

Project Goals

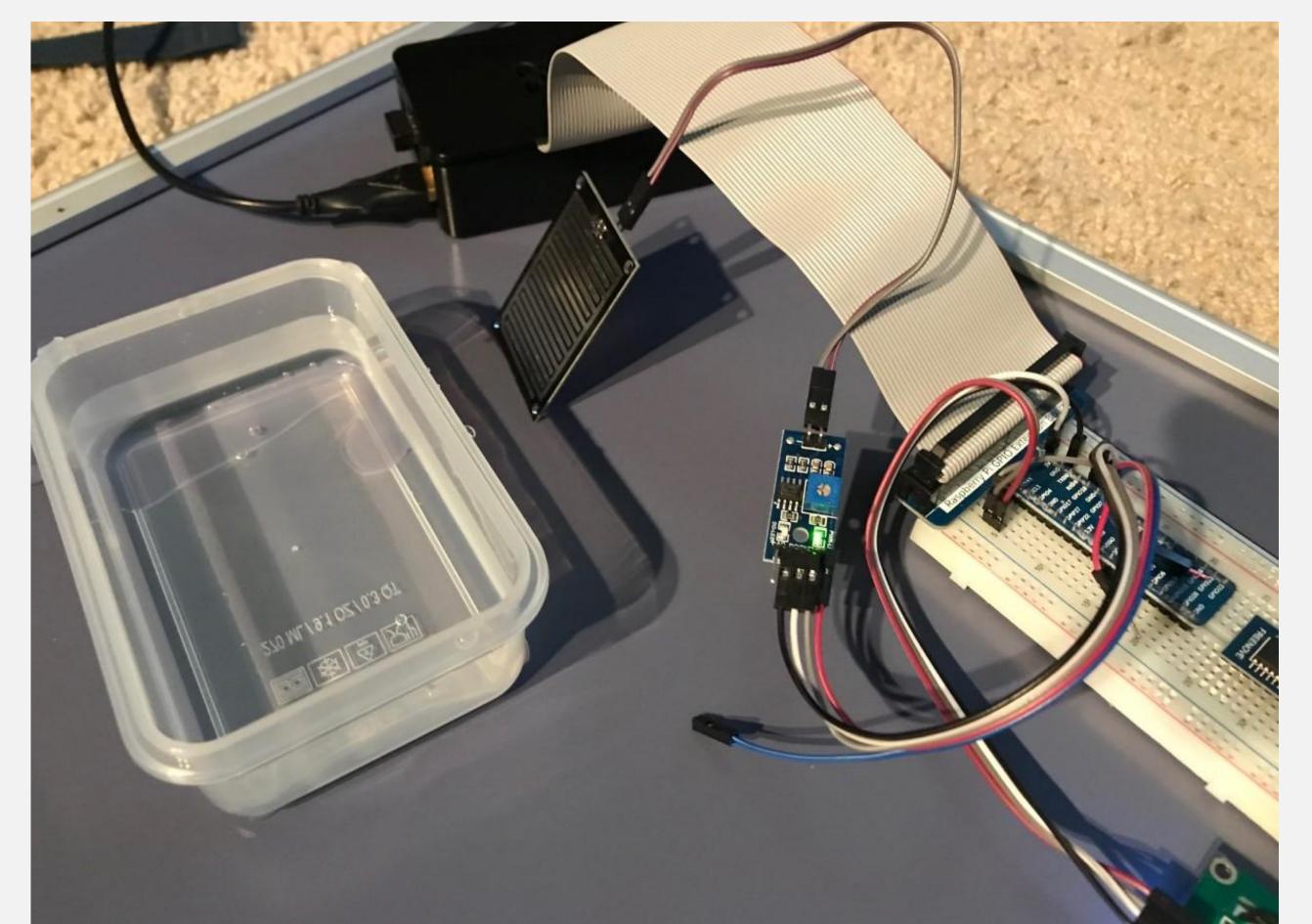
The Smart Speed Limit Sign (SSS) is designed to help mitigate the excessive amount of accidents scattered throughout the United States. By taking in various inputs from the surrounding environment, the SSS will be dynamic in nature and simple to follow

Progress

✓ Wired rain sensor to Raspberry Pi and tested outputs in response to the amount of liquid.

