Campus Closet

Team Roles

Scrum Master: Nitin Pendekanti
Product Owner: James Nolan
Developer: Hunter Pearson
Developer: Rishu Prasad
Developer: Ethan Langford
Developer: Jack Sanchez
Developer: Preston Bied

Customer Meeting Time/First Meeting Discussion

Meeting Cadence: Every Tuesday at 8 am on Google Meets

First Meeting Summary: 1/4/2024 @ 8 am on Google Meets

During the initial meeting, we had our first communication with stakeholders in Teamup, Steve Asher and David Kebo. We reviewed the primary product requirements, and the stakeholders clarified key components to prioritize across our timeline. After introducing ourselves, we inquired about several concerns remaining after diving into the design document. First was donor verification, which will not be a priority to implement in early sprints but will ultimately need basic email verification. The next question we had was about the primary location serviced by the product. According to Mr. Asher, our initial launch should focus on our local community in College Station, TX, and nationwide expansion is the long-term goal. With these questions answered, we clarified our key goals. The stakeholders first noted that our ultimate goal is to create an easy-to-use alternative to more traditional manual options like Goodwill, which would make inventory tracking far more transparent to the end users. A secondary goal is to create an in-app chatting feature for the students and donors. Finally, we outlined our goals for early sprints, when our priority will be to deliver an MVP with a complete feature set and testing suite.

Summary

Campus Closet is a one-stop shop for college students to find clothes donated by donors around the College Station area. It addresses the needs of college students who are financially restricted by providing them with a platform for donating and distributing quality clothing. Campus Closets connects two key stakeholders when addressing the financial burden on college students: students who need clothes for professional or everyday purposes, and community members with excess attire willing to donate. The primary audience for this product includes undergraduate and graduate students, who will be able to access professional attire free of charge, allowing them to participate in all essential campus activities. The secondary audience would be any community members with lightly-used clothing to spare, making it easy to give back to their community and lend a helping hand.

Our application will focus on having a user-friendly interface, donating as simple and streamlined as possible. The application will track the ongoing inventory of clothing available and empower donors and students to communicate with an in-application chat system. Streamlining features will include user profiles, data filtering by attire, location-based meetups, account verification, and more. These features will allow us to cater to the unique needs of university students and donors alike. Success will be measured through key goals and objectives with an emphasis on user reliability and traction within a single campus, demonstrating the app's potential to make a significant impact.

User Stories

Display Clothing on Homepage (2)
As a student,
I want to be able to see useful articles of clothing and navbar,
So that people in need of this attire can receive it.

Upload Clothing (2)
As a clothing donor,
I want to be able to upload my clothes to campus closet and add tags,
So that I can quickly and easily list clothes for buyers.

Student Account Verification (3)
As a student of the platform,
I want to be able to verify my account is a student account,
So that I can request clothing.

Student Profile Page / Dashboard (2)

As a student,
I would like to be able to view and edit my profile page including location, name, etc. and view orders,
So I can book and view my orders.

Account Creation (1)

As a user,
I want to be able to view details about an item,
So that I can understand what clothes I want.

Clothing System Accept/Decline (2)

As a donor,
I want to accept or decline clothing requests,
So I can decide who to donate my clothes to.

Clothing Request Notification (2)

As a clothing recipient
I want to request clothing from someone's listing and notify the donor
So that I can identify clothes I want to the donor.

Map for Requestor Locations (1)

As a user,
I want to see where donors or recipients are using Google Maps,
So that I can arrange a meetup time and location.

Dashboard and Profile for Donors (3)

As a donor,
I want to view and manage my listings,
So that I can assess the status of my clothing.

Chat Capabilities (3)

As a donor / student,
I would like to be able to chat with other donors / students,
So that communication will be efficient between parties.

Sort and Filter Clothing (1)

As a possible receiver of clothes,
I would like to be able to sort and filter clothing,
So I can easily view only the types of clothes I want.

Login (1)

As a user,

I would like to login,
So that I can view clothing as a registered user.

Activity Dashboard

As an administrator,
I want to view analytics of the website,
So that I can understand where improvements can be made.

Ban / Block Feature

As an administrator,
I want to ban or block users,
So that I can maintain a safe environment for everyone.

Location Setup

As a user,
I want to notify the donor or recipient of my location,
So that a good meeting location can be arranged.

