**Sprint Three Review**

**Smart Solar Siting**

**3/11/18**

**Actions to stop doing:**

Coming late to meetings

**Actions to start doing:**

**Actions to keep doing:**

Estimating working hours based on past experience

**Work Completed:**

1. (5) As a developer, I want to be able to connect the database containing information on solar calculations to my app.
2. Set up the API and test if the calls work (4-5 hours)
3. (5) As a user, I want to be able to switch between a user interface and the real-time camera view
4. Make a UI and have a button that switches back and forth (3-4 hours)

1. (21) As a user, I want to be able to identify obstructions that would project shadows at certain angles, such as trees, buildings, etc.
2. Research methods to differentiate between the sky and an object (~10)
3. Start working on implementing methods to differentiate objects in sky(~10)
4. As a user, I want to be able to see the solar paths for every different month on the camera view
   1. Write algorithm to correctly calculate the average solar path per month, taking into account the months which should be the same (3 - 4h)
   2. Show the solar paths as different points on the camera view, with text saying which month is which (2 - 3h)

**Work Not Completed:**

1. (5) As a user, I want to be able to switch between a user interface and the real-time camera view
2. Make it look nice (1-2 hours)

**Work Completion Rate**

**Estimated Ideal Work Hours Completed:** 38

**Total Number of Days in Sprint:** 14

**User Stories/Day:** .25 (3.5 user stories)

**Ideal Work Hours/Day:** 2.71

