Part 1: Group plan

Team members: Neil Nguyen <Neil.Nguyen@colorado.edu>, Rosa Chen <Yun.T.Chen@colorado.edu>, Trevor Jedziniak <Trevor.Jedziniak@colorado.edu>

Revised project description: We will be creating an application that will remind the user of when to water their plants, it will decide on the proper amount of time to water your plants based on size of garden, dryness of region, weather, etc. It will notify the user in some way so they may not forget.

Additionally, we will prototype a machine that can automatically water your plants for you in case you don't have time to do it yourself (such as too busy on wednesday to water the plants, or taking an extended amount of time away from home)

Meeting schedule: 1-2pm on Mondays, engineering building, subject to change

Group chat and documentation: Slack channel https://csci3002awp.slack.com and Google Drive for documentation

Part 2: Research plan

For our research plan, we will be conducting one-on-one interviews and sending out surveys to students.

For the one-on-one interviews, our group will be looking to interview people who have plants or gardens. People who previously had gardens or plants are also good people to interview. People who failed to maintain their plants are also good interviewees.

We will ask them questions about their watering schedule, how large their garden is, how long do they water their garden, what types of plants they are taking care of, and problems they have had while taking care of their plants.

Interviewees will be taking notes during these interviews to provide us with user stories.

For the survey, we will ask if the user is taking care of plants, or previously took care of plants. We will have questions on how often they watered their plants, how long did they usually water their plants for, whether they had cacti, vegetables, flowers, houseplants, etc., and a checklist of problems they encountered while taking care of their plants (forgot to water, did not water for long enough, over-watered, not enough free time to water) .

The online surveys will be distributed to friends and family via the web. We can send the survey through facebook groups and such. We will only consider results from people who are taking care of plants or have previously, because those who have not will be unable to answer the rest of the questions about taking care of plants.

Some members of the project group have also taken care of plants previously. We can use their experiences to help shape the development of this project as well.

Contribution report:

https://docs.google.com/forms/d/e/1FAIpQLSfVpAZwN9FSpPb0DO7mkAnWKZDeAGa0jB2_Mm

tf4OWj6KXduQ/viewform