Team 25

Project Title: Smart Garden System

Date: 10/10/2021

## Members:

Bryanna Adamson - Team Organization Lead

Julia Condon - Application Design/Frontend Lead

Jasen Helsel - Testing/IoT Lead

Sarah Schoenke - Client Interaction/Communication Lead

Devon Sindt - Embedded Systems Lead

Jake Thomae - Assistant Embedded Systems

Nick Vaughan - Scrum Master (AGILE)/Backend Lead

## What we’ve accomplished in the past week/what we’ve been researching

Bryanna Adamson - Thought through tasks and subtasks needed for project, researched what may be needed to complete a project of this scope.

Julia Condon - Began research for itemized list of hardware components

Jasen Helsel - Began researching IoT practices more deeply, and started thinking about what parts of the project need to be able to communicate with each other.

Sarah Schoenke - googled and wrote up resources and information that will be needed for us to get/ know to create our project and grow plants successfully.

Devon Sindt - Began looking at different processors so I can present a few different options to our group.

Jake Thomae - Researching existing automated greenhouse systems and brainstormed what to include in our model

Nick Vaughan - Added tasks to our sprint board, looked at viable options for implementing a backend data structure to the project.

## What we’re planning to do in the coming week

Bryanna Adamson - Continue research of smart gardens and small household greenhouses.

Julia Condon - Continue research on itemized list of hardware components

Jasen Helsel - Familiarize myself a few different IoT implementations and attempt to make a ‘hello world’ program using an ESP 8266 wifi mcu

Sarah Schoenke - Continue researching information and start talking about a design plan.

Devon Sindt - Narrow down which processor will work best for a project. We may use multiple (some sensors may have their own)

Jake Thomae - Continue researching information and start talking about a design plan

Nick Vaughan - Manage sprint boards, write preliminarily code for backend design

## Issues we had in the previous week

Bryanna Adamson - None

Julia Condon - None during this period of time

Jasen Helsel - None

Sarah Schoenke - None

Devon Sindt - Are group was being a bit to awesome, but other then that nothing

Jake Thomae - None that I can recall

Nick Vaughan - None