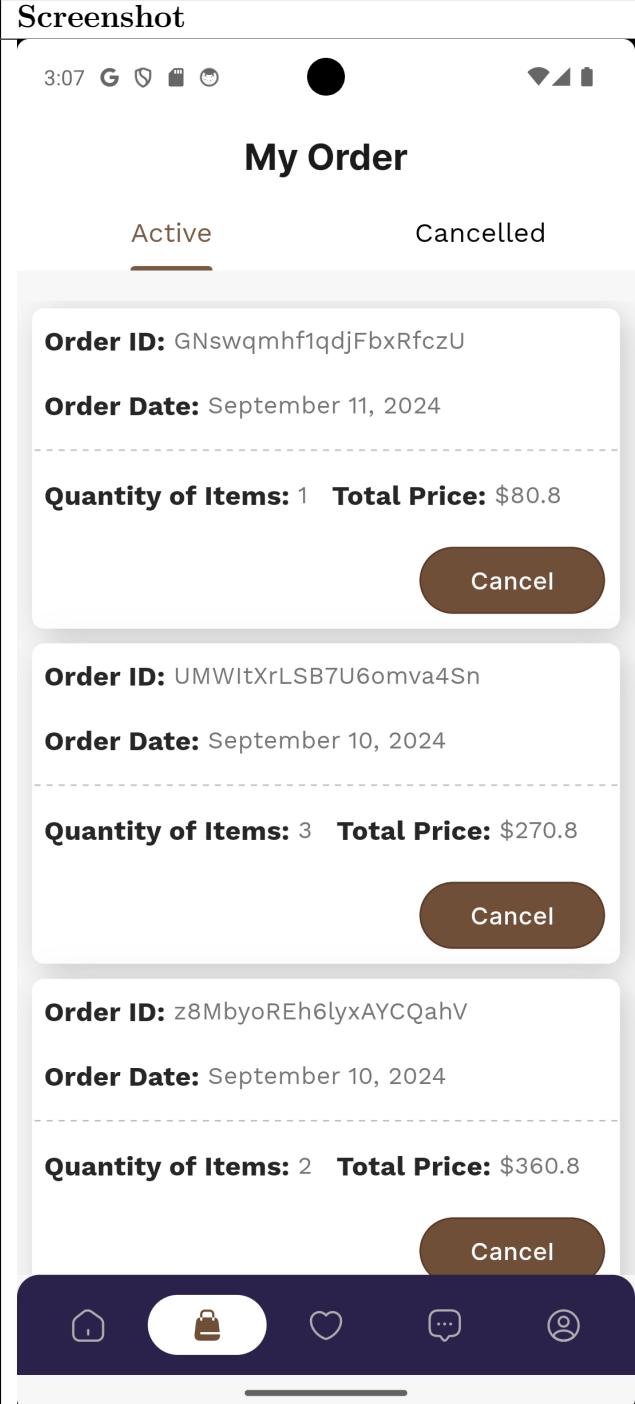
Screenshot	Details
 A screenshot of a mobile application interface titled "My Order". At the top, there are two tabs: "Active" (selected) and "Cancelled". Below the tabs, there are four order cards. Each card displays an order ID, date, quantity, total price, and a "Cancel" button. The first order has an ID of GNswqmhf1qdjFbxRfczU and was placed on September 11, 2024. The second order has an ID of UMWltXrLSB7U6omva4Sn and was placed on September 10, 2024. The third order has an ID of z8MbyoREh6lyxAyCQahV and was placed on September 10, 2024. The fourth order has an ID of 2 and a total price of \$360.8. The bottom navigation bar includes icons for home, bag, heart, message, and profile.	<ul style="list-style-type: none"><li>• Switch between tabs to view: Active orders (Displays active orders), Cancelled orders (Displays cancelled orders)</li><li>• Click the Cancel button to cancel an order, which will then move to the Cancelled Order Tab.</li></ul>

Table 37: My Order Screen

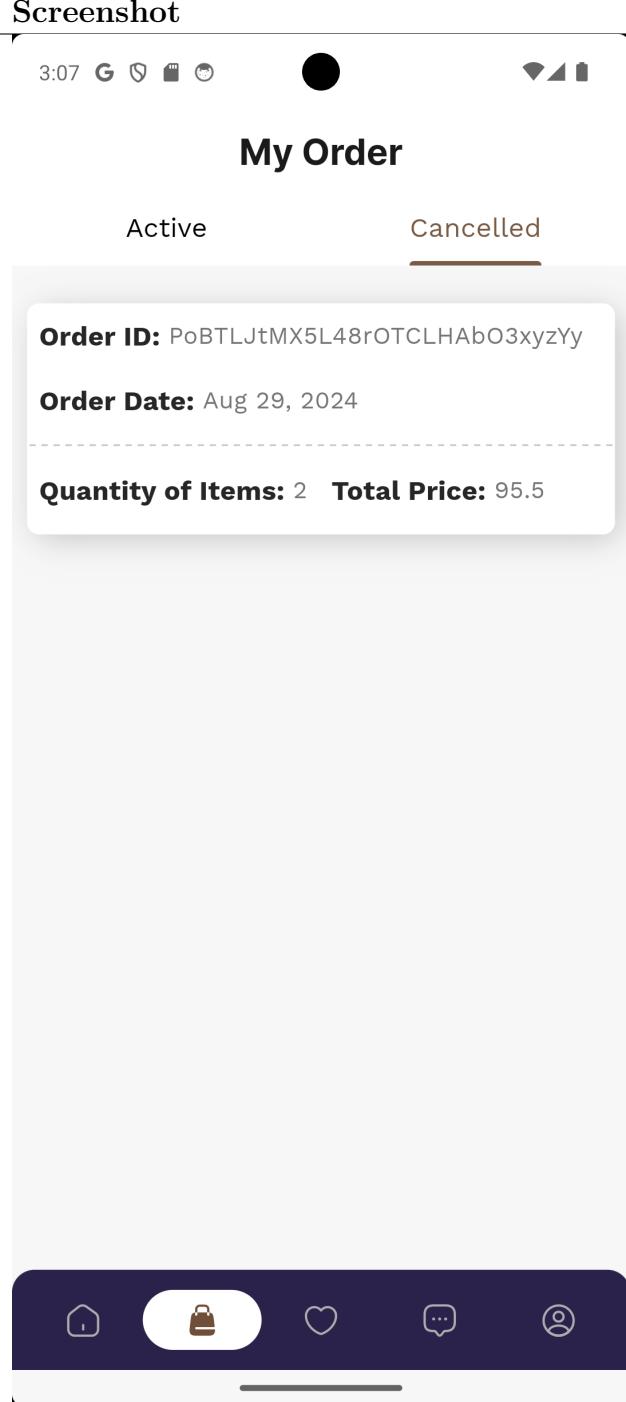
Screenshot	Details
 <p>The screenshot shows the 'My Order' screen with the 'Cancelled' tab selected. The top navigation bar includes icons for search, filter, and account. Below the tabs, there is a summary box containing the following information:</p> <ul style="list-style-type: none"><li><b>Order ID:</b> PoBTLJtMX5L48rOTCLHAbO3xyzYy</li><li><b>Order Date:</b> Aug 29, 2024</li><li><b>Quantity of Items:</b> 2   <b>Total Price:</b> 95.5</li></ul> <p>The bottom navigation bar features icons for home, cart (highlighted in white), heart, message, and profile.</p>	Cancelled Order Tab