Rating and Review of Donors

As a clothing recipient
I want to rate and review donors
So that I can let other users know who is generous or perhaps misleading.

Pick Up / Drop Off Time

As a donor or recipient,
I want to arrange meet up times,
So that I can exchange the clothing items.

Seed Data (1)

As a developer,
I want to create seed data,
So that I can utilize sort and filter without manually creating clothing.

Sprint Backlog

Sprint Goal

Our sprint goal is focused on the inventory management system for our project. This includes setting up the database, being able to upload and display the inventory, and being able to accept/decline a certain requested listing. We also have some peripheral things to do such as sorting/filtering the listings.

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SPRINT STORY ASSIGNMENT

Upload Clothing (2) - Hunter Pearson
- Create input text fields [< 0.5 hr]
- Create upload photo field [< 1 hr]
- Communicate with database [< 1 hr]

Sort and Filter Clothing (1) - Hunter Pearson
- Create sorting points [< 0.5 hr]
- Apply sorting filter [< 0.5 hr]
- Display sorted clothes [< 1 hr]

Seed Data (2) - Ethan Langford
- Generate migration and create model [.5 hr]
- Implement images into S3 [.5 hr]

- Seed the database [.5 hr]

Display Clothing on the Homepage (2) - Preston Bied
- Set up communication to database [< 1 hr]
- Create a homepage (routes and view page) [< 0.5 hr]
- Create a product "card" object [< 1.5 hr]
- Display all clothing items in database on homepage [< 1 hr]

Clothing Request Notification (2) - Jack Sanchez
- Implement controller action to handle user request [< 1 hr]
- Add route for the request action [< 0.5 hr]
- Add a button in the view that allows users to request clothing [< 0.5 hr]
- Ensure that only students/authenticated users can request listings and that the listing is available [< 1.5 hr]

Clothing System Accept/Decline (2) - Rishu Prasad
- Delete composite entry from request table [< 0.5 hr]
- Add composite entry to confirmed request table [< 0.5 hr]
- Enable querying on listing page to update status of listing (accepted/rejected) [< 1 hr]

Links

Pivotal Tracker: https://www.pivotaltracker.com/n/projects/2687723
Github: https://github.com/teamup-apps-for-good/campus-closet
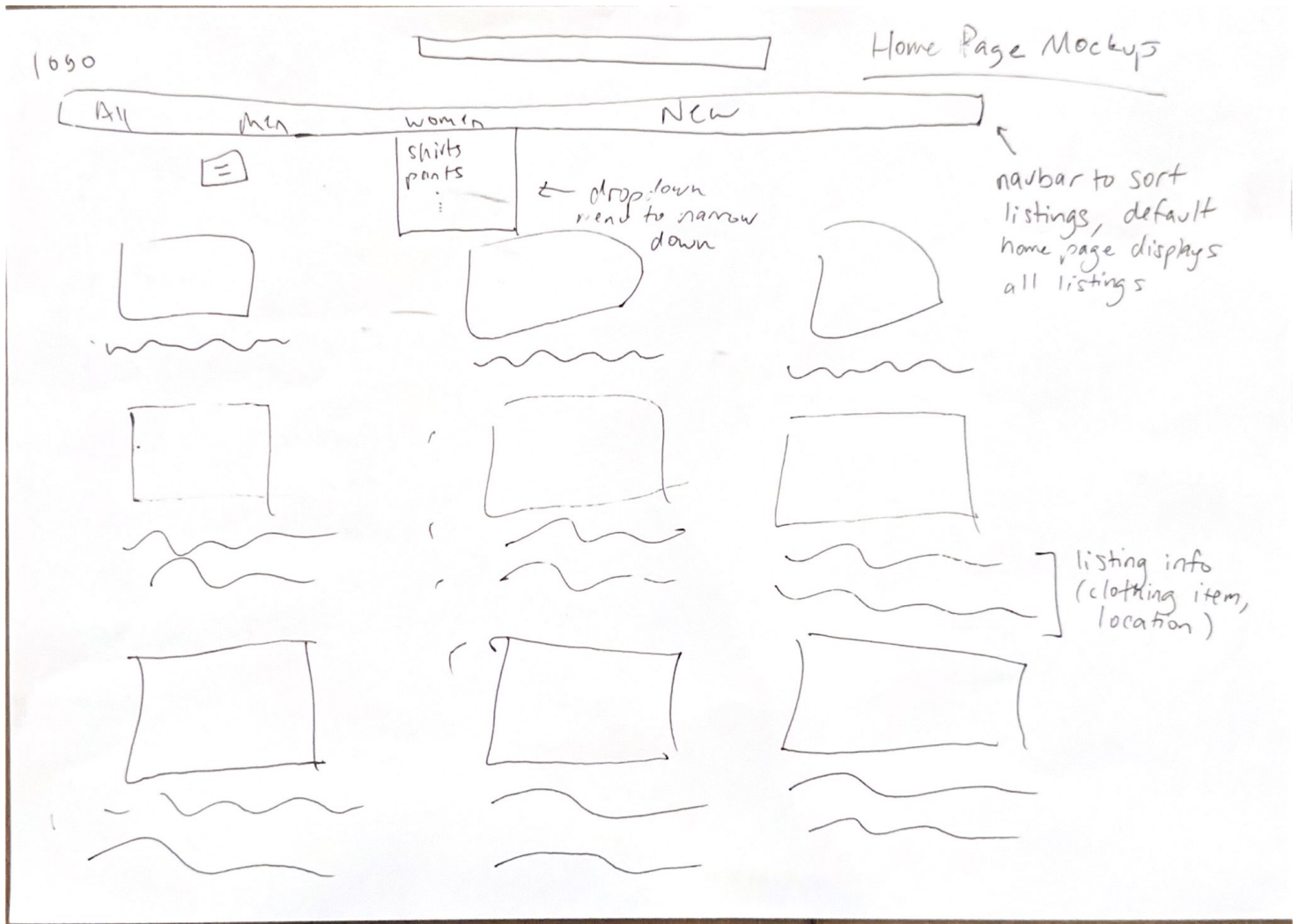**Slack Channel Invite Link**:
https://join.slack.com/t/merlioninc/shared_invite/zt-29xff62za-NiSt80F_f9_swqZCmqUQpg

