

1. **When opening the app, I want a way to log in to my personal account on CoastSweep.** This is important to me because I want a personalized way to clean up the beaches, keep track of the work that I have done. I may not always want to have to create a new account just to make this. I should be able to use my google or facebook account and save my work that way. My account information should be secured that way no one else can take credit for the result of my efforts.
 - Acceptance criteria:
 - When logging in I want to make sure that my account is authenticated to make sure my identity is unique.
 - When I log in with my CoastSweep account, I am able to track personal statistics such as the cumulative amount of trash items I have helped to remove from beaches. If possible, I would like to be able to see how many bottles, plastic bags, cigarette butts, etc.
 - When I open my account, I should be able to see my history of cleaned beaches and total service hours.
 - My cleanups can not be claimed for service hours by someone else.
2. **As a logged in user, I want to search for a specific beach to clean up.** Oftentimes, it is difficult to find a beach that has not been cleaned for a while. There are not many frequent updates on beaches websites, and even if there are updates regarding the conditions they are not in great detail. Volunteers who want to clean up the beach usually have to go to the beach in person to check on the condition, and there's no way of telling when a volunteer group has last cleaned it. Therefore, some acceptance criteria must be made
 - Acceptance criteria:
 - When I open the app, a map should be displayed and we should find a way to search beaches by name. The map should enable geolocation tracking specific to our current location.
 - I want a way to filter beaches so that I can see which beaches have been cleaned up recently (within 1 month), somewhat recently (within 6 months), and not recently at all (within 1+ year).
3. **As a logged in user, I want to add updates for a beach's last cleanup session and provide proof that I cleaned a beach.** During the cleanup, I want to track the items that were cleaned off of the beach so I can look back and see how much trash there was (i.e. number of plastic bottles or number of napkins). After cleaning the beach, I want to update that the beach's status has changed. It's hard to trust everyone to do the right thing, but for the greater good of our community and environment I want to show off the progress that I made. I should be able to provide verifiable proof that I was responsible for the cleanup not only to gain service hours, but also some sense of worth and accomplishment! Additionally I always get curious about how much "stuff" I have cumulatively picked up during the cleanups, so I want to see the total amount of trash I've cleaned off the beaches.
 - Acceptance criteria:
 - When I start a cleanup, I should be able to interactively tally how much of a certain item type I have cleaned.

- I should be able to end the cleanup and be prompted to upload a picture of the cleaned beach.
- After cleaning, I should be able to see that the beach is cleaned on the map.
- I can go to a separate page to view my cumulative cleanup statistics.

4. As a logged in user, I want to be able to receive credit for the amount of hours I have worked cleaning the beach.

We will ensure that the user is able to obtain a certification with their name and number of hours spent volunteering. Once a user has found a specific beach to clean up, traveled to the beach, cleaned up the beach, they will need to upload a picture as proof of the work that they did. Once a user has uploaded this picture, the web app will verify that the image uploaded is a valid image of a beach with bags of trash. This will prevent a user from uploading a random picture. Once the image is verified and confirmed to be an acceptable form of proof, the user will receive a certificate within the app that is able to be downloaded as a PDF. The certificate of completion will include the user's name and number of hours worked, as well as spaces for the user to input more details about the beach clean-up such as the name of the beach and location of the beach.

- Acceptance criteria:
 - When I upload proof that I completed the beach cleanup, I should be able to automatically receive a certificate of completion.
 - I should be able to have my name and number of hours worked displayed on the certificate.
 - I should be able to download my certificate as a PDF.

5. As a logged in user, I want to be able to see my accumulated service hours. I want to be able to see my achievements within the app like a badge once reaching a certain amount of hours of service. Kind of like a milestone reached within the app to motivate me as a user. I want to be able to see the percentages of people who earned each type of badge. I should be able to see a leaderboard for all the people's accumulated hours. I also can keep a track of my progress throughout my journey using the app. Some examples of badges received would be "Cleaned one beach a month for a whole year" or "Logged in five hours for the week". The badges can be colorful and vibrant. Hopefully this will motivate people to clean the beaches more!

- Acceptance Criteria:
 - My badges / achievements can be viewed on the app.
 - A percentage shown to how many users received this kind of badge.
 - Milestone achievements that make me feel rewarded for my progress.
 - The badges will be colorful and vibrant.
 - Some tasks are difficult to achieve and individuals can have a sense of accomplishment by seeing the rarity of their achievements. You will be able to see how your achievements compare to the rest of the user pool on the app.