SERVINGTON

Creators: Kolby Kucera, Connor Ferris, Michael Wailes, Logan McDermott

Actors

- Organizations
  - Make Posts
  - View volunteer page
  - Able to DM applicants and admins
  - Login/Logout
- Volunteers
  - View posts by volunteers/organizations
  - Sign-up for events
  - View list of applied positions
  - DM organizations and admins
  - Report Posts
  - Update contact information
  - Login/Logout
- Application Administrators
  - View posts/Volunteers/organizations
  - Delete volunteer/organization accounts
  - View list of reports
  - Delete posts
  - Display Volunteer/Event view
  - Login/Logout

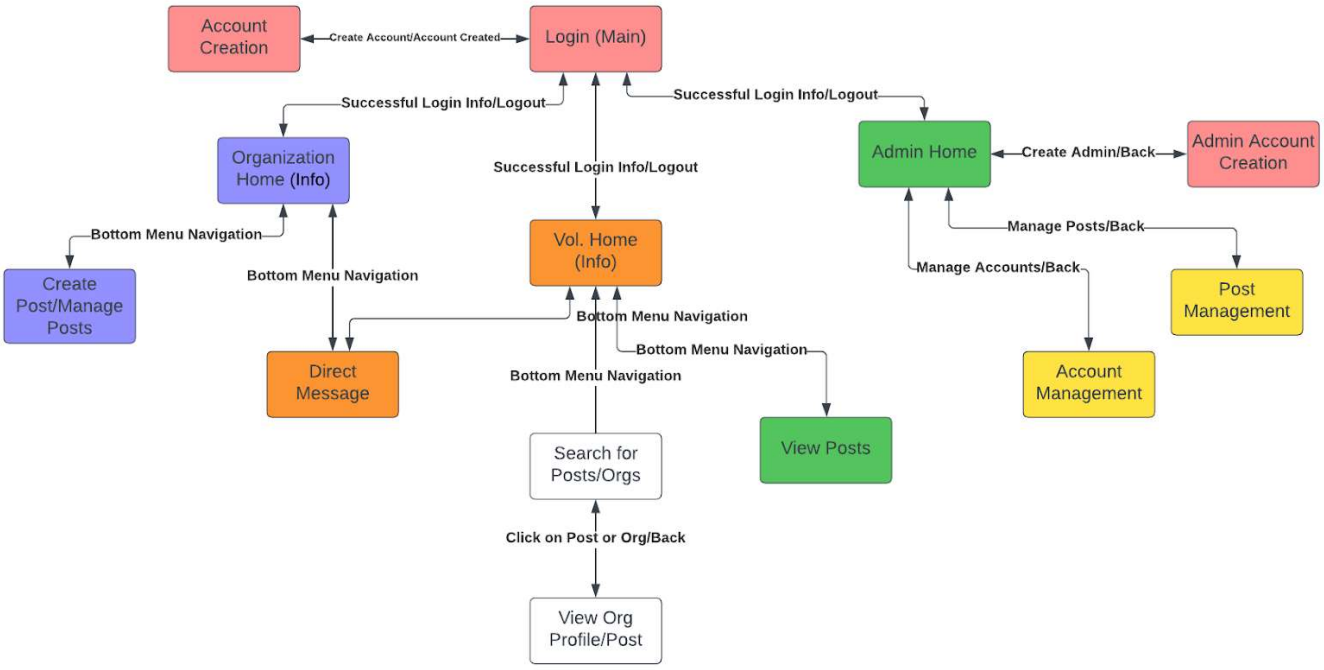
Non-Functional Requirements

- App needs to be able to run on android device
- All user interactions should take less than 0.5 seconds to process
- Users should be able to easily understand the layout and directions
- The app must be able to support at least 100 users
- The app must restrict certain pages to only admin users
- The app must be able to handle invalid requests/inputs