User Interface

Attached to end of the document

Display Clothing on Homepage

Home Page Mockups

logo

All   Men   Women   New

shirts
pants

← drop down
menu to narrow
down

navbar to sort
listings, default
home page displays
all listings

] listing info
(clothing item,
location)

Upload Clothing

Nav Bar

Brand

Quality

Description

Upload Document

+ Tags ▽

Account Creation

+Add Photo
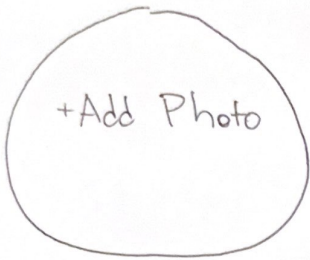
First Name

Last Name

Student   Donor
   ○   ○

Email   Number

+ Upload
Student ID

Clothing Request System

○ ○ ○

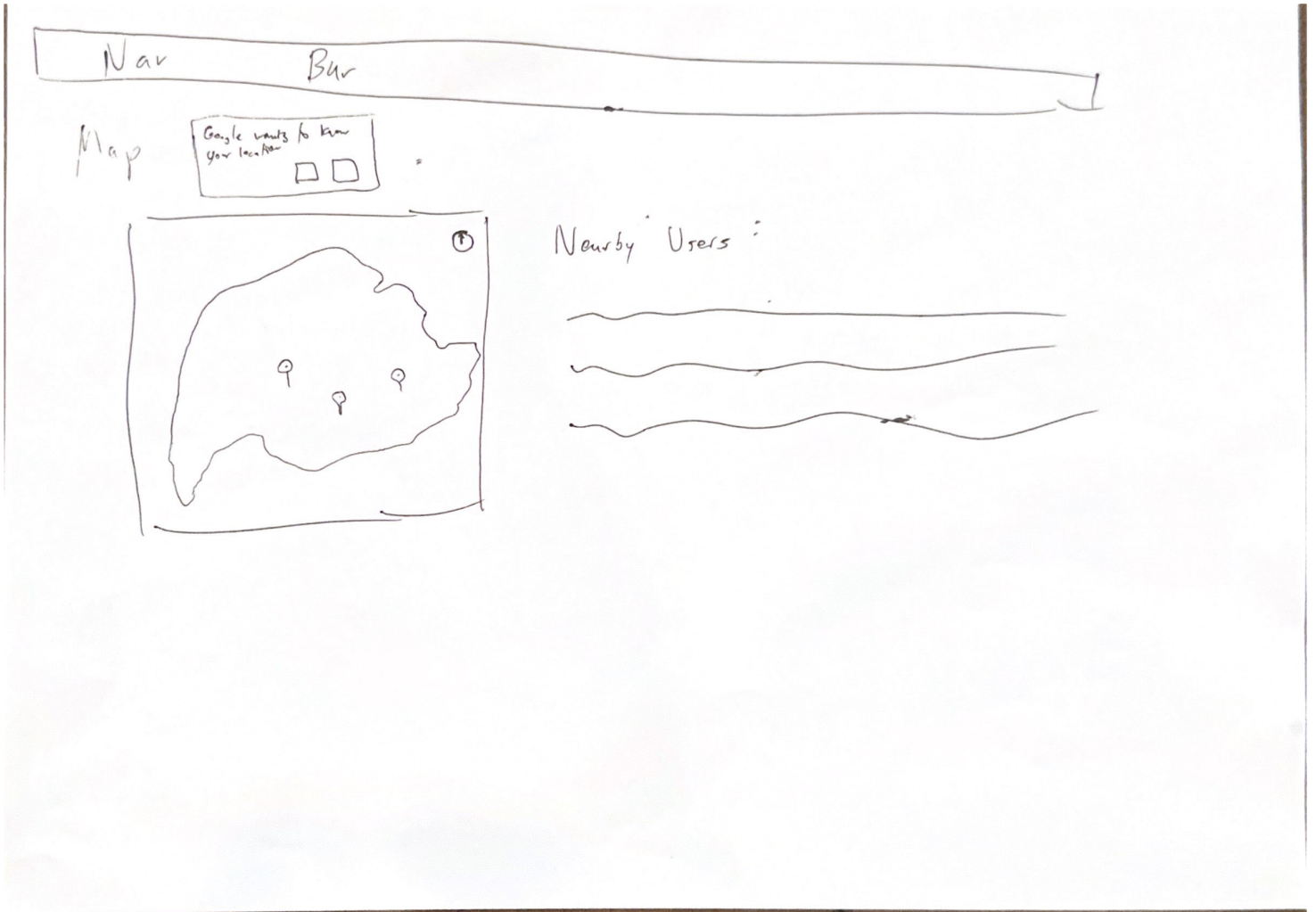| All | Men | Women | New |
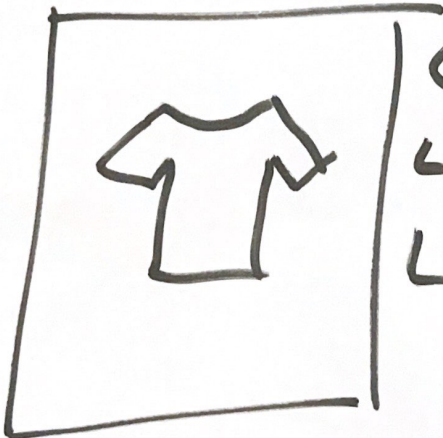
Listing Title

○ Donor

Listing Description

Location

Login

Log In

You will be prompted to enter information after logging in to your Google account.

