Meeting Notes

Attending

The second project meeting between members of the project team occurred in the Rhodes 800 Study Space @12pm on 09/25/22. See "Preliminary Proposal", "Assignment #4 – Design Diagrams", and "Tasklist" for meeting documents.

Project Team: Advisors:

Alex Campbell   **-Present Virtual**   **Dr. Rezayat**   **- N/A**
Will Hopkins   **-Present**   **Professor Bahk**   **- N/A**
Yulia Martinez   **-Excused**
Anthony Napolitano   **-Present**
Rose Saalman   **-Present**
Keith Springs   **-Present**

Announcements

- First Biweekly Meeting with Advisors is THIS Friday @5pm!!!
- Senior Design Class
  - Members have finished Assignment #4 – Design Diagrams and submitted. See file in OneDrive.
  - Assignment #5 – Tasklist is due Thursday. See OneDrive for file. Please edit and add tasks to the list. Members will have a quick 15-20min meeting to assign tasks and submit files.
  - Unresolved. Official question on whether CE and EE need to complete assignment makeups
- Weekly Goals:
  - Finish Assignment #5. Due Thursday
  - CE and EE group to research and determine specific sensors types. Finalized by Friday to present to Advisors. Meeting Time TBD.
  - CS group to research possible platforms to code app.
  - More Goals TBD.
- Finalize a weekly meeting time for whole project team.

Discussion

Preliminary Proposal:

- Document outlining the basics of the project including project goal statment

User Stories:

- Determined by project team to reflect the usage of the Application
- Identified three main uses:
    - Monitor
    - Notify
    - Control

Design Diagrams:

- Displayed the basic inputs and outputs of the system in increasing detail

Tasks:

- Created a tasklist file to be turned in for Assignment # 5
- Team members should edit and contribute to task list over the course of the week
- A group meeting will be held to divide tasks between the group members and fulfill any other assignment requirements

Types of Sensors:

- Worked on by CE and EE project members
- Research and find examples of other similar systems
- Keep in mind the positioning/frequency of sensors over an area
- What are the most optimal sensors used to promote the best plant health?
    - Vineyard specific?
- Each Person in team to pick a specific area/sensor to research
    - Keith: Water/Humidity
    - Rose:
    - Anthony:
    - Alex

App Development:

- Research Platforms to use
- Invidia Weather Monitoring AI
- Will and Yulia to edit/discuss goals

Roundtable

Items for Approval/

3 Meeting proposed for week:

- Types of Sensors
    - Approval required from (AC, AN, KS, RS)
    - To be determined in CE, EE Meeting
    - Finalized by Friday to present to Advisors

- Assignment #5 – Tasklist
  - 10-15min virtual split up tasks from tasklist and submit assignment
  - Approval required from project team
- Weekly Meeting Time
  - 20-30min check in with whole group
  - Agenda:
    - Set Goals for next week
    - Check in with all groups/progress
    - Determine presentation to advisors
  - To be determined by project team in discord, text, email
  - Friday is a good day if it is available to check in before call with advisors