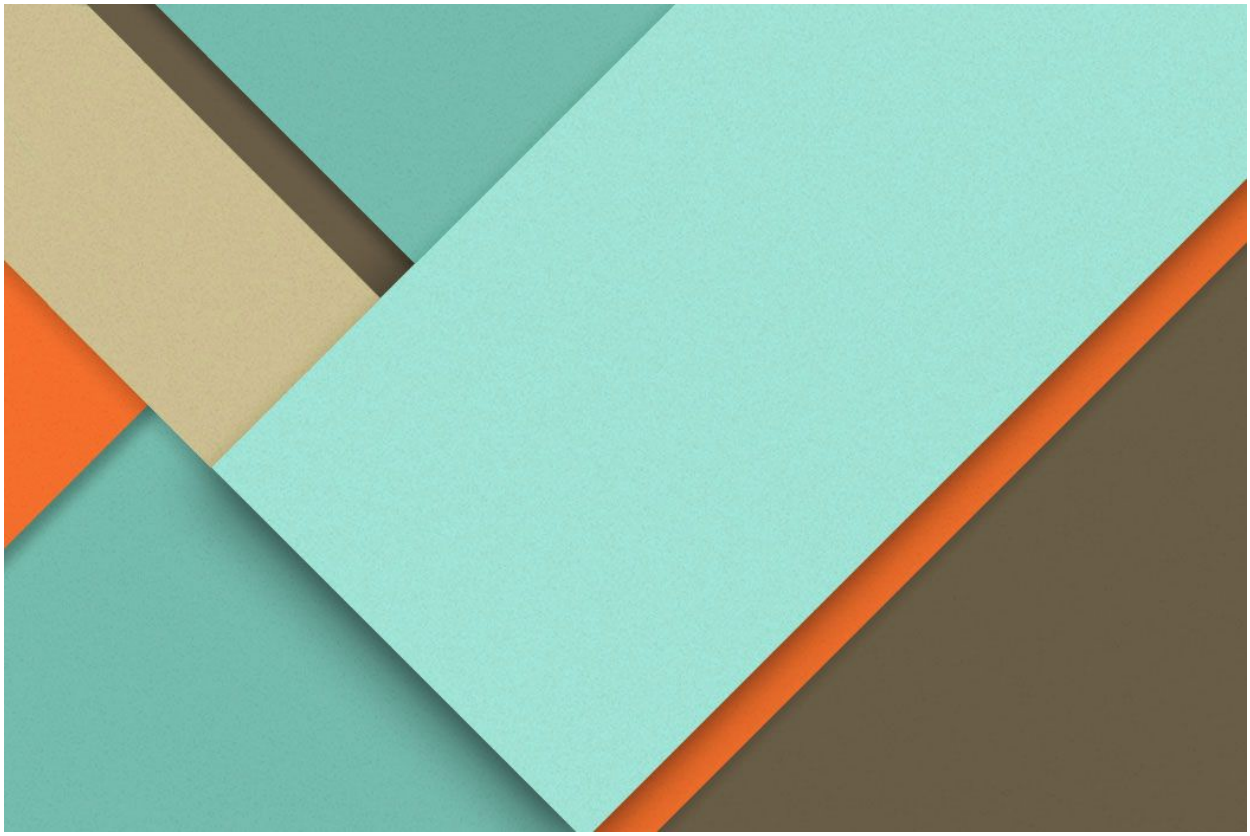


Autonomous Vehicle Challenge 2017 (AVC) Proposed Plan

5 May 2017

Group at Monday 4PM

Team Clap Trap

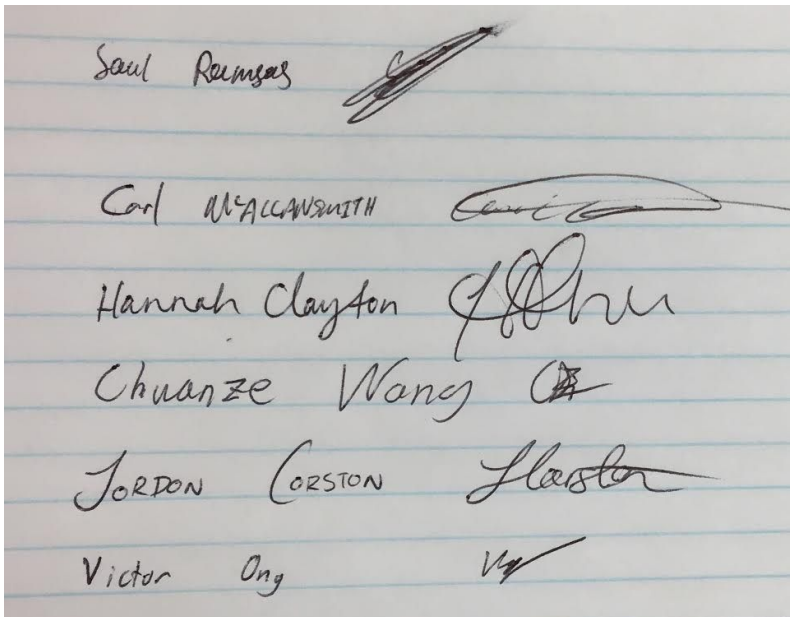
Hannah Clayton: h.j.aclayton@gmail.com 0211270304
Jordon Corston: jordoncorston@gmail.com 02102860571
Carl McAllansmith: carl.mcallansmith@gmail.com 0226384099
Victor Ong: vogog2@gmail.com 0275130747

Chuanze(Charlie) Wang: andywcz@live.com02102254815
Saul Ramsay: ranbowpotatoes@gmail.com 0221512350

Team Agreement

By signing below, all team members are acknowledging that they have read and committed to their part in the AVC. They acknowledge that they will attempt to complete the tasks agreed on by the group each week and document this on the team github account. They acknowledge that failure to meet these goals can result in the team recommending any member receives a lesser grade for their AVC report. In the event that a team member is unable to complete their task due to circumstances beyond their control (i.e. sickness, bereavement etc) that they will inform the team at the earliest possible time. Finally, the team acknowledges that a member going a week without contact with other team members (except when discussed with the team in advance) will constitute the member in question being considered AWOL. In this instance the team agrees to inform the ENGR101 course co-ordinator immediately. The penalty this for this can range from a reduction in the nal grade