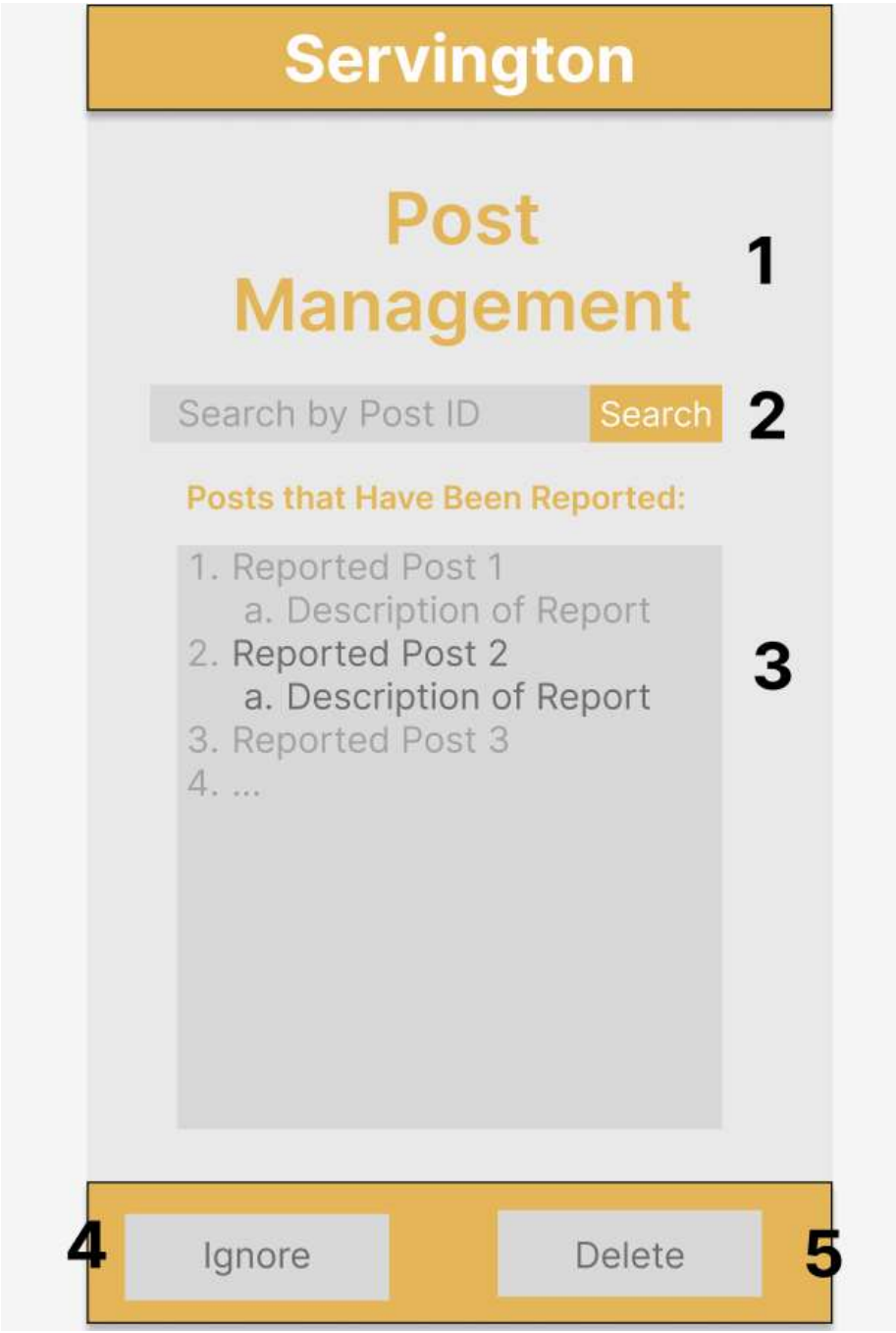
Tables and Fields

- User: Information relating to an Account
  - AccountID: unique ID for each account
  - Username: Username for login
  - Password: Password for login
  - Display Name: Name displayed to other users
  - Profile Picture: Small Circle Picture for each user
  - User-Email: Email to contact user
  - User-Phone Number: Phone number to contact users
  - Account-Type: Integer showing what type of account this is (Plan to use an Enum for this field)
    - Volunteer
    - Organization
    - Administrator
  - List of Reports
- Post: Information regarding Posts
  - Timestamp: Time that post was posted
  - Date: Date that post occurred
  - Description: Text body for post
  - Post-Type: Type of post (Use Enum to Implement)
    - With Picture and Text
    - Just Text
    - Picture + Text + Event (with Sign-up)
    - Just Text + Event
  - List of Reports
- Organization Event: Information about Event
  - Number-Volunteers-Needed
  - Number of Volunteers Signed up
  - List of all volunteers signed up
  - Time
  - Location
  - List of Reports
- Reports: Information regarding reports
  - ReportID
  - Report Description
  - List of Posts Reported
  - Lists of Users Reported