Table 38: My Order Screen

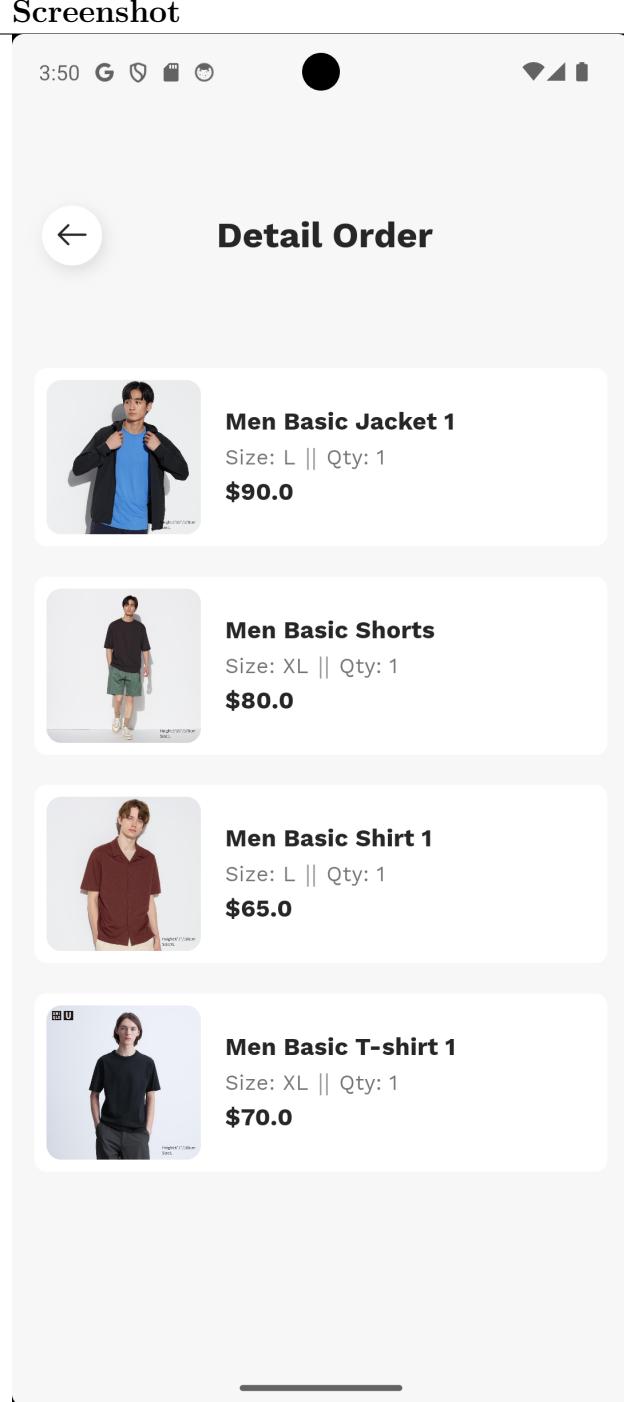
Screenshot	Details
 <p>The screenshot displays the 'Detail Order' screen of a mobile application. At the top, there is a back arrow icon and the title 'Detail Order'. Below this, four items are listed in a grid format:</p> <ul style="list-style-type: none"> <li><b>Men Basic Jacket 1</b>: Size: L    Qty: 1 \$90.0</li> <li><b>Men Basic Shorts</b>: Size: XL    Qty: 1 \$80.0</li> <li><b>Men Basic Shirt 1</b>: Size: L    Qty: 1 \$65.0</li> <li><b>Men Basic T-shirt 1</b>: Size: XL    Qty: 1 \$70.0</li> </ul>	<p>Detailed information of an order will be displayed here.</p>

Table 39: Detail Order Screen

## 2.28 Payment Process

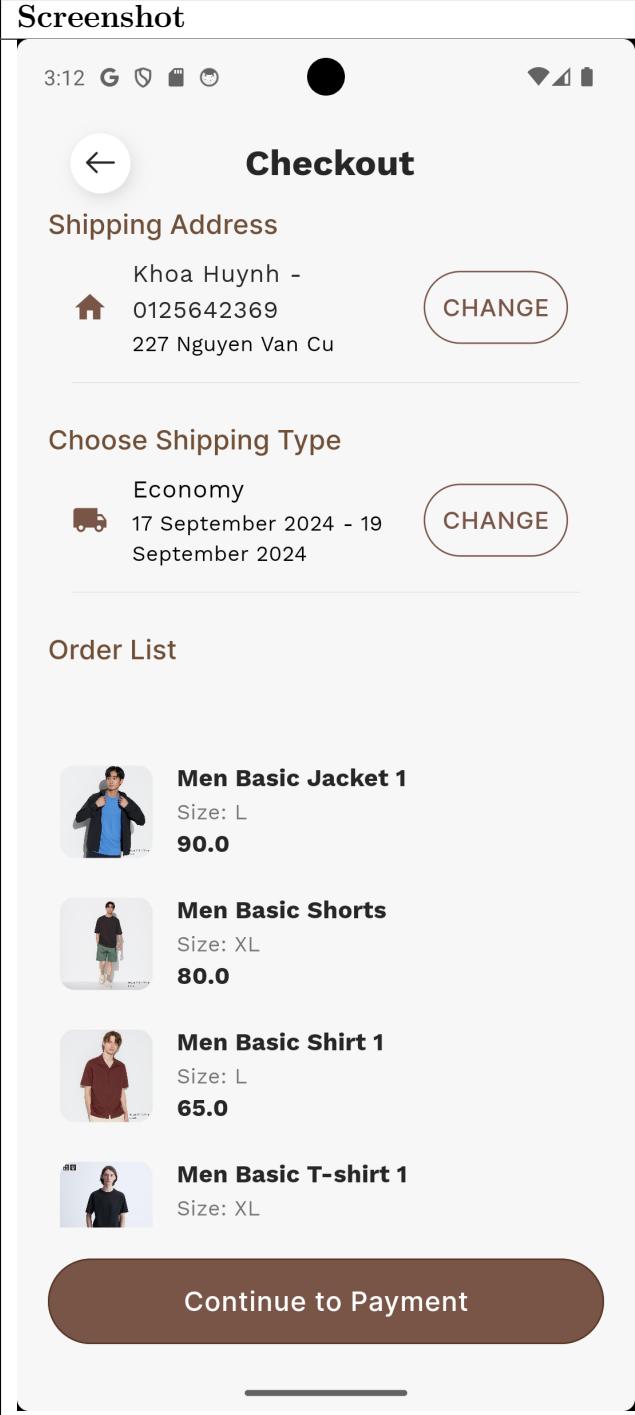
Screenshot	Details
 <p>The screenshot shows the 'Checkout' screen. At the top, there is a back arrow icon and the word 'Checkout'. Below this, the 'Shipping Address' section displays a house icon, the name 'Khoa Huynh -', the phone number '0125642369', and the address '227 Nguyen Van Cu'. To the right of the address is a 'CHANGE' button. In the middle, the 'Choose Shipping Type' section shows 'Economy' selected, with a truck icon, the delivery date range '17 September 2024 - 19 September 2024', and another 'CHANGE' button. At the bottom, the 'Order List' section lists four items: 'Men Basic Jacket 1' (size L, 90.0), 'Men Basic Shorts' (size XL, 80.0), 'Men Basic Shirt 1' (size L, 65.0), and 'Men Basic T-shirt 1' (size XL). Each item has a small thumbnail image. A large brown 'Continue to Payment' button is at the bottom.</p>	<ul style="list-style-type: none"> <li>View the shipping address in the Shipping Address section.</li> <li>Modify the shipping address by clicking the "CHANGE" button in the Shipping Address section.</li> <li>View the selected shipping type and estimated delivery dates in the Choose Shipping Type section.</li> <li>Select a different shipping type by clicking the "CHANGE" button in the Choose Shipping Type section.</li> <li>View the items in the cart, including images, names, sizes, and prices, in the Order List section.</li> <li>Proceed to the payment screen by clicking the "Continue to Payment" button.</li> <li>Return to the previous screen by clicking the Back button.</li> </ul>

Table 40: Checkout Screen

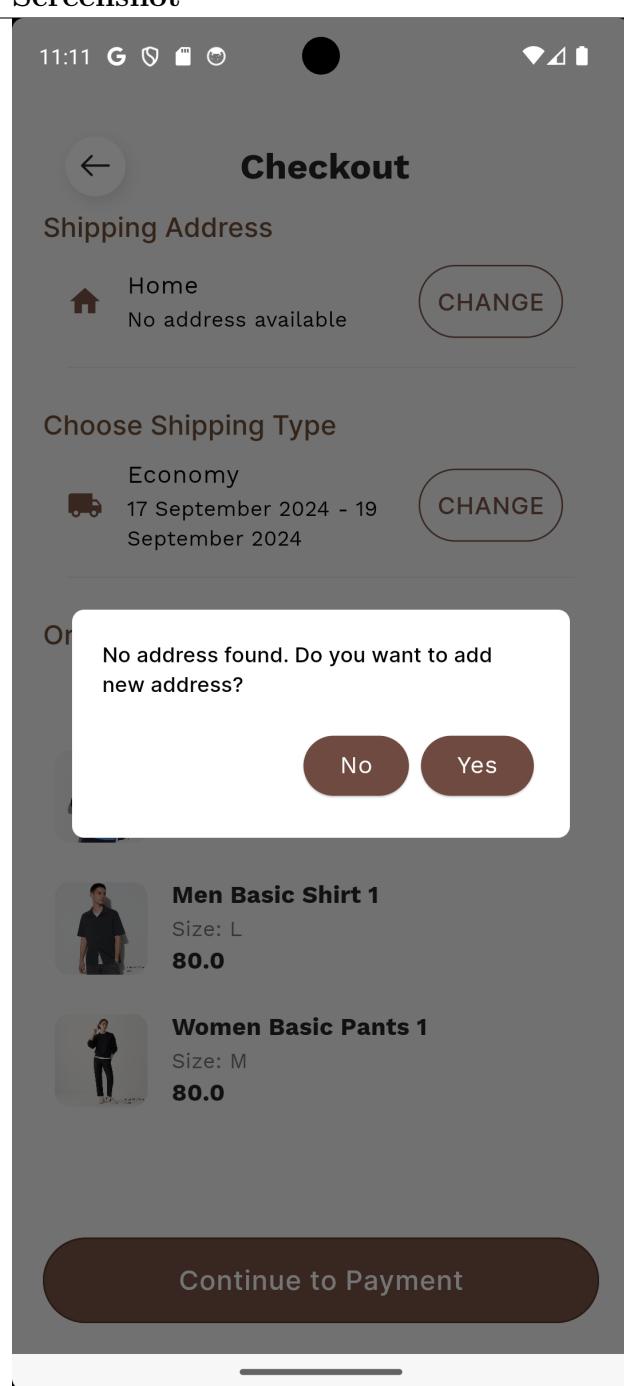
Screenshot	Details
 <p>The screenshot shows the 'Checkout' screen. At the top, there's a back arrow and the word 'Checkout'. Below that is a section for 'Shipping Address' with a house icon labeled 'Home' and 'No address available'. A 'CHANGE' button is next to it. The next section is 'Choose Shipping Type' with an icon of a truck labeled 'Economy' and '17 September 2024 - 19 September 2024'. Another 'CHANGE' button is present. A modal box is overlaid on the screen, containing the text 'No address found. Do you want to add new address?' with 'No' and 'Yes' buttons. At the bottom, there are product items: 'Men Basic Shirt 1' (size L, 80.0), 'Women Basic Pants 1' (size M, 80.0), and a large 'Continue to Payment' button.</p>	<ul style="list-style-type: none"> <li>Users are required to add a new address if they don't have it.</li> <li>No: Back to previous screen.</li> <li>Yes: Continue to add a new address.</li> </ul>

