

EE/CprE/SE 491 WEEKLY REPORT 2

9/29/2019 – 10/5/2019

Group Number: 17

Project Title: Development of an App for Android Smart Phone for Pavement Roughness Estimation

Client/Advisor: Halil Ceylan

Team Members:

Tanner Dempsay

Joe Van Treeck

Christian Royston

Justin Kuennen

Greg Starr

Kyle Eckrich

Weekly Summary

- Weekly meeting with client/faculty member
 - Our team met with Chen-Yeau Yu and another faculty member to better understand the exact requirements for the project and clarify any uncertainties to help write our design document.
 - Discussed our long-term plan, exchanged some basic ideas
 - Asked for any additional android smartphones so team members that don't have one can develop.
 - Develop our team plan of attack. Broke project down into smaller sub-tasks, identified who will be working on certain aspects, etc.
- Created lightning talk for project
 - Create slideshow over what our plan is for the project
 - Present the PowerPoint, turn in
- Created first draft of design document
 - Using notes from weekly meeting, team members wrote different parts of the design document

Past Week Accomplishments

- Completed lightning talk presentation
- Reflections

Individual Contributions

<u>Team Member</u>	<u>Contributions</u>	<u>Hours This Week</u>	<u>Cumulative Hours</u>
Tanner Dempsay	Researched next steps with server, facilitating work, design document, meetings	8	13
Christian Royston	Lightning talk, meetings, design doc	5	9
Joe Van Treeck	Weekly report, meetings, design document	7	12

Justin Kuennen	Lightning talk, meetings, design doc	5	9
Kyle Eckrich	Lightning talk, meetings, design doc	5	9
Greg Starr	Lightning talk, meetings, design doc	5	9

Plans for the Upcoming Week

- Establish GitLab protocols for project work.
 - Invite advisors to project so they can share work
- Begin experimenting with code, creating some projects
 - Get base level experiments to start with proof of concepts.