Screen Flow Diagram



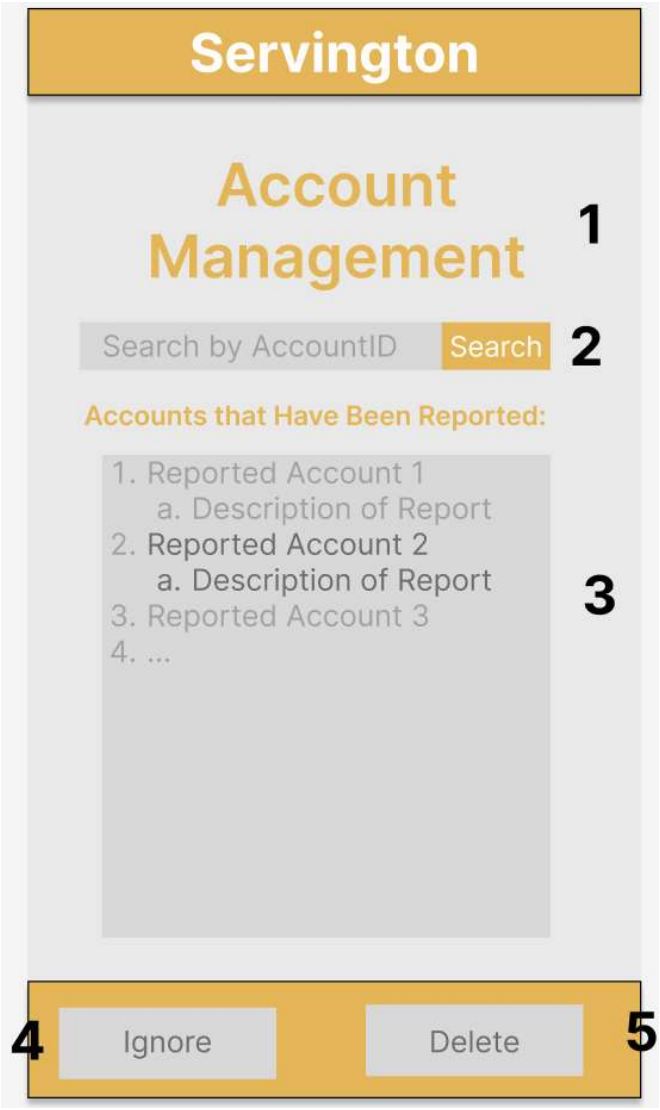
Screen Sketches



1) Title of the page
2) Search bar that allows for admin to search for a post by PostI, after pressing search button, the post should appear in box 3 if it exists
3) Displays list of reported posts with description of report, also allows admin to select a post to interact with (Bold font)
4) Ignore button removes reported post from this page and allows post to continue existing, also should automatically select next post in list

5) Delete button deletes the selected post and should also automatically select next post in list

This screen is accessed from the Admin home page. It allows the admin to interact with posts and perform operations such as delete. When the admin first enters the page, a list of all posts that have been reported should appear in box three. The admin should be able to select a post indicated by the bolding of the post in question. This signifies that this will be the post deleted, or ignored. Ignoring a reported post removes it from the list and allows the post to continue being displayed to admin and volunteers. If the admin decides to delete the post, it will be deleted from the database and not be allowed to be viewed any longer.



