

Milestone 2

CS175

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I. Links:

Project link: <https://bitbucket.org/nhunguyen190103/cs175-final/src/master/>

Presentation and Demo link: <https://youtu.be/TnKA1mSTdY>

II. Running Instructions:

To remove background and add a photo of a clothing item into the database using photos in Gallery:

1. Drag the photo in the Images folder in the root directory into the emulator. They will be copied under Downloads in Photos.
2. Go to Closet, choose Tops or Bottoms depending on what item you want to add.
3. Click on the Add button in the bottom right corner.
4. Choose "Choose from the Gallery"
5. Choose the one of the photos you have added previously in step 1.
6. Wait until an activity appears containing the chosen photo with background removed
7. Input the name and type of the clothing item
8. Click OK. Item should appear in the video.

Runway instructions:

1. Click any buttons on the right side to see the list of items.
2. Long press on the item image on the list
3. Drag and drop it to the view. The item images can be dragged within the view. If the touch point is out of bounds, it will be moved along the axis of that bound.
4. Any item is brought to front on touch.
5. Resizing images by pinching or zooming them
6. To save the outfit, click Save button and the outfit will be saved in Collection
7. To clear the view, click the back button

III. Task Log:

Task	Assignee	Time spent (hours)
1. Resizing images within view	Thanh Tran	8
2. Created AboutUsActivity.java and activity_about_us.xml	Thanh Tran	0.2

3. Improving UI (icons and main page)	Thanh Tran	2
4. Modify Clothes Layout	Nhu Nguyen	2
5. Add Shoes, Dresses and Accessories-related functions for ClosetActivity, ClosetDetailsActivity and PhotoDisplayActivity	Nhu Nguyen	1
6. Test Dragging, Dropping and Resizing on physical device	Nhu Nguyen	2
7. Test database and general functionality	Nhu Nguyen	2
8. Modify and add BottomNavigationView on all main activities	Nhu Nguyen	3
9. Modify database helper to allow for new forms of clothing.	Nick Fulton	3
10. Create a collection activity to show outfits.	Nick Fulton	2
11. Create a “screenshot” algorithm to help grab the outfit from outfit creation and add it to the database.	Nick Fulton	4

IV. Code Ownership:

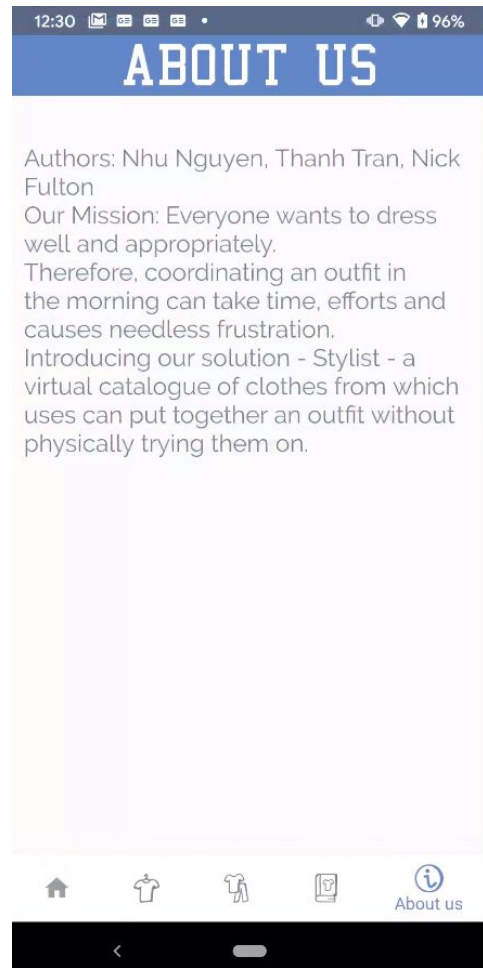
<u>Owner</u>	<u>Code</u>
Nick Fulton	<ol style="list-style-type: none"> 1. Top.java 2. Show.java 3. Outfit.java 4. Dress.java 5. Clothing.java 6. Bottom.java 7. Accessory.java 8. Model.java 9. DatabaseHelper.java 10. RunwayDetailsActivity.java <ol style="list-style-type: none"> a. Take and save screenshot of outfit 11. activity_collection.xml