Table 41: Checkout Screen

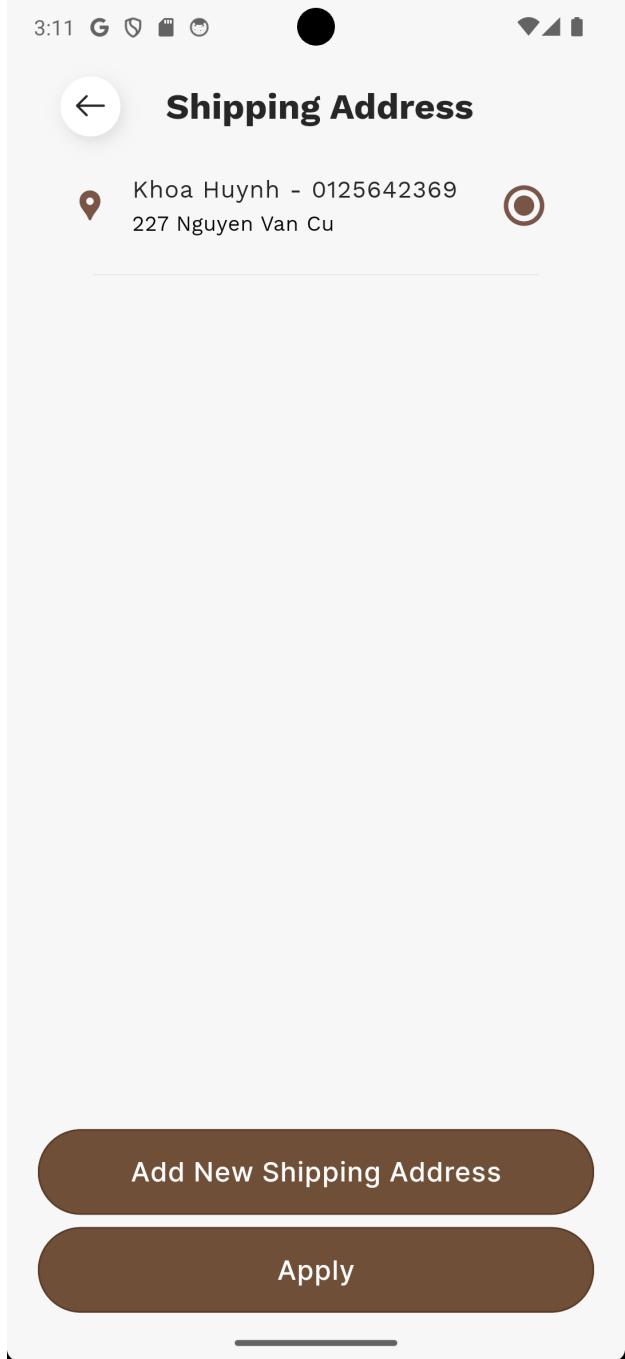
Screenshot	Details
 <p>The screenshot shows a mobile application interface for managing shipping addresses. At the top, there is a navigation bar with a back arrow icon and the title "Shipping Address". Below the title, a list of addresses is displayed, with the first address selected. The address listed is "Khoa Huynh - 0125642369" located at "227 Nguyen Van Cu". There is also a radio button next to the address. At the bottom of the screen, there are two large, rounded rectangular buttons: "Add New Shipping Address" and "Apply". The entire interface is set against a white background.</p>	<ul style="list-style-type: none"> <li>• View the user's current shipping address.</li> <li>• Select the displayed address using a radio button.</li> <li>• Add a new address by clicking the "Add New Shipping Address" button.</li> <li>• Confirm the selected address by clicking the "Apply" button.</li> <li>• Return to the previous screen by clicking the Back button.</li> </ul>

Table 42: Shipping Address Screen

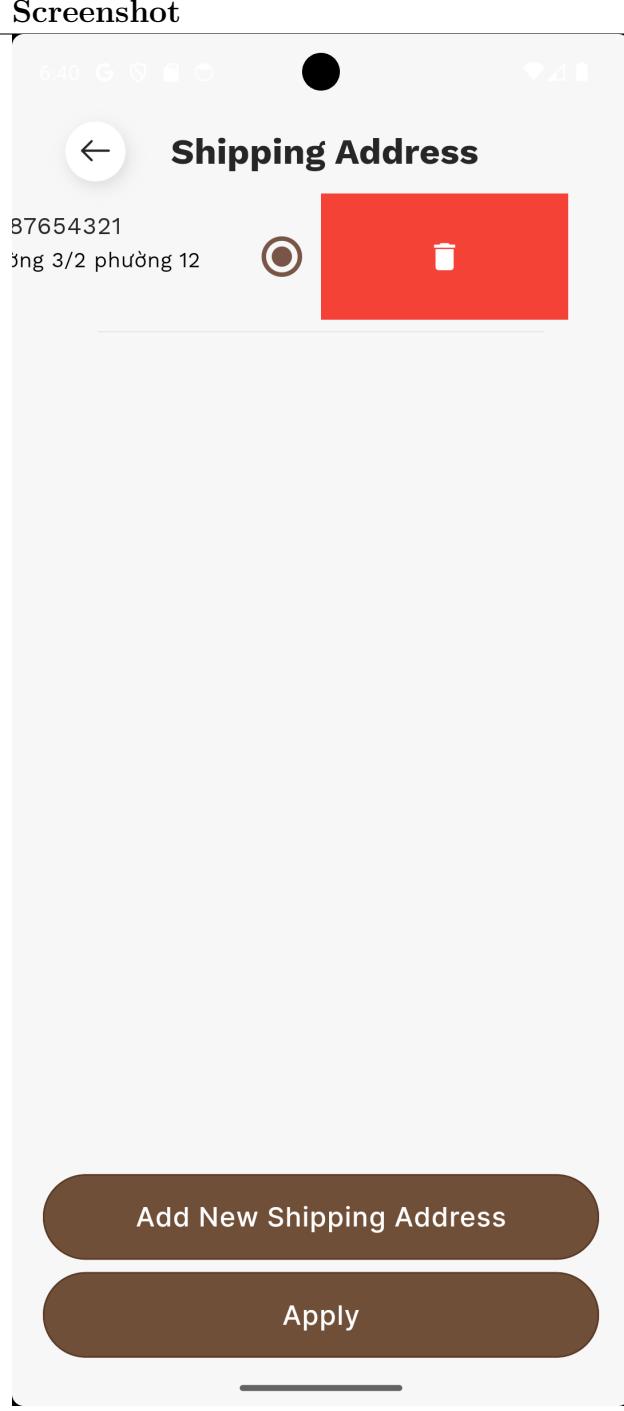
Screenshot	Details
 A screenshot of a mobile application's "Shipping Address" screen. At the top, there is a navigation bar with a back arrow and the title "Shipping Address". Below the title, the address "87654321 3ng 3/2 phường 12" is displayed. To the right of the address is a red rectangular button containing a white trash can icon. At the bottom of the screen are two brown rounded rectangular buttons labeled "Add New Shipping Address" and "Apply". <p>87654321 3ng 3/2 phường 12</p> <p>Add New Shipping Address</p> <p>Apply</p>	<ul style="list-style-type: none"><li>• Delete address</li></ul>