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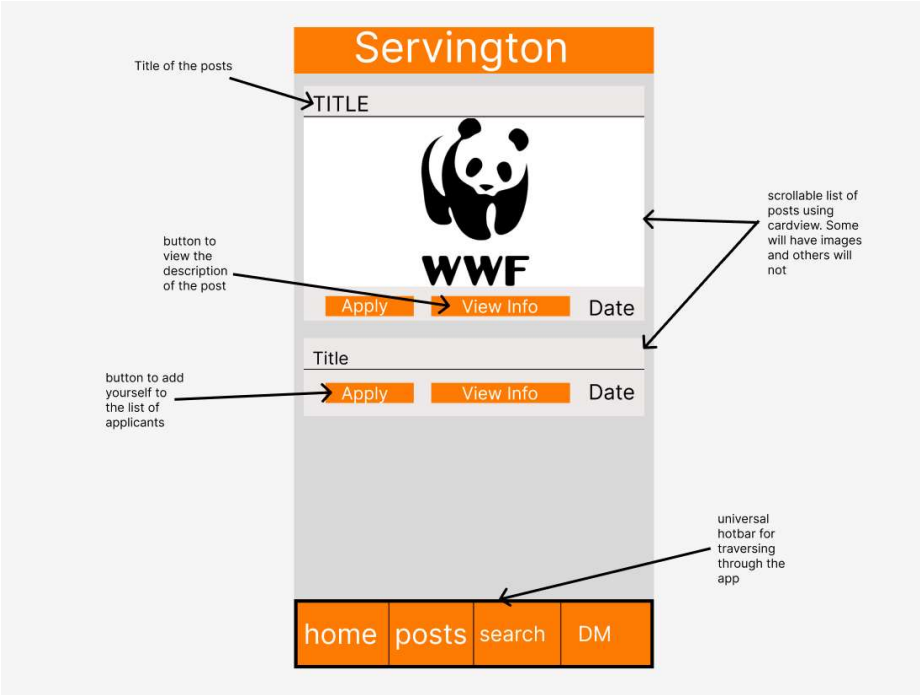
Account Management and Post Management screens by Logan McDermott

Screen Name: Organization Home Page
Student Name: Kolby

This is the Organization Homepage. This page is what an organization user sees after logging in. A navigation bar provides the main functions of this page. Labels are described below.

1. The organization name and image are displayed largely at the top.
2. The Home navigation button sends the user back to this page.
3. The Posts navigation button sends the organization to their posts page. That page will allow them to view/manage their posts or create a new post.
4. The DM navigation button allows the organization to go to their direct message page.
5. The logout button logs the user out and sends them back to the login page.
6. Statistics on the organization are displayed here. The number of past events they have held, and the total number of volunteers that have volunteered with them.

Screen Name: Volunteer post list
Student Name: Mike Wailes



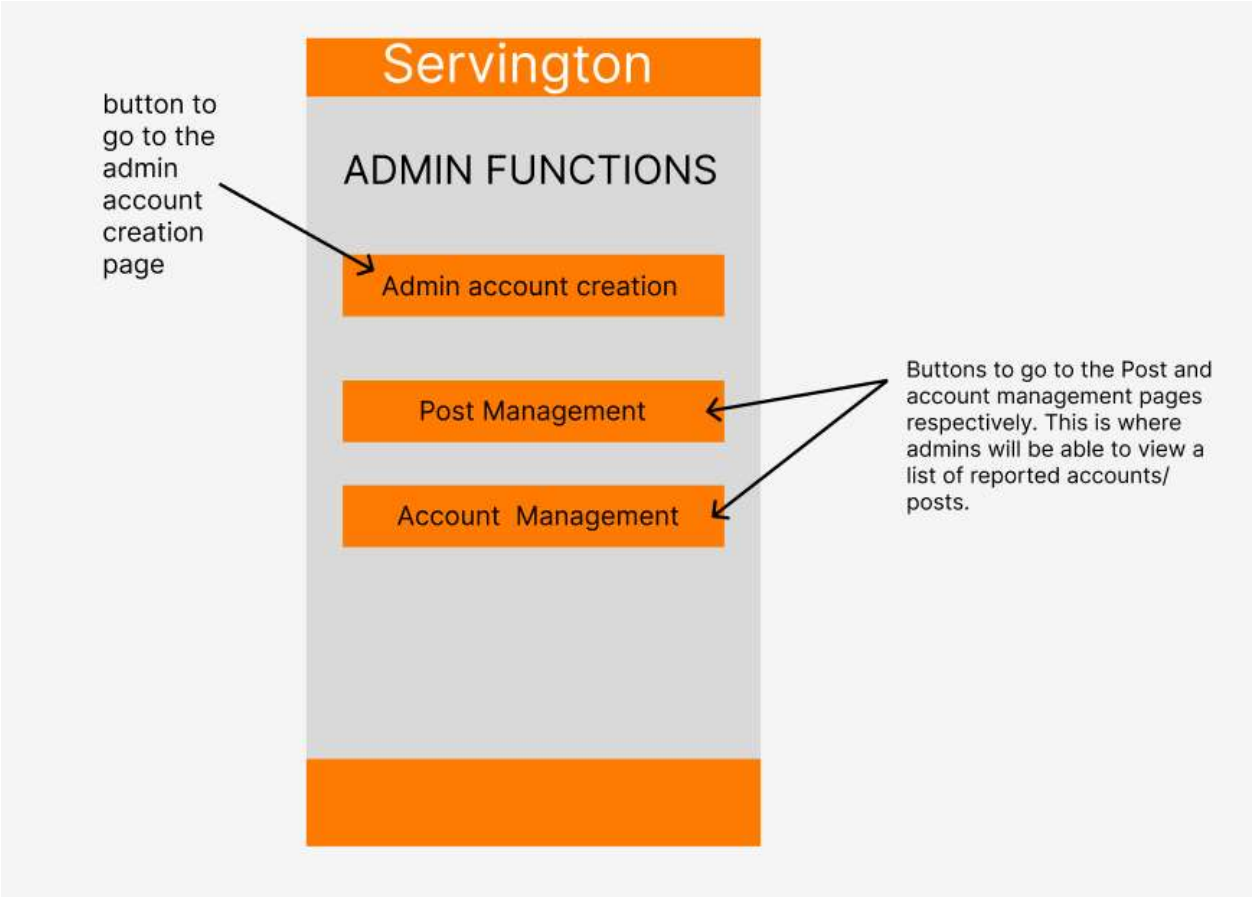
The Volunteer post list is the main “feed” of the volunteers portion of the app. The list will have a scrollable view of the list of posts and the ability to interact with them. Each post will have a button to apply as well as a button to view a detailed description of the volunteer activity. This screen also include the hotbar at the bottom used for traversing to other sections of the app.

