TeleSwan Project Specification

The TeleSwan Social Media Application must have the following Screens and Specifications:

- A Register Screen (Completed ☑)
    - Unique, 4 to 24 Character, non-case sensitive Username Input Field. (Completed ☑)
    - Non-Unique, 8 to 24 Character, case-sensitive Password Input Field (Minimum of 1 Special Symbol, 1 Upper Case Character, 1 Lower Case Character and 1 Number). (Completed ☑)
    - Unique, Valid Email Input Field. (Completed ☑)
    - A Register Button that requests the Back End Server to Register the user. (Completed ☑)
    - A Link that sends the user to the Login Screen if they already have an account. (Completed ☑)
    - If the User has any invalid information, display an error alert on submission. (Completed ☑)
- A Login Screen (Completed ☑)
    - Username and Email Input Field (User should be able to enter either of them on this field). (Completed ☑)
    - Password Input Field. (Completed ☑)
    - A Login Button that requests the Back End Server to Log the user in. (Completed ☑)
    - A Link that sends the user to the Register Screen if they do not have an account. (Completed ☑)
- A Feed Screen
    - Posts from other users the user follows, ordered by chronological order.

- A "Profile Search" Screen
  - A Username Input Field
  - User should get a view of all the users whose names contain the combination of characters entered in the input field.
  - If the user clicks another user's profile tab, the user will be sent to that other user's profile screen.
- A Profile Screen
  - A picture the user chooses or a default "user picture" in a circle format.
  - The user's username.
  - The user's display name
  - The user's pronouns.
  - The user's 200 letter bio section.
  - The Number of Followers with a link to the Followers/Followings/Viewers Screen with the list of followers, with links to each user's profile. They will have a "Remove" button so the user can remove a follower.
  - The Number of Followings with a link to the Followers/Followings/Viewers Screen with the list of followings, with links to each user's profile. They will have an "Unfollow" button so the user can unfollow the referenced user.
  - A display of all the user's posts as previews (first image) (Functions very similarly to Instagram when a post preview is clicked).
  - If it is the user's profile rather than someone else's profile:
    - An "Edit Profile" Button that sends the user to the "Edit Profile" Screen to edit the profile.

- Stalkers/Profile Viewers count with a link to the Followers/Followings/Viewers Screen with the list of Viewers/Stalkers, with links to each user's profile.
  - o If it is another user's profile:
    - If the profile is private, do not let the visitor see the follower/following list (they should still be able to see the count).
    - By default, private or public, visitors should not be able to see the visitor count and list of the user being visited.
- A "Edit Profile" Screen
  - o Ability to Edit Username
  - o Ability to Edit Display Name
  - o Ability to Edit Password
  - o Ability to Edit Pronouns
  - o Ability to Edit Bio
  - o Ability to Edit Email by clicking on the "Edit Email" option, which must be done separately from all the other edits to the profile/account.
- A Post Screen
  - o Shows a series of Images/Videos (With status indicating where in that series of Images/Videos the user is at)
  - o Shows caption
  - o Shows Like/Dislike Buttons along with the count for each one of them.
  - o Shows a "View Comments" Button which sends the user to the comment section of that post.
  - o Shows a "Share Post" Button with an option to send the post to a person they follow.
  - o Shows a "Save Post" Button

- Followers/Followings/Viewers Screen
  - Displays the user's Followers/Followings/Viewers and provides links to every one of them for the user to navigate to their profiles.
- A "Blocked Users List" Screen
  - Like the Followers/Followings/Viewers Screen, however, blocked users cannot be indexed by the profile search and their profiles can only be accessible from this Screen.
- An "Incoming/Outgoing Follow Requests" Screen
  - Like the Followers/Followings/Viewers Screen, however, simply displays the Incoming and Outgoing Follow Requests List and provides links to each of those users' profiles.
- A Post Creation Screen (where the user selects photos and videos to upload)
  - Shows a button for selecting a single image/video
  - Shows a button for selecting multiple images/videos
  - Series of Images and Videos sliding up from below (Similar to Instagram)
- A Loading Screen
  - Displays a loading SVG Animation for when a Screen or Component is Loading.
- A Direct Message List Screen
  - Displays a list of all the current direct conversations the user is involved in.
  - Each conversation links to the "Direct Message Chat" Screen for that conversation.
- A Direct Message Chat Screen
  - Users can send Texts

- o Users can send Images
- o Users can send Posts
- o Users can send Videos
- o Users can Like Messages by double tapping
- Refresh Mechanism for all posts