Table 43: Shipping Address Screen

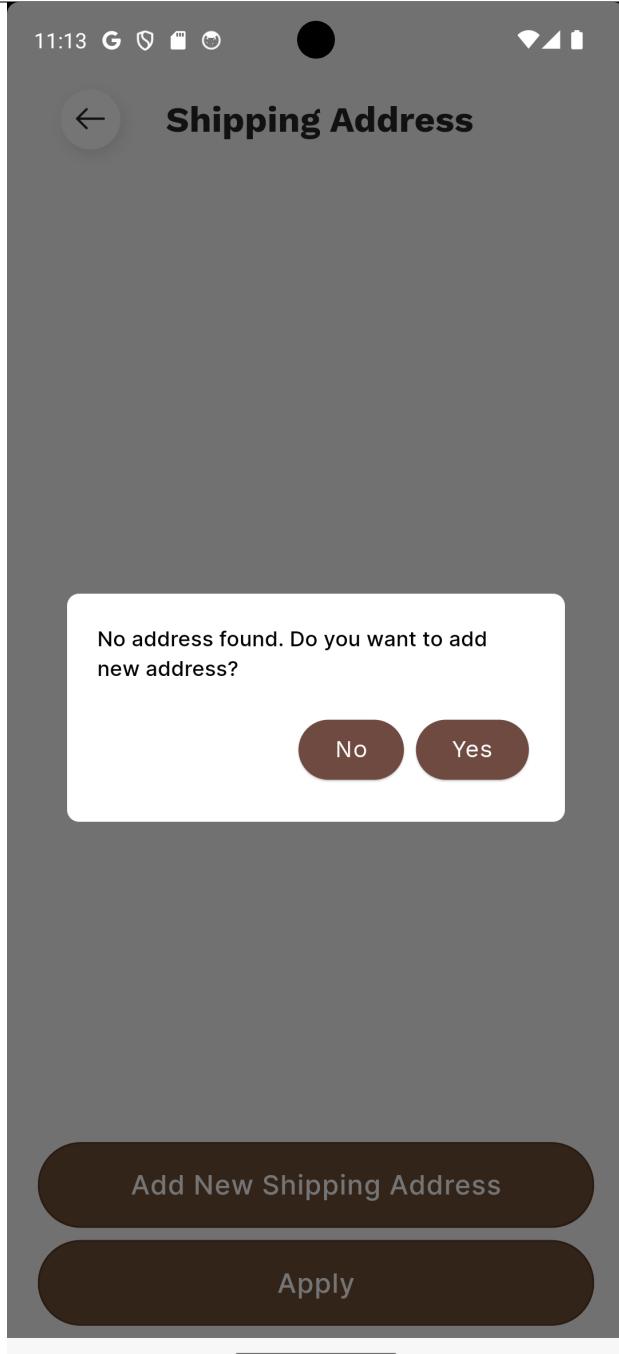
Screenshot	Details
 A screenshot of a mobile application's "Shipping Address" screen. At the top, there is a navigation bar with a back arrow and the title "Shipping Address". Below the title, a large white rectangular box contains the text "No address found. Do you want to add new address?". Inside this box are two rounded rectangular buttons: "No" on the left and "Yes" on the right. At the bottom of the screen, there are two dark brown, rounded rectangular buttons: "Add New Shipping Address" on the left and "Apply" on the right. The status bar at the very top shows the time as 11:13 and several signal strength icons.	<ul style="list-style-type: none"><li>• Users are required to add a new address if they don't have it. If users delete all addresses, they will be required to add a new address in order to continue their payment process.</li><li>• No: Back to previous screen.</li><li>• Yes: Continue to add a new address.</li></ul>

Table 44: Shipping Address Screen

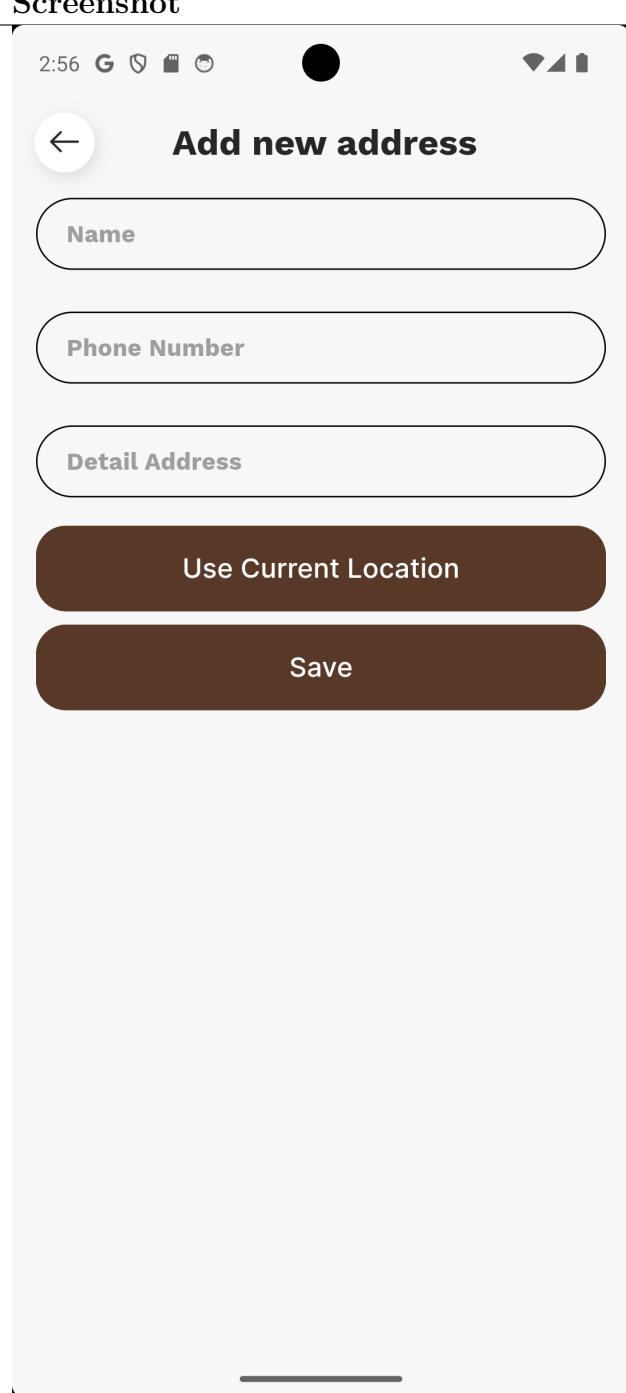
Screenshot	Details
 <p>The screenshot displays the 'Add new address' screen. At the top, there is a back arrow icon and the title 'Add new address'. Below the title are three input fields: 'Name', 'Phone Number', and 'Detail Address'. Underneath these fields are two large, dark brown buttons labeled 'Use Current Location' and 'Save' respectively.</p>	<ul style="list-style-type: none"> <li>Return to the previous screen by clicking the Back button.</li> <li>Fill in the input fields: Name, Phone Number, Detail Address</li> <li>Use the buttons:       <ul style="list-style-type: none"> <li>”Use Current Location” to auto-fill the address</li> <li>”Save” to store the entered information</li> </ul> </li> </ul>

