Weekly Summary (Short summary about what you did this week):
The team spent a majority of the time finishing the design document. The stand for the growth chamber was created and will be used to help further the design of the cooling system. Major progress was made over spring break on the water pump system. The PCB has officially been designed and we are now in the process of getting it printed.

Past week accomplishments (please describe as what was done, by whom, when):
- Pat and Esdras finished the PCB design for the water pump system.
- Victor and Pat found suitable LED strips for the lighting system.
- Victor and Pat finished the stand for the growth chamber.
- The team finished the design document.

Pending issues:
- Despite LEDs being chosen, the order was not placed by advisor due to issues with cooling system. Also need to find power supply for lighting system.
- Austin STILL does not have card access to the senior design lab.

Individual contributions

<table>
<thead>
<tr>
<th>NAME</th>
<th>Individual Contributions</th>
<th>Hours this week</th>
<th>Hours Cumulative</th>
</tr>
</thead>
<tbody>
<tr>
<td>Esdras</td>
<td>Worked with Pat to finish the PCB design for the water pump system</td>
<td>18</td>
<td>45</td>
</tr>
<tr>
<td>Pat</td>
<td>Worked with Victor and Esdras on PCB, lighting issues, and growth chamber stand.</td>
<td>20</td>
<td>69</td>
</tr>
<tr>
<td>Yufeng</td>
<td>Purchased PVC pipe with Xinran for cooling system and tested new cover.</td>
<td>6</td>
<td>28</td>
</tr>
<tr>
<td>Name</td>
<td>Activity</td>
<td>Week</td>
<td>Total</td>
</tr>
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<tr>
<td>Romina</td>
<td>Worked on the development of the website.</td>
<td>3</td>
<td>31</td>
</tr>
<tr>
<td>Austin</td>
<td>Wired track system after meeting with Braas company</td>
<td>8</td>
<td>37</td>
</tr>
<tr>
<td>Victor</td>
<td>Found suitable LEDs for lighting system, assisted Pat with growth chamber design and made organized the design document</td>
<td>12</td>
<td>39</td>
</tr>
</tbody>
</table>

- **Plan for coming week (please describe as what, who, when)**
  - **Esdras**
    - Send the PCB to be printed
    - Order connectors that we need
    - Work on completing the design of the box where the pumps will be installed.
  - **Romina**
    - Test new water pump system and code with a single pump
  - **Pat**
    - Work on cooling system, water pump system, and LED lighting system with Victor, Esdras, and Yufeng.
  - **Yufeng**
    - Work on cooling system and box for water pump system.
  - **Victor**
    - Meet with advisor to discuss why LEDs were not ordered before spring break
    - Assist with development of the cooling system
  - **Austin**
    - Work with Xinran to start camera software for the robotic arm.
  - **Team**
    - Continue development of presentation.

- **Summary of weekly advisor meeting (if applicable/optional)**

In our weekly advisor meeting, the team discussed what needs to be done to help advance individual components for the project. The LED system was discussed in detail with the advisor and the decision was to order a specific type of LED strips before the start of spring break. The stand for the growth chamber was also presented to the advisor. The team and advisor still need to spend some time on discussing the cooling system.