

# EE/CprE/SE 491

## Social Support Registry App

### WEEK 2 REPORT

02/7/2022 – 02/12/2022

Group number: SDDEC22-08

Client: Dr. Katherine Rafferty

Advisor: Professor Matthew Wymore

#### **Team Members:**

Samantha Culver: Team Manager & Front-end Designer

Kellan Hulet: Front-end Developer, Front-end Manager

Brayden Ruch: Back-end Developer,

Amaranthia Willers: Back-end Developer, Back-end manager

#### **Weekly Summary**

We met on Thursday to discuss the team contract and agree on roles for each individual to play for the project. We decided that Samantha Culver will be the team leader and a front end developer, Kellan Hulet will be a front end developer and tester, Brayden Ruch will be a back end developer, and Amaranthia Willers will be a back end developer and tester. We also discussed progress made throughout the week and the diagrams created. Front end development included diagrams and descriptions of the design and back end development included requesting a VM for the server and exploring different options for the back end.

#### **Past week accomplishments**

Samantha Culver:

- Became more familiar with coding environment to be used for front-end work (2/7, 2/9, 2/10)
- Began working on a rudimentary login page for the front-end design once familiar with VSCode (front-end IDE) (2/10)
- Worked on flowchart for website navigation (see figure 1) (2/10)
- Worked on an outline for features for each front-end webpage to have (2/11)

Kellan Hulet:

- Looked into routing library options for frontend
- Created documentation for front end functionality for each page
- Worked on flowchart for website navigation
- Created SWOT diagram with team

Brayden Ruch:

- Looked into different options for backend i.e. node.js, express, spring boot, and mysql
- Requested vm from ETG should hear back from them soon
- Tried setting up and testing my own react app with grommet just so I know how everything works together and getting more familiar with grommet

Amaranthia Willers:

- Research Node.js/Express to get ready for backend development
- Getting more familiar with grommet