Table 45: Add New Address Screen

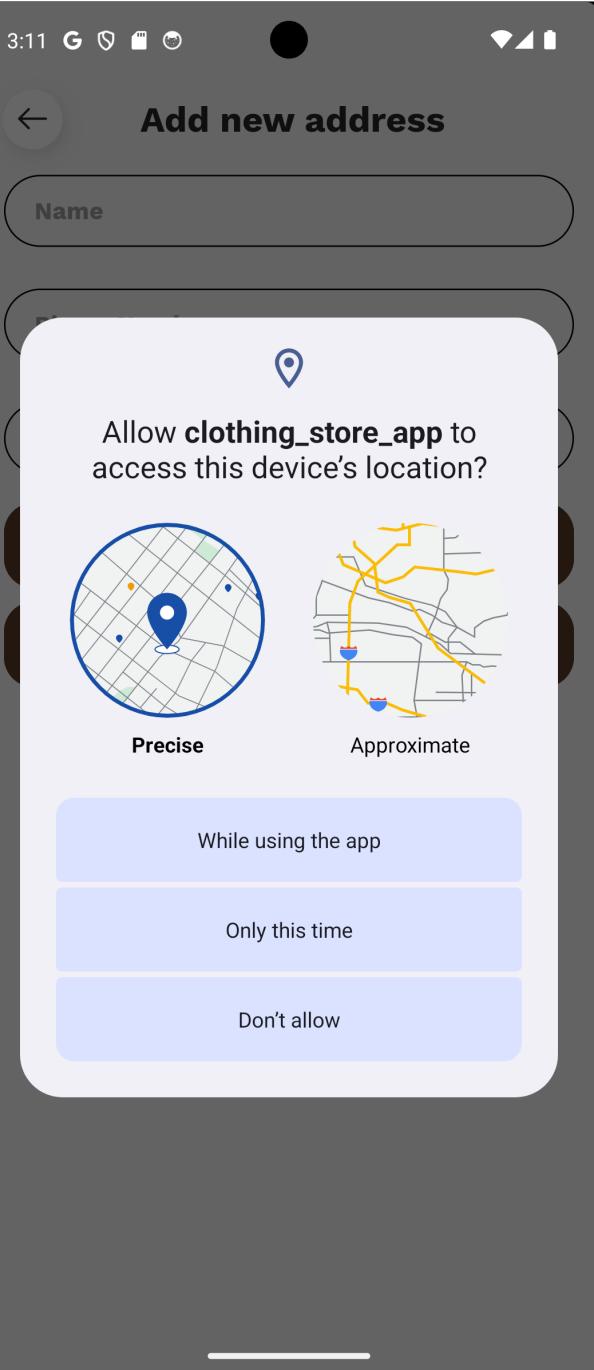
Screenshot	Details
 A screenshot of an Android mobile application. At the top, there is a navigation bar with a back arrow, the text "Add new address", and a battery icon. Below this is a form field labeled "Name". A large, semi-transparent location permission dialog is overlaid on the screen. The dialog contains the text "Allow <b>clothing_store_app</b> to access this device's location?". It features two icons: one showing a precise location pin on a grid and another showing an approximate location path on a map. Below the icons are two labels: "Precise" and "Approximate". At the bottom of the dialog are three blue rectangular buttons with white text: "While using the app", "Only this time", and "Don't allow".	User will encounter a Location Permission Popup.

Table 46: Add New Address Screen

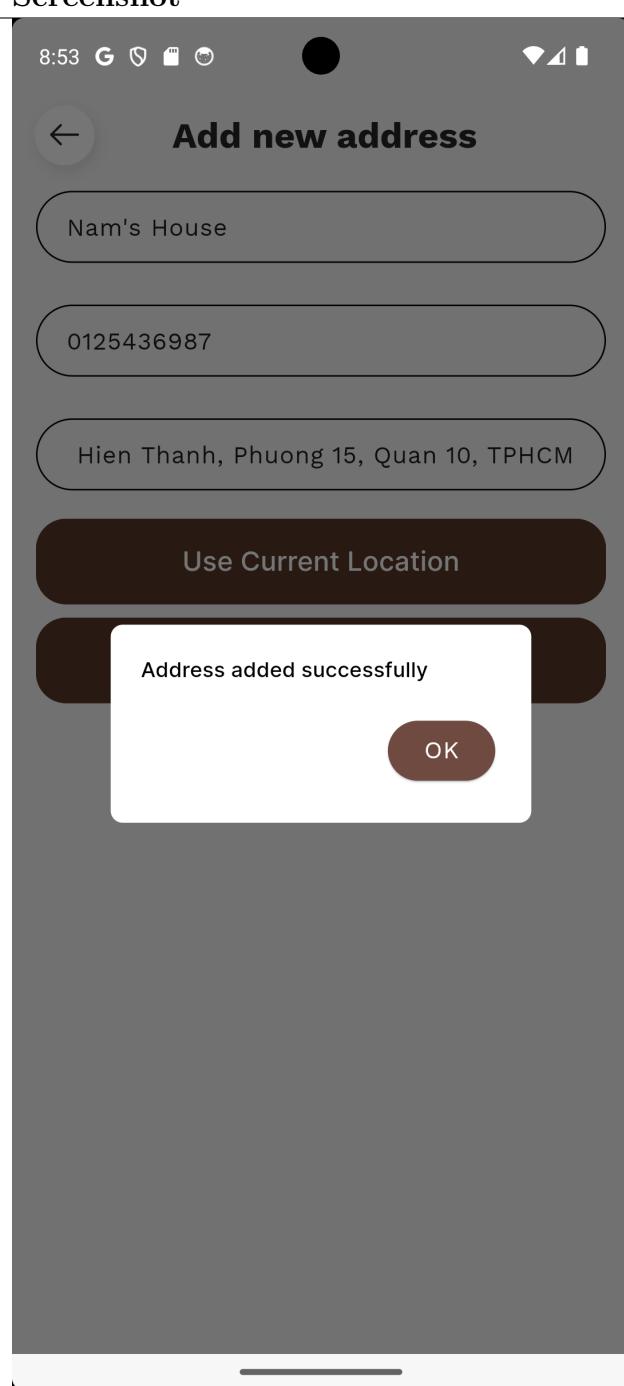
Screenshot	Details
 A screenshot of a mobile application's "Add new address" screen. The screen shows three input fields: "Nam's House" (Name), "0125436987" (Phone), and "Hien Thanh, Phuong 15, Quan 10, TPHCM" (Address). Below these fields is a button labeled "Use Current Location". A white toast notification in the center of the screen says "Address added successfully" with an "OK" button. The top of the screen shows a navigation bar with a back arrow and the title "Add new address". The status bar indicates the time is 8:53 and there are signal and battery icons.	Address added successfully!

Table 47: Add New Address Screen

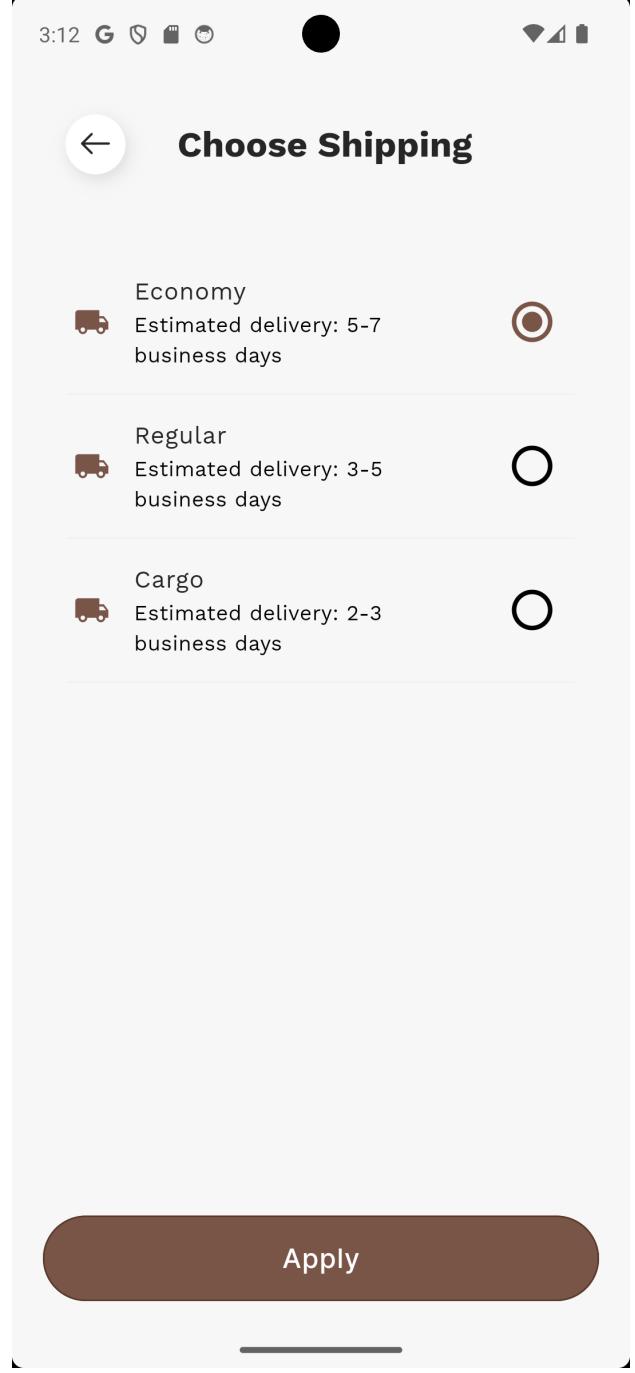
Screenshot	Details
 <p>The screenshot displays a mobile application interface titled "Choose Shipping". At the top, there is a back arrow icon and the title "Choose Shipping". Below the title, there are three shipping method options, each with an icon of a truck and a radio button:</p> <ul style="list-style-type: none"> <li><b>Economy</b>: Estimated delivery: 5-7 business days. The radio button next to it is filled.</li> <li><b>Regular</b>: Estimated delivery: 3-5 business days. The radio button next to it is empty.</li> <li><b>Cargo</b>: Estimated delivery: 2-3 business days. The radio button next to it is empty.</li> </ul> <p>At the bottom of the screen is a large, rounded rectangular button labeled "Apply" in white text.</p>	<ul style="list-style-type: none"> <li>View available shipping options (3 types): Economy, Regular, and Cargo.</li> <li>Select a shipping option using radio buttons.</li> <li>Confirm the selected shipping method by clicking the "Apply" button.</li> <li>Return to the previous screen by clicking the Back button.</li> </ul>