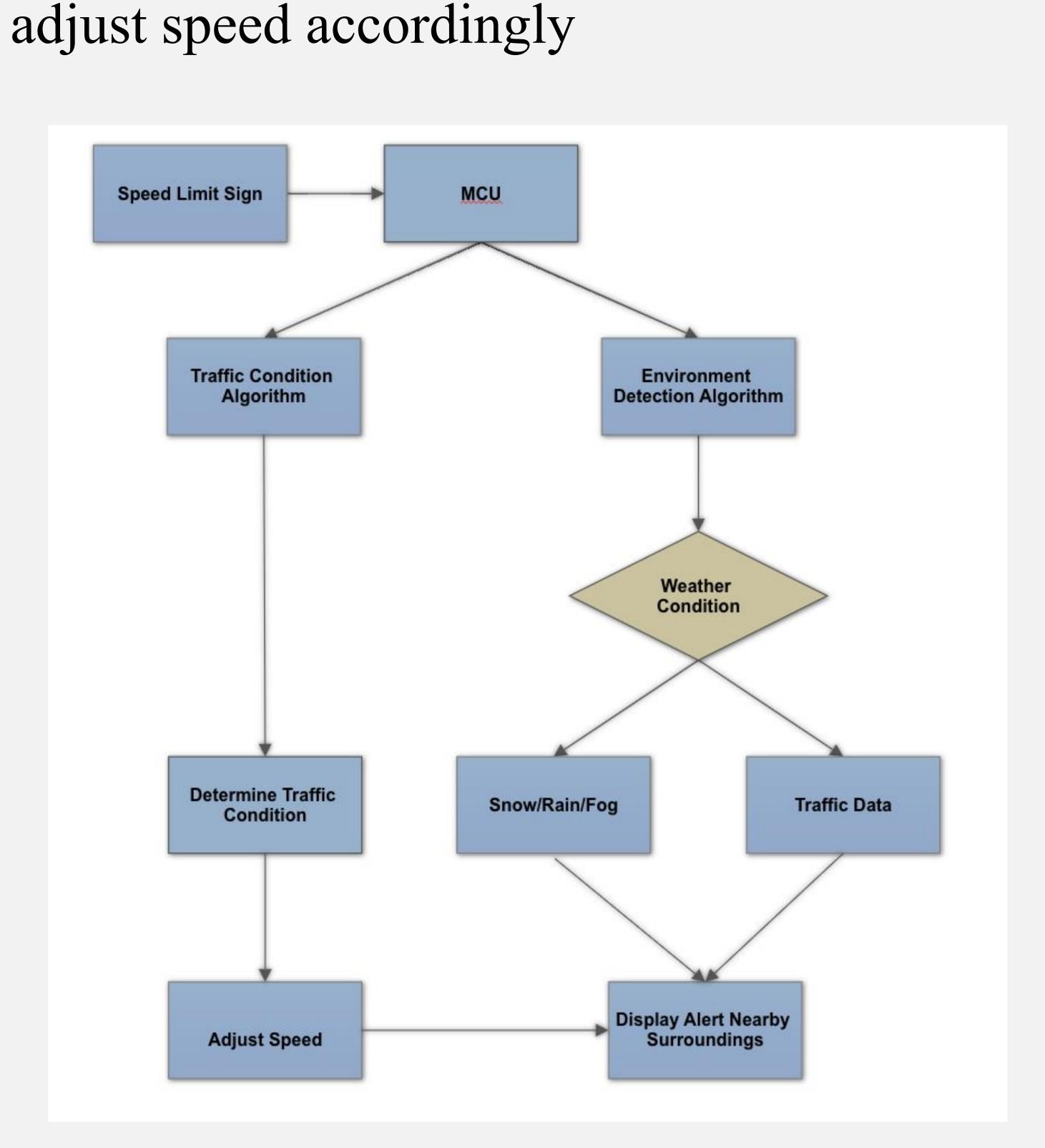
✓ Written code that demonstrates temperature input interfacing with console output

Formulated ideas/written pseudo-code to imitate how our other sensors will detect specific weather conditions like fog and traffic



