
EE 491 Weekly Report (DEC15-19)

Week 7

Project Title: Efficient Measurement of Soil Microtopography to Aid the Verification of European Space Agency and NASA Satellite Observations of Soil Moisture

Advisor: Brian Hornbuckle **Client:** Brian Hornbuckle, ISU Agronomy and ECpE

Members (roles): Brant Walsh (Key concept Holder), Dillon McDowell (Team Webmaster), Yan Yao Chan (Team Leader, Team communication leader)

Weekly Summary

In the seventh week, the group reviewed and discussed the bill of materials with our advisor before submitting it for approval and purchase.

Meeting notes:

3/3 Group Meeting

Duration: 50 minutes

Members Present: All

Purpose and Goals: To submit the finalized bill of materials to our instructor for further approval from the department.

Achievements: The group submitted the bill of materials and completed the planning document as well as the design document in class.

Pending issues

Even though the bill of materials has been submitted, we are still waiting for approval to order the hardware required.

Plans for next week

To hopefully acquire the hardware needed for further progress in the senior design project so we can implement our project ideas.

Individual Contributions for this week

Brant Walsh (50 minutes) – Attended the weekly class session

Dillon McDowell (50 minutes) – Attended the weekly class session

Yan Yao Chan (1 hour 20 minutes) – Attended the weekly class session and completed the weekly report

Total contributions for the project

Brant Walsh (15 hours 10 minutes)

Dillon McDowell (14 hours 40 minutes)

Yan Yao Chan (13 hours 50 minutes)