Table 48: Choose Shipping Screen

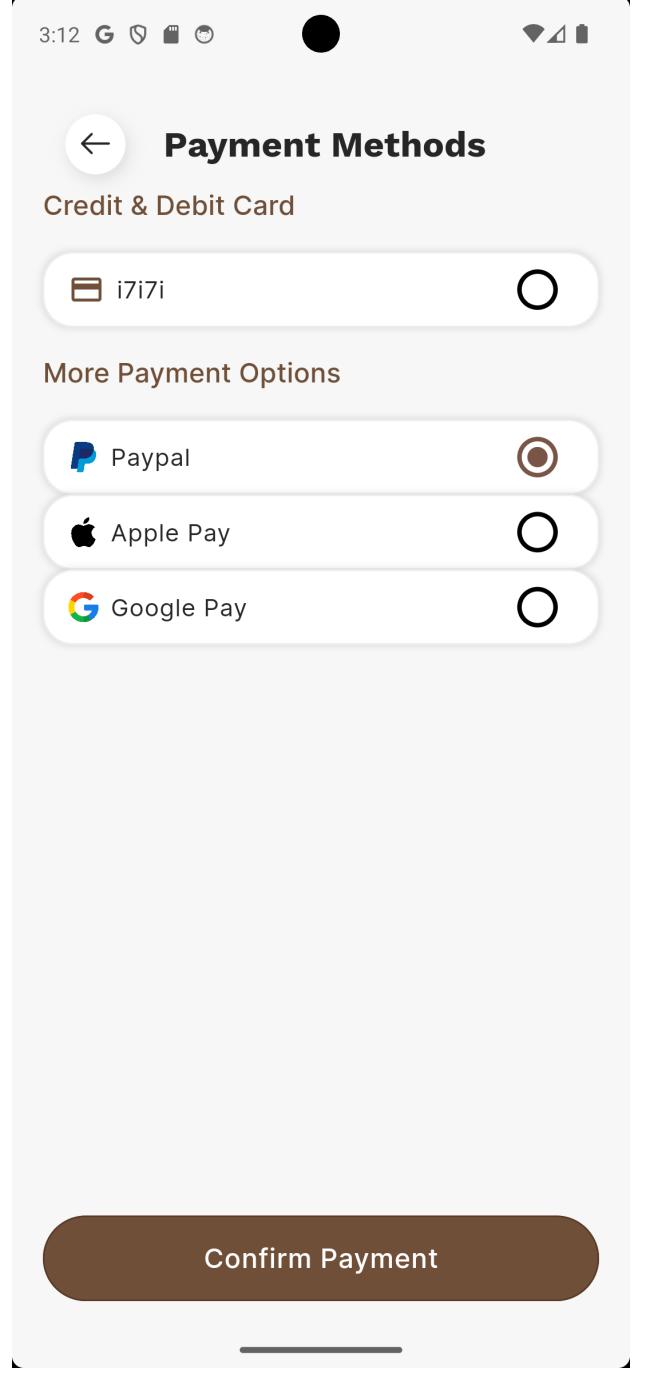
Screenshot	Details
 <p>The screenshot displays the 'Payment Methods' screen of a mobile application. At the top, there's a navigation bar with a back arrow and the title 'Payment Methods'. Below it, a section titled 'Credit &amp; Debit Card' is selected, indicated by a radio button being filled. Other options shown are 'Paypal', 'Apple Pay', and 'Google Pay', each with an empty radio button. At the bottom of the screen is a large, prominent brown button labeled 'Confirm Payment'.</p>	<ul style="list-style-type: none"> <li>• View available payment methods:</li> <li>• <b>Credit &amp; Debit Card</b> - Add a new card if not added yet.</li> <li>• <b>PayPal</b></li> <li>• <b>Apple Pay</b></li> <li>• <b>Google Pay</b></li> <li>• Select a payment method using radio buttons.</li> <li>• Finalize the payment selection by clicking the "Confirm Payment" button.</li> <li>• Return to the previous screen by clicking the Back button.</li> </ul>

Table 49: Payment Methods Screen

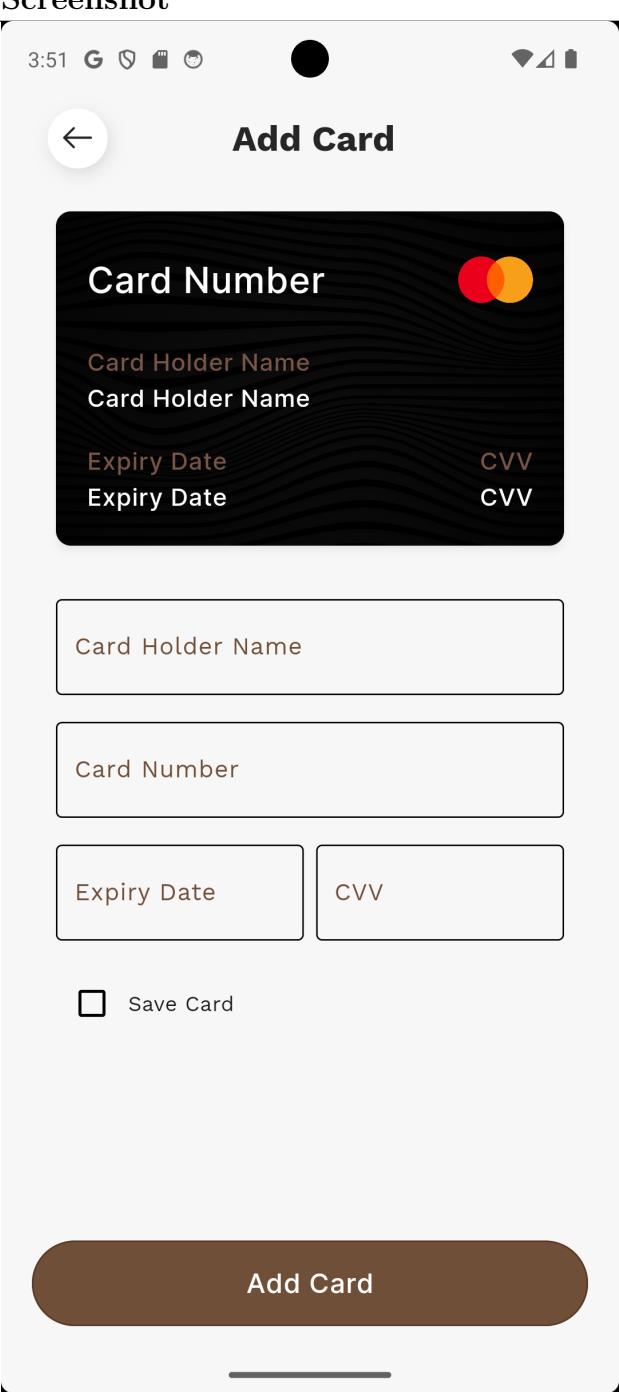
Screenshot	Details
 <p>The screenshot displays the 'Add Card' interface. At the top, there's a placeholder card with fields for 'Card Number', 'Card Holder Name', 'Expiry Date', and 'CVV'. Below this, there are four input fields: 'Card Holder Name', 'Card Number', 'Expiry Date', and 'CVV'. A checkbox labeled 'Save Card' is located below the expiry date field. At the bottom is a large, rounded brown button labeled 'Add Card'.</p>	<p>Users can add their cards' information.</p>