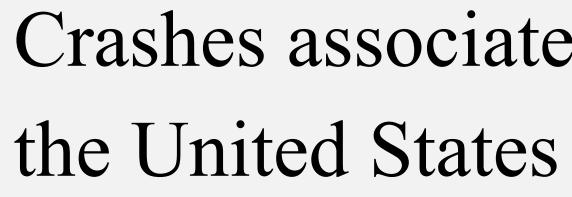
Smart Speed Limit Sign Team members: Kevin Chew, Benjamin Ng, Daniel Bruno, Ingrid Füzesi Professor Pooria Mohammadi Yaghini Department of Electrical Engineering and Computer Science

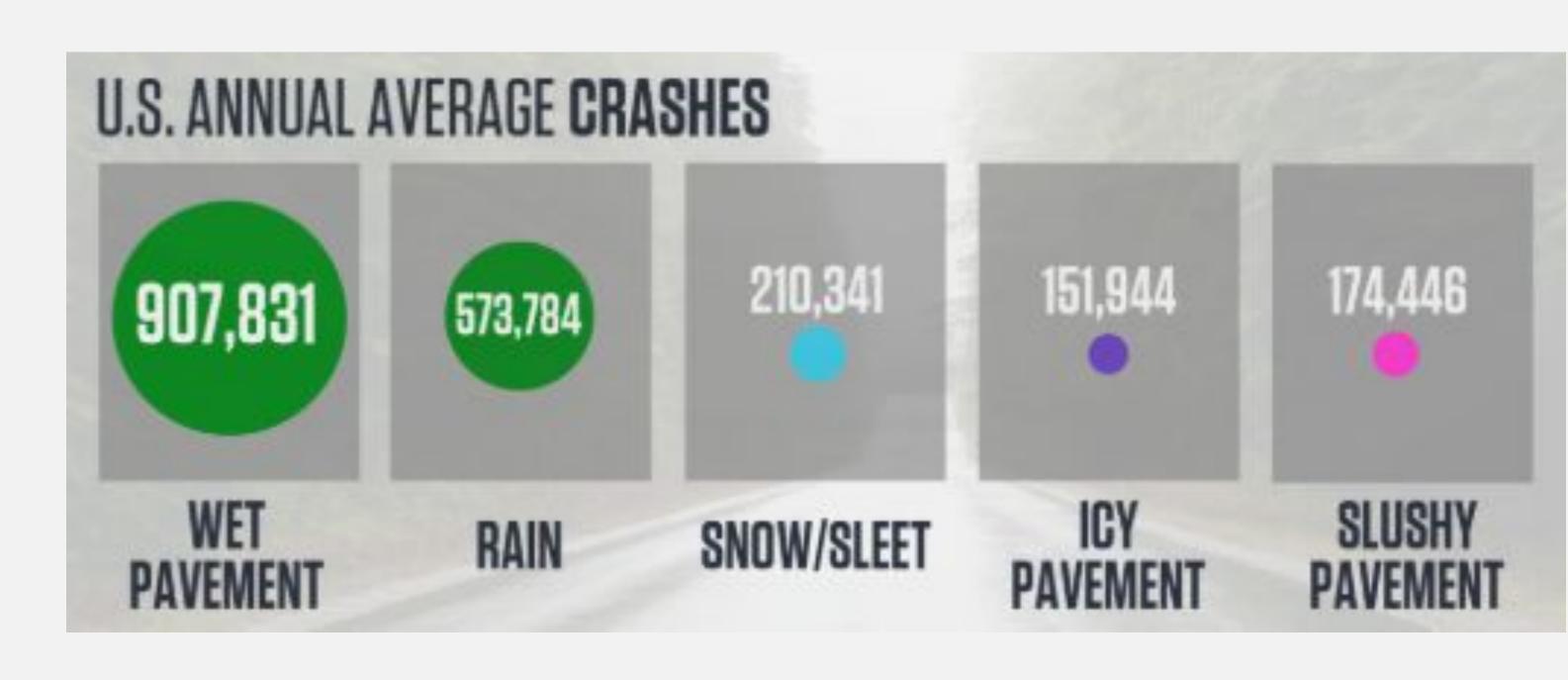
Control Flow



	PROJECT WEEK:		11	12
1	Project Conception and Initiation	- Group Assigned - Topic Brainstorm - Research		
2	Project Definition and Planning	- Proposal - Schedule - Schedule		
3	Project Launch & Execution	- Identify Team Roles - Individual Status Reports - Team Status Reports - Draft		
4	Project Performance & Control	- Instructor Meetings - Revisions		
5	Project Close	- Final Draft - Practice Presentations - Final Presentations - Team Evaluation - Member Evaluation		