Screen Name: Volunteer Home
Student Name: Connor Ferris

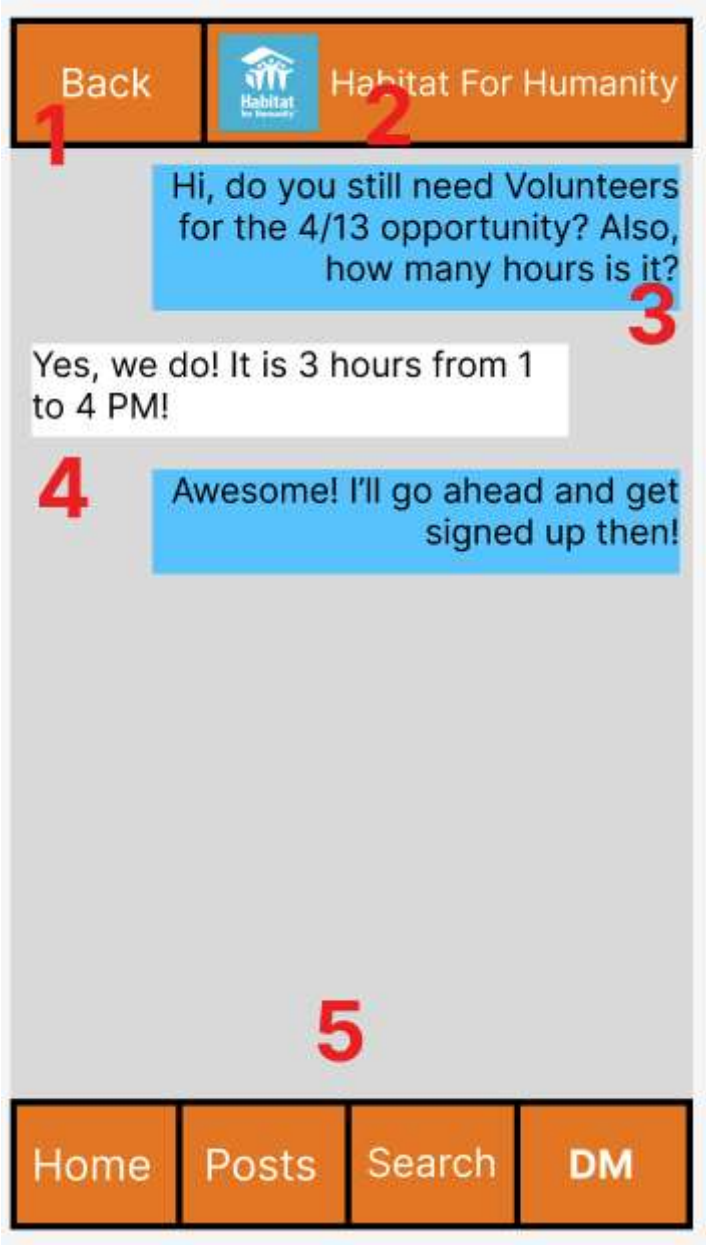
Volunteer home page. Page that volunteers first come to upon successful login. Their profile information is displayed on the home page, so you could also call the “home” page the “profile” page.