Table 50: Add Card Screen

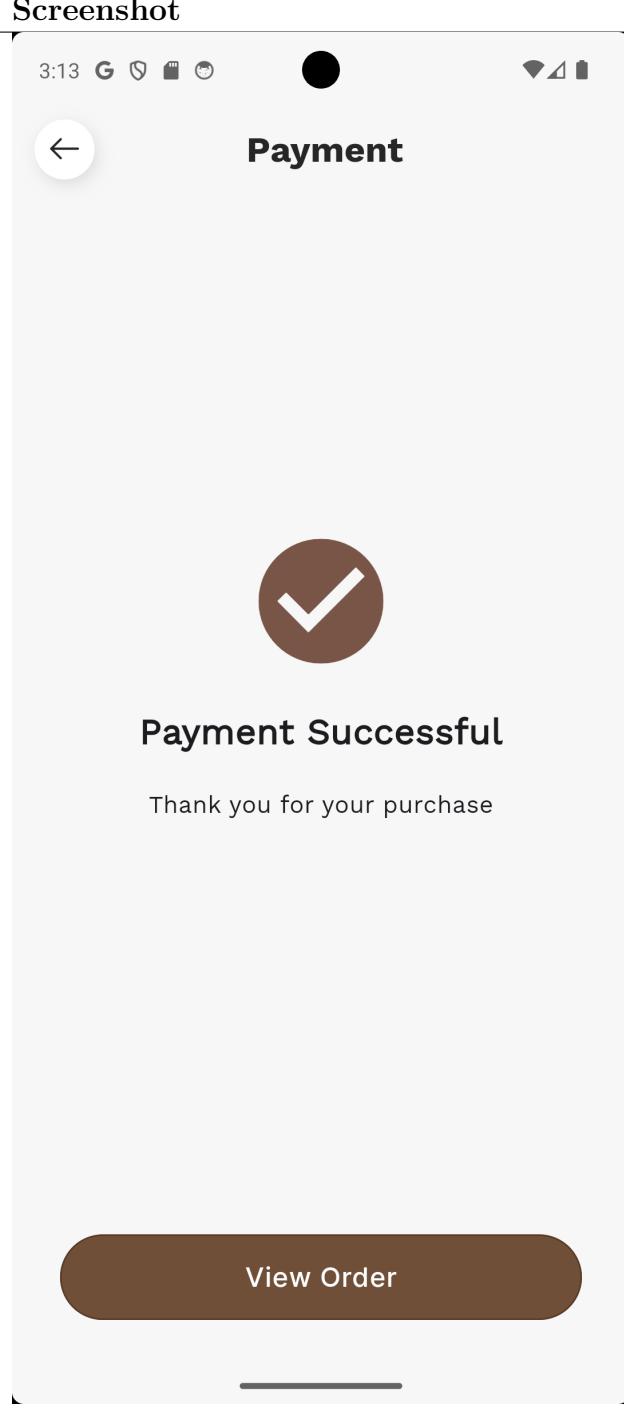
Screenshot	Details
 A screenshot of a mobile application's payment success screen. At the top, there is a navigation bar with a back arrow on the left and the word "Payment" in bold in the center. The main content area features a large circular icon with a white checkmark inside. Below this icon, the text "Payment Successful" is displayed in bold. A smaller message "Thank you for your purchase" is centered below the main text. At the bottom of the screen is a large, rounded rectangular button with the text "View Order" in white. The status bar at the very top shows the time as 3:13 and several notification icons.	<ul style="list-style-type: none"><li>• See a checkmark icon indicating success.</li><li>• Proceed to the order details by clicking the "View Order" button.</li><li>• Return to the <b>Home</b> screen by clicking the Back button.</li></ul>

Table 51: Payment Successful Screen

## 2.29 Friend Request Screen

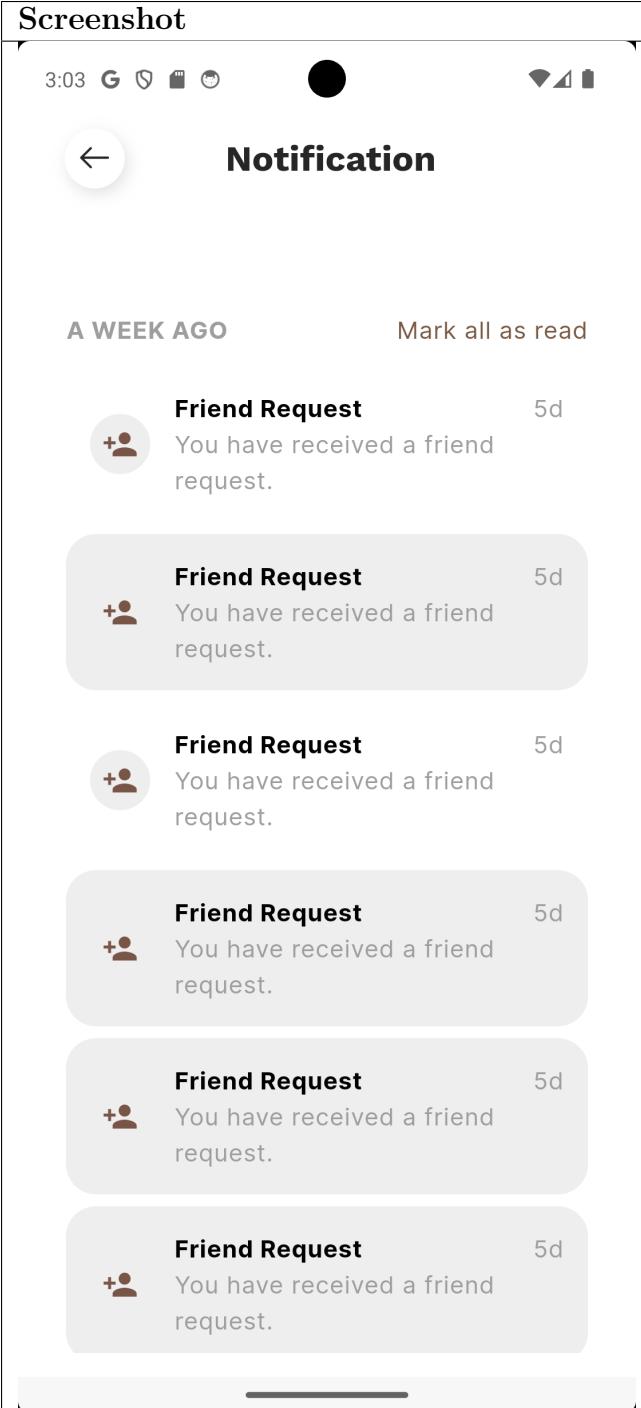
Screenshot	Details
 A screenshot of a mobile application's notification screen. At the top, there is a navigation bar with a back arrow icon and the word "Notification". Below the navigation bar, the text "A WEEK AGO" is displayed. To the right of this text is a "Mark all as read" button. The main content area contains six notifications, each with a small profile picture icon and the text "Friend Request" followed by "5d" and the message "You have received a friend request." A horizontal scroll bar is visible at the bottom of the notification list. <p>3:03 G 5d</p> <p>A WEEK AGO</p> <p>Notification</p> <p>Mark all as read</p> <p><b>Friend Request</b> 5d You have received a friend request.</p>	Click "Friend Request" to enter Friend Request Screen.

Table 52: Friend Request Screen

Screenshot	Details
	<ul style="list-style-type: none"><li>• "Accept" button to accept the friend request.</li><li>• "Deny" button to deny the friend request.</li></ul>