Note that you must be a _student_ to _receive donations._

G   Continue with Google

Map for Requestor Locations

Nav   Bur

Map   Google wants to know
       your location

       Nearby Users:
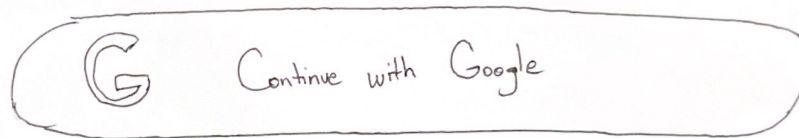
Sort and Filter Clothing

ooo

| All | Men | Women | New |

Men's Clothing
T-shirts
Sweatshirts
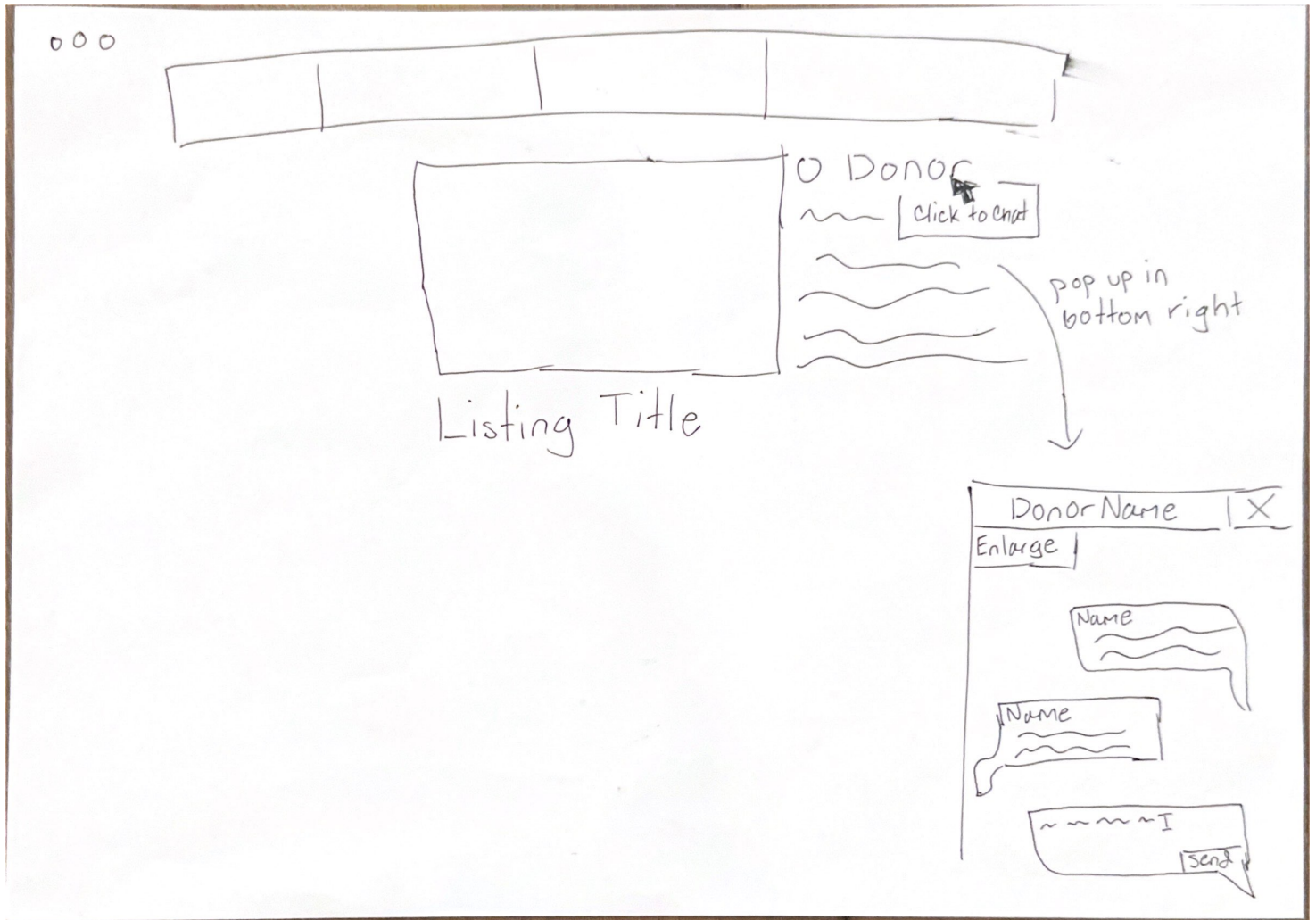Pants
Shorts
Jackets
Other

Shop by Size
☐ XS
☐ S
☐ M
☐ L
☐ XL

Donor Name

Info:

Chat Capabilities

o o o

o Donor

~~~ | Click to chat

pop up in
bottom right

Listing Title

Donor Name | X |
Enlarge |

Name

Name

~~~~I
Send

Dashboard and Profile for Donors

< Welcome Donor!

First Name   edit
Last Name   edit
email   edit
Phone #   edit

address   edit

[Change password]
[delete account]

Current Listings
_____

Listing Name   view map
7 Requests
Status: Pending

Past Listings
_____
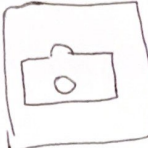
Student Profile Page / Dashboard

< Welome Student

First Name
Last Name
email   edit
Phone #   edit
address   edit
| change Password
| delete account

Current Requests

Listing Name   View map
Status: Pending   unsend request
Donor: Fname Lname
only Pickup

Past Pickups