1. Account display name
2. Account profile picture
3. Account username
4. Account ID
5. Total hours volunteered
6. Account phone number/email
7. Bottom menu navigation - switches between home (currently selected), posts, search, and direct messages

Screen Name: Admin Home Page
Student Name: Mike Wailes



The admin home page is the main page for admin functionality access. This will include the creation of new admin accounts, Post Management, and account management.

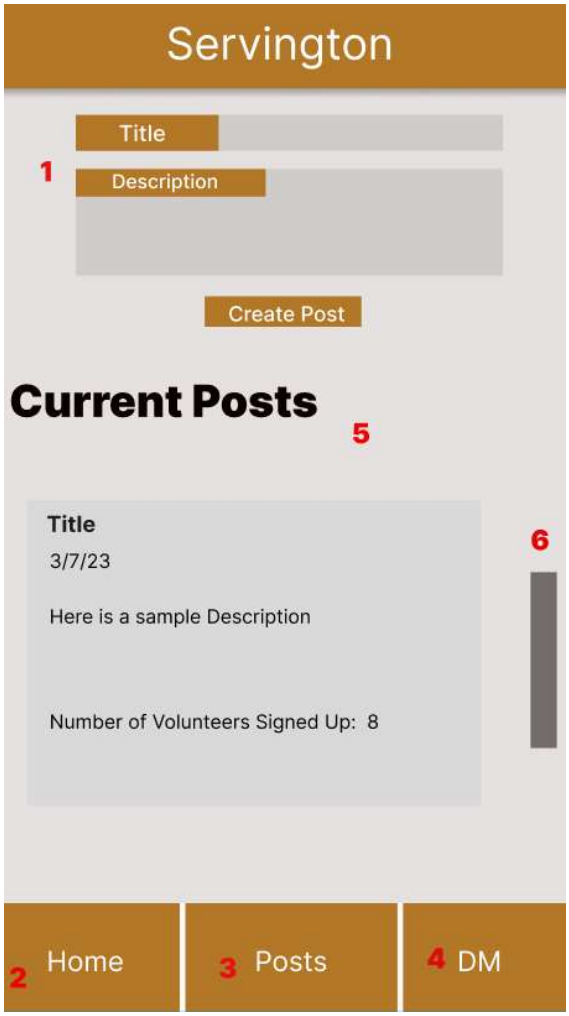


Screen Name: Direct Message
Student Name: Connor Ferris

Direct message page (in this case, it's being accessed by a user to message an organization).

1. Back button (back to list of all DMs)
2. Profile picture/name of account being messaged
3. User messages (blue)
4. Other account messages (white)
5. Bottom menu navigation, switches between home, posts, search, direct messages (currently selected).

Screen Name: Organization Manage Posts Page
Student Name: Kolby



This is the Organization Manage Posts Page. This page allows an organization to see all of the posts they have made, as well as create new posts. A navigation bar provides the main functions of this page. Labels are described below.

1. At the top of the page, the organization has the ability to create a new post by filling in the fields and clicking the create post button.
2. The Home navigation button sends the user back to their home page.
3. The Posts navigation button sends the organization back to this page.
4. The DM navigation button allows the organization to go to their direct message page.
5. Beneath the create post area, all of the current posts that the organization has made are available to look at.
6. The scroll bar on the right allows the user to scroll through their posts.