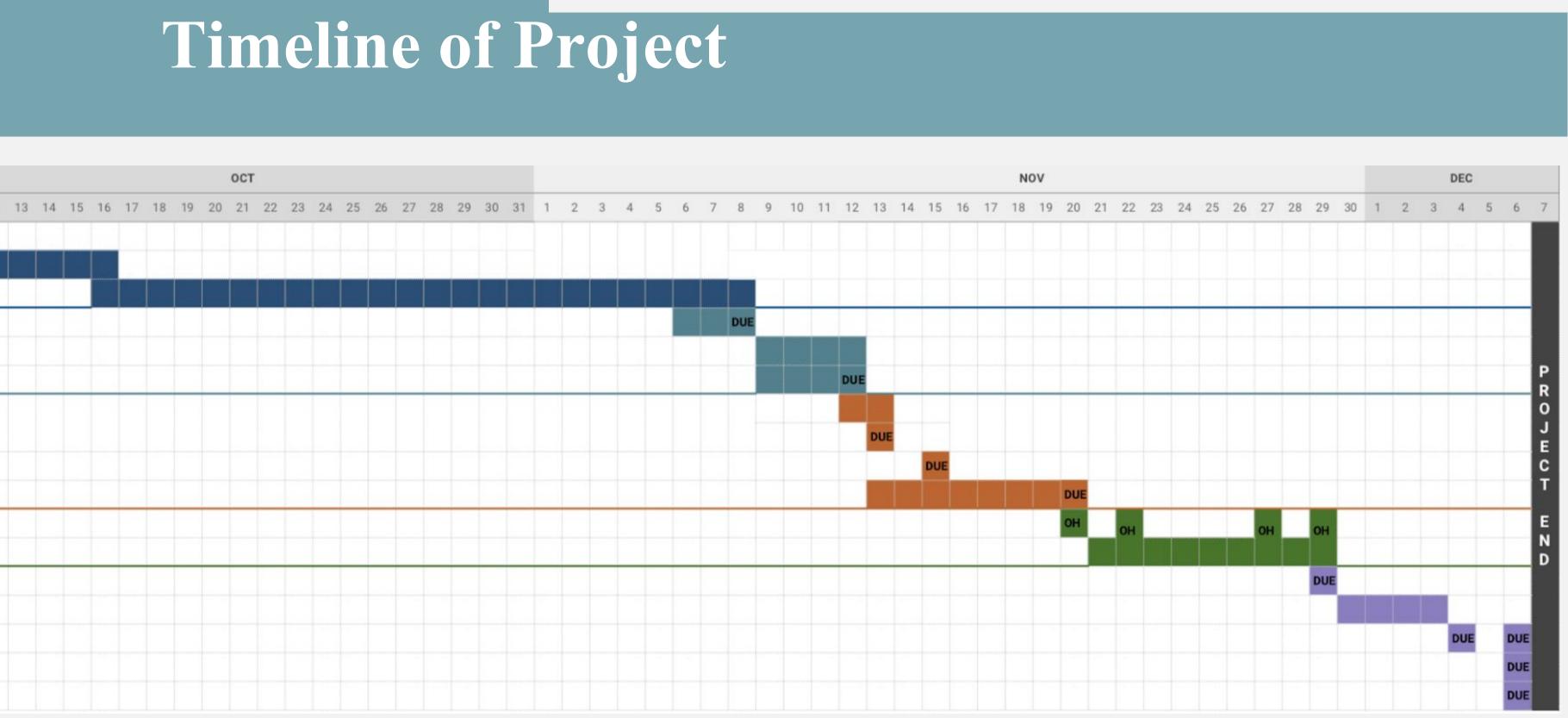
Visual representation of the SSS software layout, which will determine environment and





Challenges and Ambitions

- Humidity vs Visibility
- Traffic monitoring



Motivation

Crashes associated with only rain and snow in

• Distinguishing environment attributes

• Enclosing every part into one, clean design • Syncing with smart and modern car technology