Table 53: Friend Request Screen

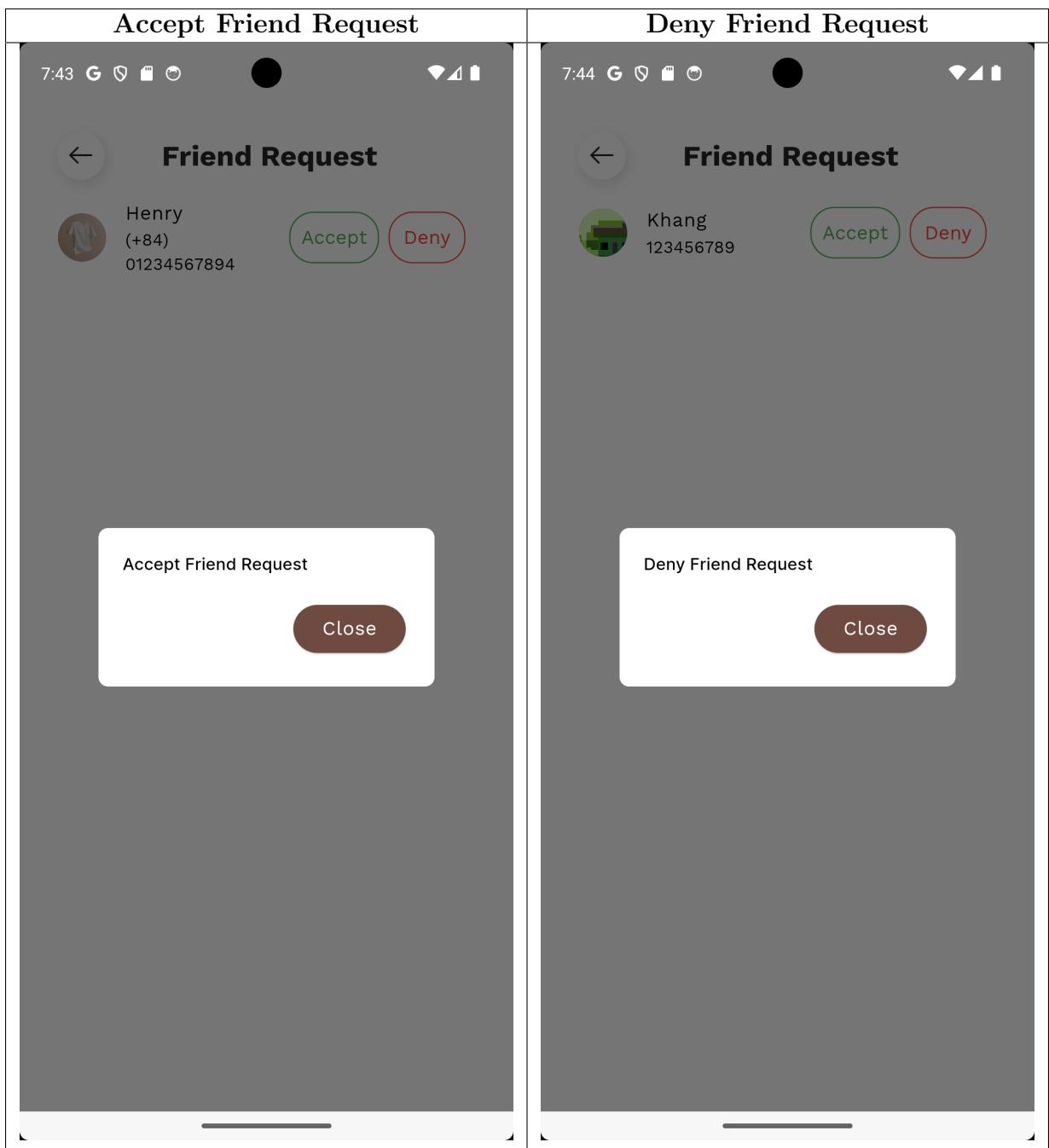


Table 54: Accept/Deny a Friend Request

## 2.30 Chatbox Screen

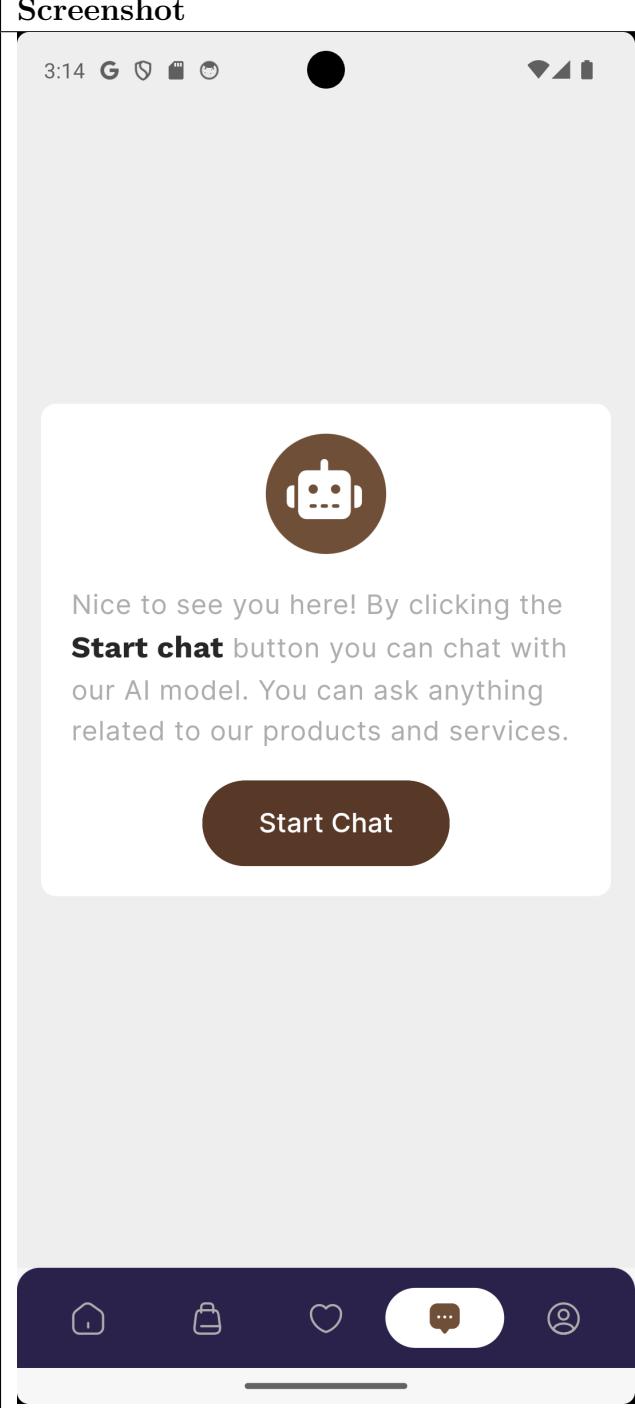
Screenshot	Details
 A screenshot of a mobile application's chat screen. At the top, there is a status bar with icons for time (3:14), signal strength, battery level, and connectivity. Below the status bar is a large white card with a brown circular icon containing a white robot head. To the right of the icon is a message: "Nice to see you here! By clicking the <b>Start chat</b> button you can chat with our AI model. You can ask anything related to our products and services." Below this message is a dark brown rounded rectangular button with the text "Start Chat" in white. At the bottom of the screen is a dark blue navigation bar with five icons: a house (Home), a shopping bag (Bag), a heart (Wishlist), a speech bubble (Chatbox, which is highlighted with a yellow outline), and a person (Profile). A thin horizontal bar is visible at the very bottom of the device.	<ul style="list-style-type: none"><li>• Click the "Start Chat" button to initiate a conversation.</li><li>• Use the bottom navigation bar with icons for:<ul style="list-style-type: none"><li>• Home</li><li>• Bag</li><li>• Wishlist</li><li>• Chatbox (selected)</li><li>• Profile</li></ul></li></ul>

Table 55: Chat Screen

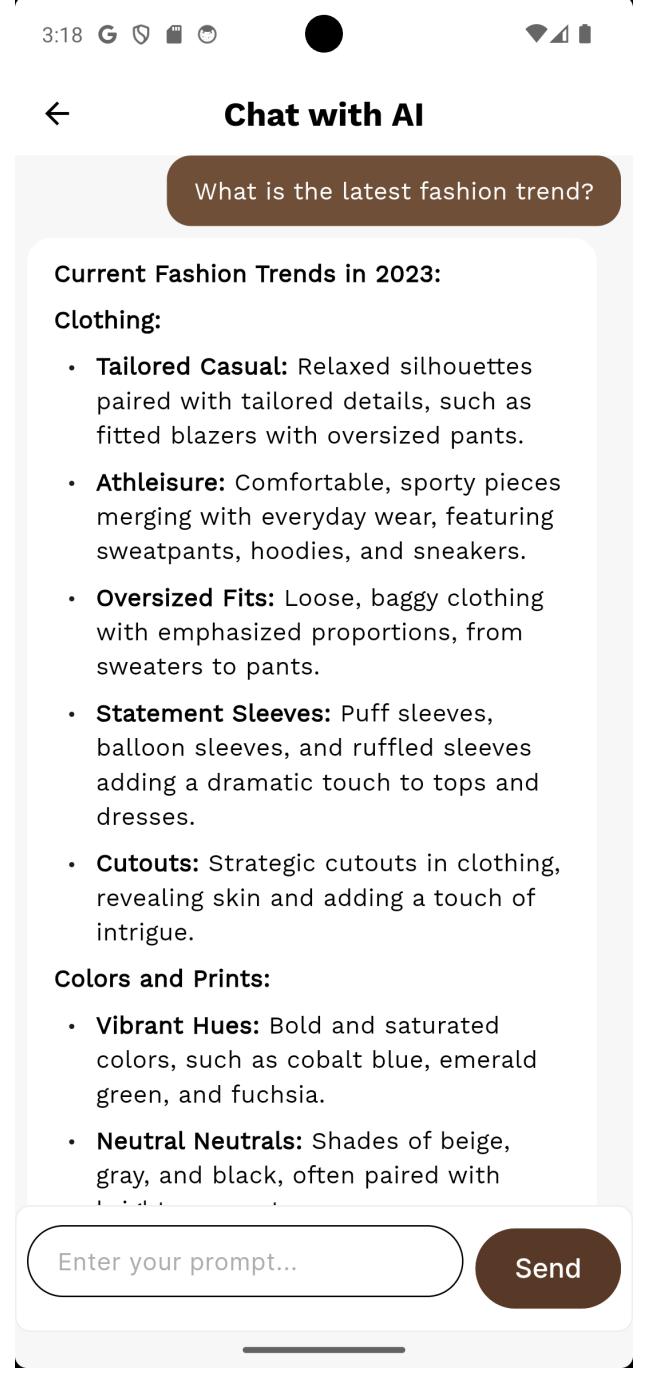
Screenshot	Details
 <p>The screenshot shows a mobile application interface titled "Chat with AI". At the top, there is a navigation bar with a back arrow and the title "Chat with AI". Below the title is a text input field containing the question "What is the latest fashion trend?". The main content area displays a section titled "Current Fashion Trends in 2023:" followed by two sections: "Clothing:" and "Colors and Prints:". The "Clothing:" section lists several trends with bullet points. The "Colors and Prints:" section also lists trends with bullet points. At the bottom of the screen is a text input field labeled "Enter your prompt..." and a "Send" button.</p>	

Table 56: Chat with AI Screen