Task	Complete By	Dates	Effort
Jessica - Obtain a graduated cylinder to collect rain	End of Week 1	1/19/2020	2%
Smit - Obtain an ultrasonic sensor to measure water depth	End of Week 1	1/19/2020	2%
Prat - Obtain an Arduino Board to convert the positional data from the sensor	End of Week 1	1/19/2020	2%
Collin - Obtain a Wi-fi module to transmit the converted data to a database	End of Week 1	1/19/2020	2%
Jessica - Obtain wires to connect electrical components	End of Week 1	1/19/2020	2%
Prat - Find a place on campus where the materials won't be disturbed	End of Week 1	1/19/2020	2%
Smit - Connect electrical components using wires and deploy the unit on campus	End of Week 3	2/2/2020	2%
Smit & Jessica - Setup & configure a MySQL database to hold rainfall data	End of Week 5	2/16/2020	15%
Smit & Prat - Configure Python to interact with database (inserting data, retrieving, calculations)	End of Week 7	3/1/2020	30%
Prat& Collin - Design website in HTML & CSS that interacts with the backend Python code	End of Week 9	3/13/2020	20%
Collin - Enable notifications to users when there's rainfall on campus	End of Week 9	3/13/2020	2%
Prat - Provide information regarding how much different materials wear over time because of rain	End of Week 14	4/19/2020	2%
Collin - Provide weather radar map	End of Week 1	1/19/2020	2%
Smit - Provide hourly weather	End of Week 1	1/19/2020	3%
Jessica - Make mobile version of website in HTML & CSS	End of Week 12	4/5/2020	9%
Collin - Provide graphs of rainfall (by day, month, week, etc.)	End of Week 14	4/19/2020	3%

Name	Effort %
Smit	29.50%
Collin	19%
Jessica	20.50%
Prat	31%