

# Team Status Report 11

April 8, 2020

Team 7

| Date       | Milestone   | Status      | Changed |
|------------|---|-------------|---------|
| 9/27/2019  | Confirm the project we will be working on   | Complete    |         |
| 10/04/2019 | Define techstack for application  | Complete    |         |
| 10/11/2019 | Define project expectations with TerraFarm  | Complete    |         |
| 10/18/2019 | Full project specifications defined   | Complete    |         |
| 10/25/2019 | Hardware specifications solidified  | Complete    |         |
| 11/01/2019 | Hardware order placed   | Complete    |         |
| 11/08/2019 | Wireless interfacing capabilities of Raspberry Pi researched; Power distribution for hardware defined | Complete    |         |
| 11/15/2019 | Hardware acquired and assembled   | Complete    |         |
| 11/22/2019 | OS selected and loaded onto raspberry pi  | Complete    |         |
| 11/29/2019 | Hardware compatibility verified/resolved  | Complete    |         |
| 01/24/2020 | Interfacing behavior defined with Terrafarm and other development teams                               | Complete    |         |
| 01/31/2020 | Local driver development process started / Development environment troubleshooting done               | Complete    |         |
| 02/07/2020 | Local driver development process advanced / Prototype moved into accessible area                      | Complete    |         |
| 02/14/2020 | Drivers for sensors completed   | Complete    |         |
| 02/21/2020 | Repository created and sensor data processing development started.                                    | Complete    |         |
| 02/28/2020 | Sensor data processed and populated in CSV file.  | Complete    |         |
| 03/06/2020 | Method for sending file to server determined.   | Complete    |         |
| 03/20/2020 | --  |             |         |
| 03/27/2020 | CSV logging functionality added to pilot program  | Complete    | *       |
| 04/03/2020 | GUI functionality added to pilot program  | In Progress |         |
| 04/10/2020 | Product functionality/designed confirmed with Terrafarm   | Planned     |         |