to immediate failure of the AVC (and thus the ENGR101 course). Should the team unanimously agree that a member (or members) have failed to contribute to the AVC sufficiently for other reasons, on the day of robot testing the team will be given the opportunity to anonymously vote for a team member to receive 0% for the robot part of the AVC. Should the team choose this option they MUST be able to show that the member in question had been assigned tasks that they failed to complete and that the team had a ordered them an opportunity to make up for past mistakes.

Signed by all team members: 01/05/17



Communication Tool: Email and Github
https://github.com/CGMcAllansmith/AVC_CLAP-TRAP_T12017/

https://ecs.victoria.ac.nz/foswiki/pub/Courses/ENGR101_2017T1/LectureSchedule/AVC.pdf

Overview

Weekly Meetings - Monday 4pm, Thursday 5pm.

RPi ip address

Member's Objectives

Hannah Clayton - Software and documentation (documenting performance against milestones)

Jordon Corston - Software Architect (writing core code and extending functionality)

Carl McAllansmith - Project lead and hardware support (organising team meetings, reporting regularly on progress)

Victor Ong - Software (software testing and documentation (debugging software and committing to git, writing test cases)

Charlie Wang- Assembly (building the chassis, testing components, connecting sensors)

Saul Ramsay - Hardware (CAD designing components and general electronics, debugging hardware)