Nhu Nguyen	<ol style="list-style-type: none"> 1. ClosetActivity.java 2. ClosetDetailsActivity.java 3. CountingFileRequestBody.java 4. MainActivity.java <ol style="list-style-type: none"> a. Modified BottomNavigationView 5. PhotoDisplayActivity.java 6. Activity_closet.xml 7. Activity_closet_details.xml 8. Activity_main.xml <ol style="list-style-type: none"> a. Added Logo 9. Activity_photo_display.xml 10. Clothes_layout.xml
Thanh Tran	<ol style="list-style-type: none"> 1. MainActivity.java 2. AboutUsActivity.java 3. RunwayActivity.java 4. RunwayDetailsActivity.java 5. ClosetActivity.java <ol style="list-style-type: none"> a. Added buttons for categories 6. DragData.java 7. activity_main.xml 8. activity_about_us.xml 9. activity_runway.xml 10. activity_runway_details.xml 11. row_layout.xml 12. toolbar.xml

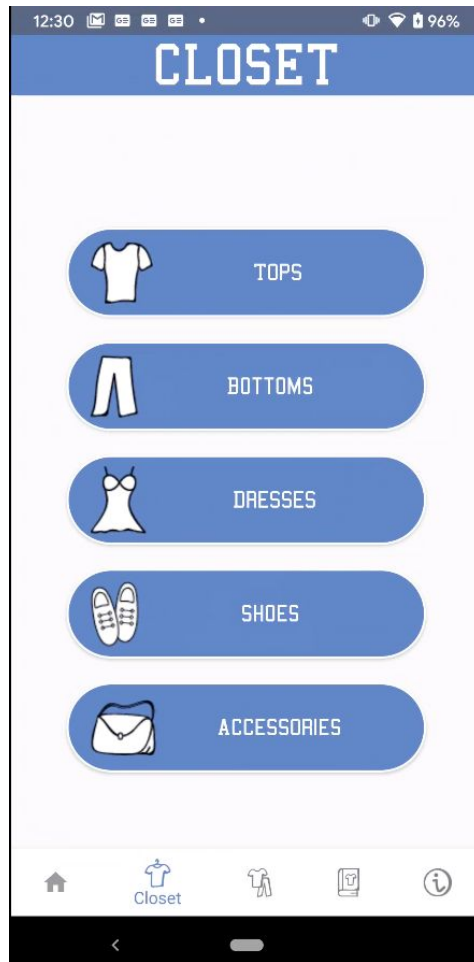
V. Screen Captures:



