



# equitech



CSC 318

Ismael Ghanim, Robert Gardiner, Som Mathur & Justine Chen



# Problem Space & Research

Problem  
Space  
&  
Research

Design  
Requirements

Low-fi  
&  
Initial  
Hi-fi

Refined Hi-fi  
Prototype



Sarah, a recently graduated student who wants to give back to the community  
but is unsure how to begin

# Problem Space

Matching volunteers with nonprofits based on their personal preferences and the organization's needs.



# User Research

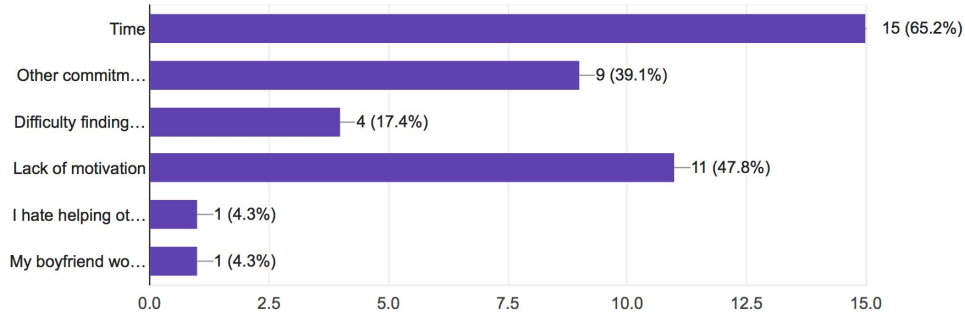
Transparency

Time

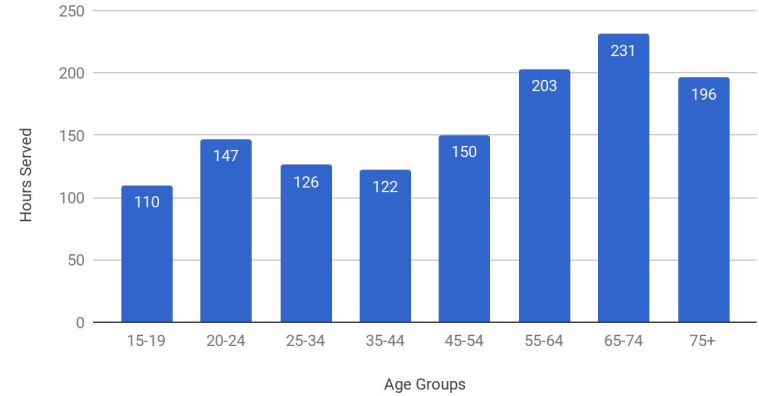
Impact

## If not, why not? Check all that apply

23 responses

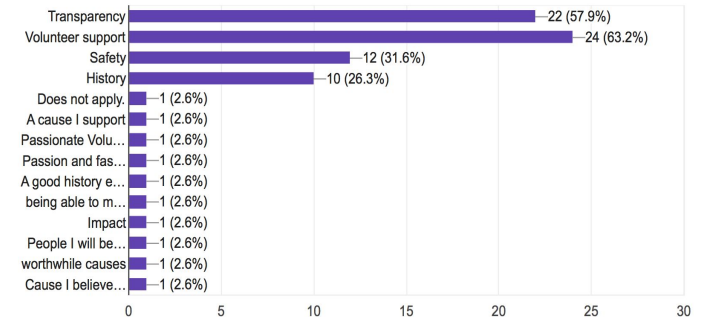


## Hours Served Annually by people who Volunteer in Canada



## What do you look for in a volunteer organization? Check two most important qualities

38 responses





# Design Requirements

Problem Space  
&  
Research

Design  
Requirements

Low-fi  
&  
Initial  
Hi-fi

Refined  
Hi-fi  
Prototype



# User Experience

## Thinking:

- What are my options for volunteer organizations?
- Which organization fits me best?
- Who do I apply to?
- How do I get in contact with them?

## Context:

- School
- Online
- Word of Mouth
- Events/ Fairs





# Project Objective:

Build a **web application** that allows volunteers to **discover volunteer organizations and opportunities**, according to preference.

Once the volunteer finds an organization that they wish to volunteer for they will be able to contact them directly.



## Design Principles

**Simplicity:** content should be curated to not be overwhelming

**Search-central:** Search functionality should be primary

## Functional requirements:

Creating a **volunteering profile** consisting of *contact information, commitment levels, interests and past experience in volunteering.*

**Searching for organizations and opportunities,** *filtered based on the volunteer profile and other criteria.*



## Low-fi & Initial Hi-fi

Problem Space  
&  
Research

Design  
Requirements

Low-fi  
&  
Initial  
Hi-fi

Refined  
Hi-fi  
Prototype



# Lofi Prototypes

## Profile Creation

⊗ ⊖ ⊕

Equitech

login

Volunt

Volunteer Domain

☐ Social Services

☐ Civic Services

☒ Environmental Services

☐ Arts and Culture

☐ Education

☐ Other: \_\_\_\_\_

⬅ ➡

➡ skip

★

↓ Add or Remove Filters to what Organization / or Opportunities you would like in your NewsFeed

Filter Options

Sector(s) of volunteering

Collab / Distribute Food

Filter by Cause

Gender Equality

Filter by Location

within 20km

Filter by Time of work

2-3 hours

Done

★

## Lofi Prototypes

# Finding Opportunities

Positions Organizations

Search 

★ Filters

Sector

Environment Animals Mental Health

Food Arts Recreation

Location

Add a location

Toronto, ON, Canada

Mississauga, ON, Canada

Time Commitment per Week


1-5 hours 10-15 hours


6-10 hours 20+ hours

★

HOME ABOUT CATEGORY Welcome, User!