- Refamiliarizing with Git error messages and merging issues
- Research sockets

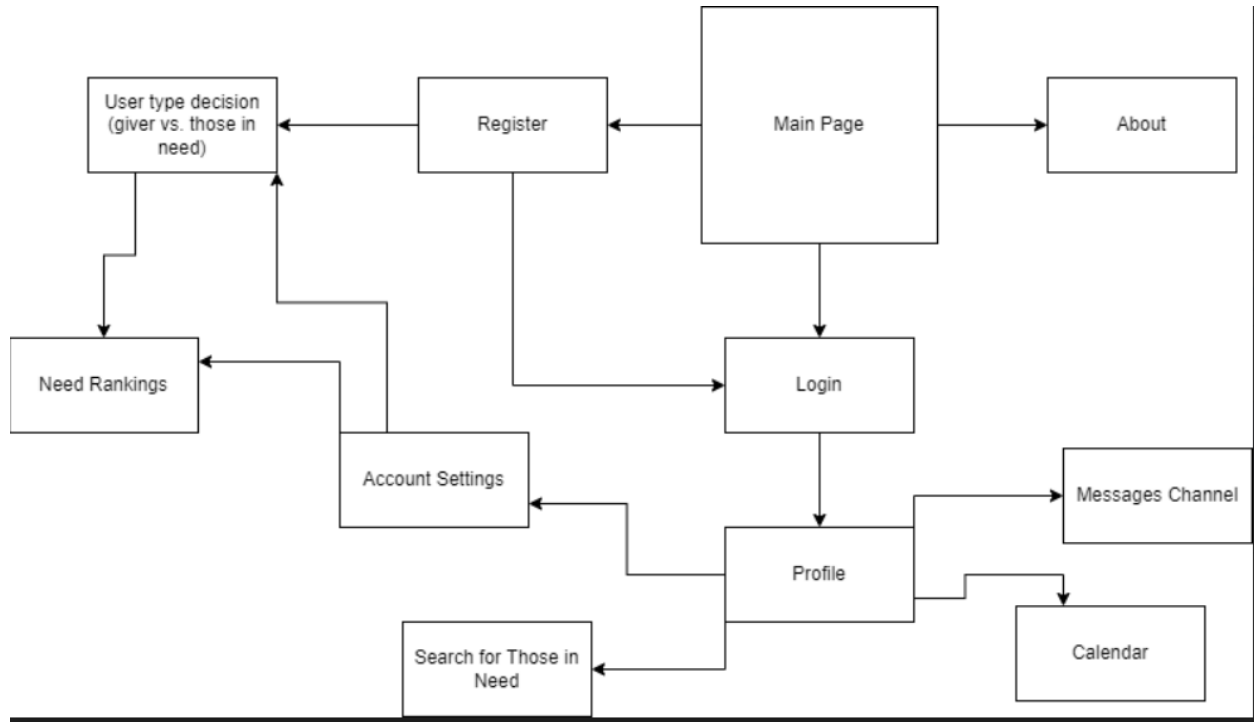


Figure 1: Basic flowchart for front-end web page navigation

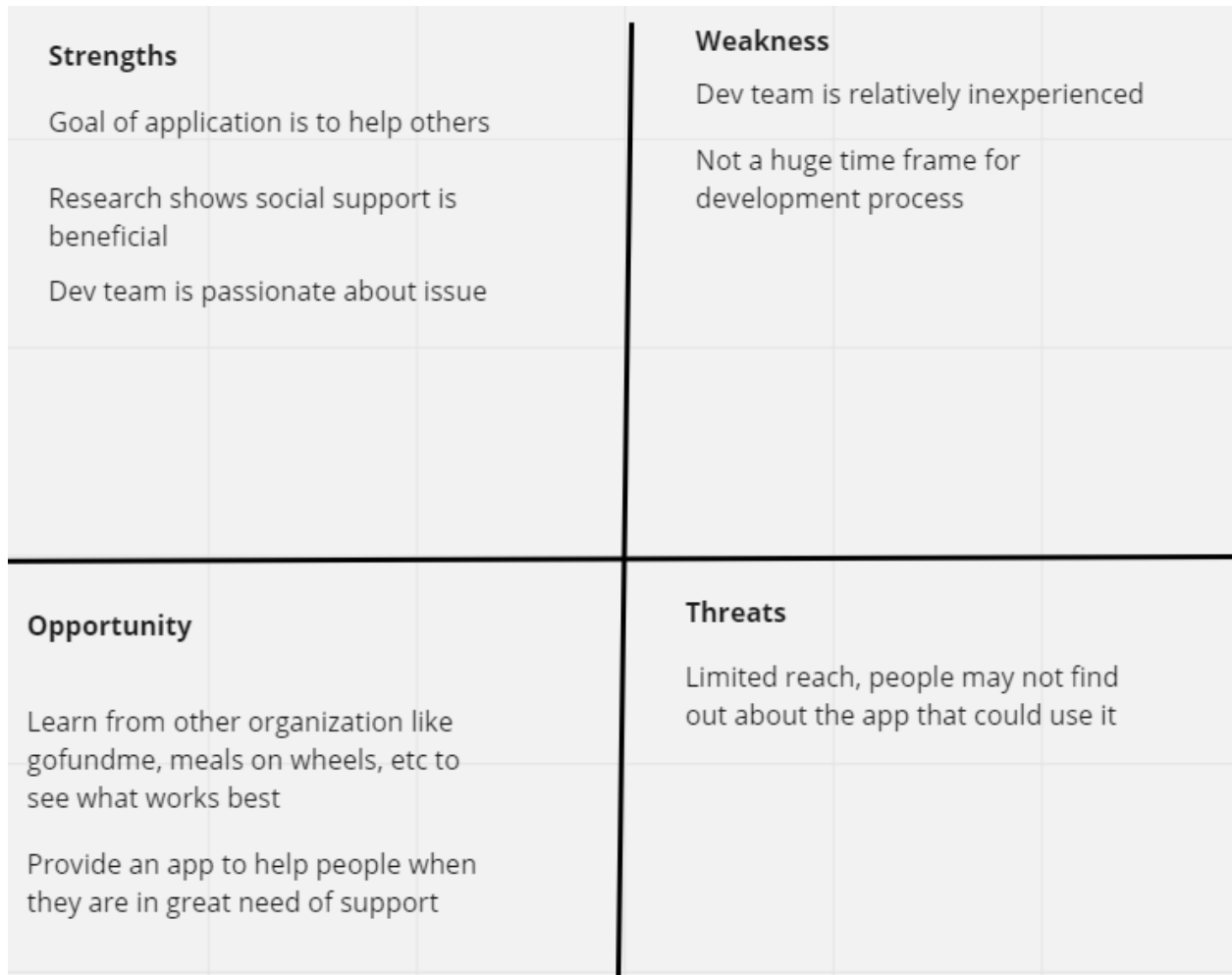


Figure 2: SWOT diagram

**Pending issues**

Samantha Culver: Not extremely familiar with coding environment so there is a steep learning curve, git pushing issues with getting code into the correct git branch in the repository, struggled to get information on server hosting options so back-end work was delayed

Kellan Hulet: Developing front end design still

Brayden Ruch: Have to discuss and decide on backend option sooner than later

Amaranthia Willers:

**Hours Worked**

Name	Hours this week	Hours cumulative
Samantha Culver	7.5	13.5
Kellan Hulet	6	12

Brayden Ruch	7	13
Amaranthia Willers	6	12

### **Comments and extended discussion**

Decided on express for backend and have plan to get vm for testing/implementation.

### **Plans for the upcoming week**

Samantha Culver:

- Continue with rough drafts for the various front-end web pages
- Work on SQL tables
- Work with team to get server hosting set up after Brayden Ruch gets access to Ubuntu host server

Kellan Hulet:

- Decide on routing library to use
- Create a basic front end design flow with components created for all different pages.

Brayden Ruch:

- Begin setup on node.js/express once we receive access to vm.
- Helping with the design of frontend flowchart/web pages
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Amaranthia Willers:

- Help with relation charting for backend
- Backend to front end communication(sockets)

### **Summary of Client Meeting**

Not applicable. The client has elected to meet on a monthly basis, and the team agrees that the meeting frequency of once a month will be enough for the time being. The team's advisor will join the team when available for the team meetings to grasp how the project is progressing and help the team make design decisions going forward.