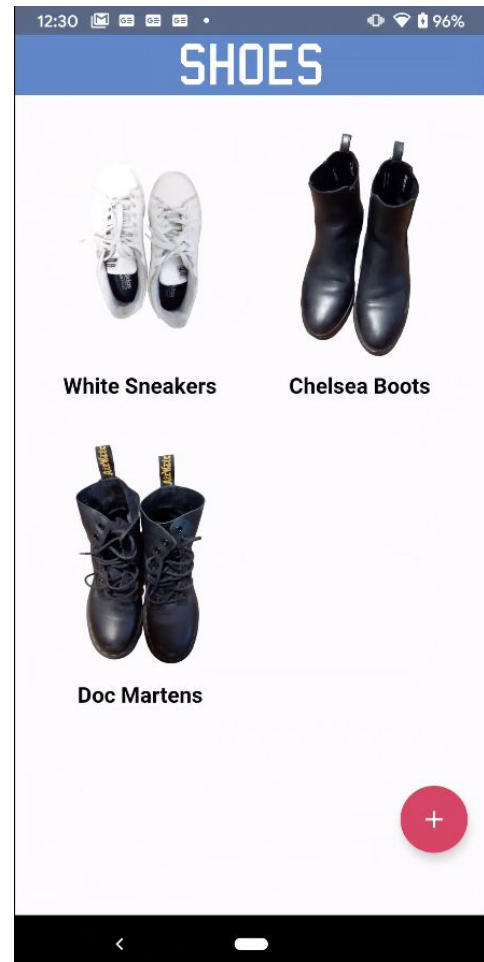
Main Page



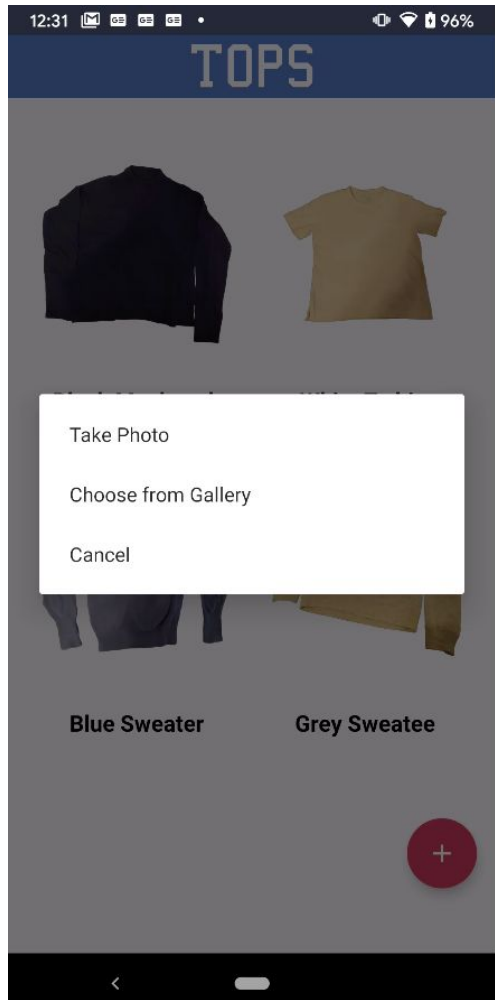
About Us Page



Closet is the virtual catalogue of clothing items you have added to the application



Browse specific categories such as **Tops**, **Bottoms**, **Dresses**, **Shoes** and **Accessories** for



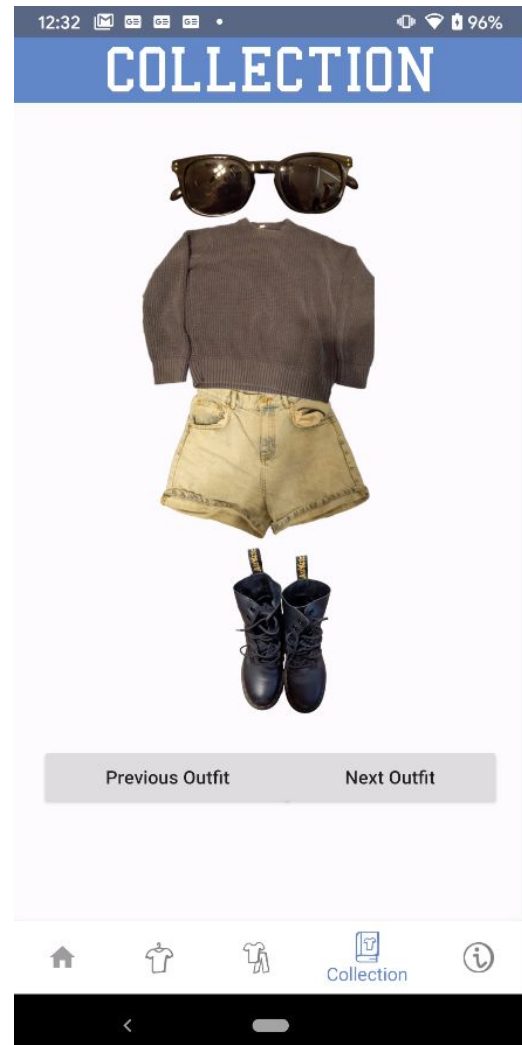
New item can be added by taking a new photo or choosing a photo from Gallery



Taking photo feature



Put together an outfit in **Runway** by dragging and dropping items into the view. Resizing item if needed.



Browse **Collection** for outfits you have created and saved