**Name: Som Mathur Group name: Equitech Assignment 5**

1. **Hierarchical Task Analysis**: The critical task chosen by me was the search feature of our platform. Here is the tree diagram of the following task.

0.Searching for volunteer opportunities

4.1.1.1. Shortlist if user wants to view opportunity again

4.1.1. Apply filters, View Organization Profile/Description of opportunity

1.Use the search bar

3.2. Complete all steps in 4.1

3.1. View current social issues/organization posts

3. Use New feed

2.Use the recommended list of categories

2.2. Complete all steps in 4.1

2.1. Choose a category

4.1. Visit a chosen result

4.1.4. Back to Searching

4.1.3. Send and await response from organization

4.1.2. Fill application

4.View research results

5. No results found

5.1. View Suggestions based on Profile/Use Filters

**Note.**

1. **For step 4.1.1. Users have the option to save some of the searches they like bit “clicking on a “star” icon next to the search which will automatically store their favourites so that the user can refer back to it later. It’s a shortlist feature that I am attempting to implement.**

1. **Another aspect of search I was looking to work on was the after math of researching and applying, where I was looking to form of communication between the user and the organization. I have implemented a messaging service.**

The goals looking to be achieved from this user testing are-

1. Search for Opportunity
2. See current issues and current opportunities
3. Choose a category
4. Choose a search result
5. View Description of the opportunity
6. Apply
7. Organization reply and user interaction with organization

Scenario1: You are a 3rd year computer science student trying to look for volunteer opportunities in his free time. Using this system can you show me how you would do the following tasks:

1. Simply search for opportunities by typing out keywords
2. View some opportunities that might interest you
3. View Organization

Scenario 2: You are a 2nd year social sciences student in search of volunteer part time volunteer opportunities to add content to the resume as you are currently applying for summer internships.

1. Find recommended results
2. View opportunities
3. Shortlist some results
4. Apply to positions
5. Check for messages

Scenario 3: You are a Senior Analyst at a well known bank and are looking for current social issues and are open to potentially volunteering towards a new cause.

1. Look at the current social issues
2. Search by Category

In this scenario, the user can potentially apply, view an opportunity description or simply just browse through results

Scenario 4: You are a 1st year undergraduate who has already applied to a number of positions and are now awaiting replies:

1. Check if any organization has replied
2. Search for more opportunities

Note about the prototype-

1. Some additional notes added to the home page for submission but not part of actual prototype.
2. These additional notes will be removed at the time of testing so as to make the process more intuitive.