Search Results Teaching!

1.  Shortlist

2.  Shortlist

Filter by

Location





Availability

Job type

Time

Dates

Page 1

## Lofi Prototypes

# Finding Opportunities

**ECO SOURCE**

## Garden Volunteer

10 hours/week • Environment  
Ecosource • Toronto, ON, Canada

[View More](#)

**About Ecosource**  
We are a Toronto-based nonprofit, focusing on sustainable urban gardening and food security.

**Role Description**  
Volunteers will help with in-garden tasks such as planting, harvesting, pest and weed control, and garden maintenance. The goal of this position is to bring youth and community members together to grow food for local food banks and markets while learning about urban gardening.

**Benefits**  
... of the connection between

## Contact

[Send Email](#)

Name

Email

Subject

Message

HOME NEW FEED CATEGORY Welcome, User

★ APPLICATION FORM

APPLY USING PROFILE

OR

Name:

Email:

Contact:

Why are you interested in our event?

SEND

Read More About Us [HERE](#)

HOME ABOUT CATEGORY Welcome, User

ORGANIZATION 1 - volunteer application

Hi! We are looking for volunteers to help us with facilitating our event.

Description:

① ---

② ---

APPLY

🏠 ✉ 🔍 ⌂

# Hifi Prototype

## Profile Creation

The top screen displays the 'Basic Information' form with the following fields: First Name, Last Name, Email, Password, City, and Province. An 'Edit' button is circled in red. A 'Next' button and a star icon are at the bottom right.


The bottom screen displays the 'Basic Information' form with the following fields: First Name, Last Name, Email, Password, City, and Province. A 'Confirm Changes' button is circled in red.

The screen displays the 'Basic Information' form with the following fields: First Name, Last Name, Email, Password, Confirm Password, City, and Province. A 'Save Changes' button is circled in red. A 'Next' button is at the bottom right.



# Hifi Prototype

## Finding Opportunities

messagingbrowsecategoriesprofile

Hi! We are looking for volunteers to help us facilitate our garden. We are looking for a commitment of approximately 5 hours per week.

Duties will include:

1. Harvesting fruits and vegetables
2. Learning sustainability techniques
3. Having fun!

Location: Downtown Toronto, near St. George TTC

[★](#)

[Apply using profile](#)


or

Name\*

Occupation\*

What kind of contribution are you

[Messaging](#)

messagingbrowsecategoriesprofile

★PositionsOrganizations

Filters ★

Distance

Time Commitment

Sector

**Garden Volunteer**  
Ecosource | 5km away | 5 hours/week | Environment

We are a Toronto-based nonprofit, focusing on sustainable urban gardening...

[View More](#)

[★](#) Shortlist

**Food Bank Volunteer**  
Canada Eats | 28km away | 15 hours/week | Food

We are a food bank operating in the Toronto downtown core, serving hundreds...

[View More](#)

[★](#) Shortlist

**Animal Advocate**  
PETA | 18km away | 20 hours/week | Animal Rights

We are an animal rights organization looking for dedicated volunteers to advocate...

[View More](#)

[★](#) Shortlist

[Messaging](#)





# Refined High Fidelity Prototype

Problem Space  
&  
Research

Design  
Requirements

Low-fi  
&  
Initial  
Hi-fi

Refined  
Hi-fi  
Prototype



# Hi-fi Prototype

- > Changing prototype after pilot testing
- > Changing prototype based on tests conducted on recruited participants



# Changes made for sign up process

-> Back Buttons

-> No age field

-> Asterisks to prompt user that certain information is mandatory

-> Edit, saving changes and finish button

First Name:

Last Name:

Email:

Password:

Confirm Password:

First Name\*

Last Name\*

Email\*

Password\*

Confirm Password\*

Education:

Phone Number:

Personal Bio:

Back

Next

Password:

Confirm Password:

City:

Province:

Back

Next

Edit

First Name

Last Name

Email

Password

City

Province

Next

Confirm Changes

First Name


Last Name





Email

Password

City

Province

 **equitech**

 messaging  browse  categories  profile

### Filters For Your Newsfeed

Distance

Any ▼

Time Commitment

Any ▼

Sector

Any ▼

Back

Save Changes

Next

Password

Confirm Password

.....

City

Province

Saved ✓

Next

Finish



# Changes made for search related features

- > “Search” to “Browse”
- > Prototype limitation- cannot use search bar
- > Search Modes
- > Application process - Back Button added





**equitech**



home



messaging



browse



categories



profile



About Us



Positions

Organizations

Filters

Search



Search



Filters

Showing results for:

Positions

Organizations

---

## Garden Volunteer

---

Hi! We are looking for volunteers to help us facilitate our garden. We are looking for a commitment of approximately 5 hours per week.

Duties will include:

1. Harvesting fruits and vegetables
2. Learning sustainability techniques

[Back](#)

## Garden Volunteer

---

Hi! We are looking for volunteers to help us facilitate our garden. We are looking for a commitment of approximately 5 hours per week.

Duties will include:

1. Harvesting fruits and vegetables
2. Learning sustainability techniques
3. Having fun!