DATE: \_\_10/18/15\_\_\_\_\_\_\_\_\_\_\_

**INDIVIDUAL PROGRESS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Member  Name | Hours  Logged | Accomplishments | Next Week’s Goal | TA Comments |
| Michael Turner | 6 | * determined correct tiva board to use * order BeagleBone Black * found api for weather site * worked on pre-proposal | * order tiva board * start working on weather data program * work on pre-proposal |  |
| Coy Coburn | 5 | * researched/ordered BeagleBone Black, will have by Tuesday * installed and finished Android SDK tutorial * updated mentor on team progress, received advice on controller board * found Tiva board that will be for the robot’s controller | * finish pre-proposal * work on design of controller * begin building Android app |  |
| Daniel Miller | 5 | * Decided on custom battery and charging outlet for robot * Found the HS-422 Servo Motor to be used on robot * Decided on Sharp Analog Distance sensor | * Order parts * Start designing robot * Search for rechargeable batteries |  |
| Tyler Castro | 6 | * Discovered improvements to the blueprint for moisture sensor * Found a large amount of data on the absorptivity of water * Switched from 1050 nm to 1450 nm LED | * Hope to get the physical components next week, to let me test the sensor myself * Creating a simulation of the circuit is vital * meeting with Dr. Mohtar this Thursday for advice on subsystem |  |

DATE: \_\_\_\_\_\_\_\_\_\_\_

**PROJECT STATUS SUMMARY**

**MAIN ACCOMPLISHMENTS**

|  |
| --- |
| * Improved design of the soil moisture measurement circuit * Finalized controller choices for robot and main controller box * Found an api for a few weather sites |

**MAIN PROBLEMS/ISSUES**

|  |
| --- |
| * The ability to measure moisture through grass is currently in question * Begin structuring data and algorithms for setting sprinkler settings * Not all data on the weather sites is live data or accurate enough for our needs |

**TEAM DYNAMICS - Answer Y or N to each question**

|  |
| --- |
| * Are all members on schedule with their respective tasks? \_\_Y\_\_ * Are all members contributing equally to the efforts of the team? \_\_Y\_\_ * If any member is behind schedule, has this occurred consecutively more than one week? \_\_N\_\_ * Would you like to schedule a meeting with any of the TAs to address issues related to team dynamics? \_\_N\_\_ |