Team Conflicts

Exams -

<table>
<tr><td>Name

All</td><td>Exams

3 May 6pm - ENGR101</td></tr>
<tr><td>Hannah</td><td>
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<tr><td>17-Jun-2017</td><td>Sat</td><td>09:30</td><td>NWEN241</td></tr>
<tr><td>26-Jun-2017</td><td>Mon</td><td>09:30</td><td>MATH151</td></tr>
<tr><td>03-Jul-2017</td><td>Mon</td><td>09:30</td><td>SWEN221</td></tr>
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<tr><td>Carl</td><td>26 May ENGR121 Test</td></tr>
<tr><td>Jordon</td><td>
<table>
<tr><td>21-Jun-2017</td><td>Wed</td><td>14:30</td><td>ENGR121</td></tr>
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<tr><td>Charlie</td><td>26 May ENGR121 Test
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</td></tr>
<tr><td>Saul</td><td>
<table>
<tr><th>Date</th><th></th><th></th><th>Course</th><th>Name</th></tr>
<tr><td>21-Jun-2017</td><td>Wed</td><td>14:30</td><td>ENGR121</td><td>Eng Math Foundations</td></tr>
<tr><td>29-Jun-2017</td><td>Thu</td><td>14:30</td><td>PHYS114</td><td>Physics 1A</td></tr>
<tr><td>30-Jun-2017</td><td>Fri</td><td>14:30</td><td>COMP102</td><td>Intro to Comp Prog Design</td></tr>
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Work/home life -

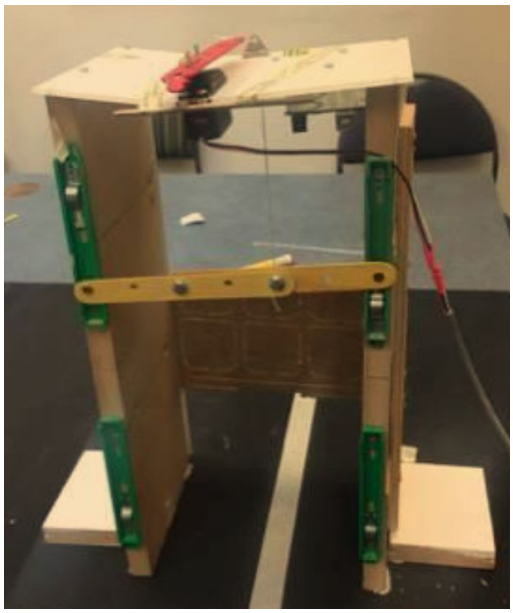
Name	Conflict(s)
Hannah	Work all day Sunday
Carl	Work - weekdays between 12-5pm.
Jordon	Friday 3 onwards. Weekends.
Charlie	/
Victor	Work - Friday 3-7pm, Sunday 10am-7pm
Saul	/

Milestones

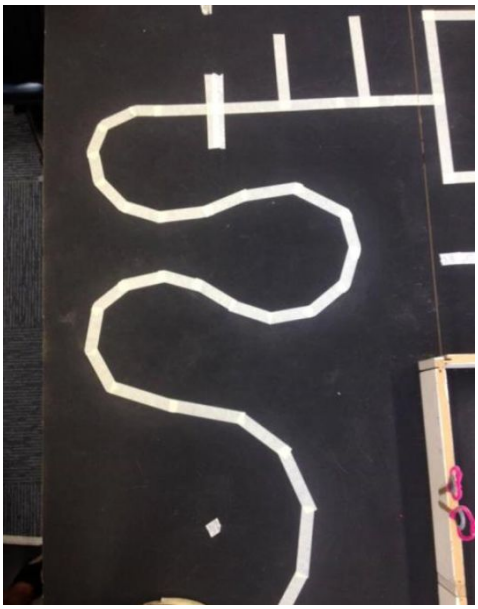
Week	Dates	Team Objectives	Items Due	Tasks	Notes
1	1 May	Intro	AVC plan due 5th May 12pm	Arrange team meetings, all sign agreement, set up git-hub	Team meetings: Thursdays start at 5pm Git-hub: https://github.com/CGMcAllansmith/AVC_CLAP-TRAP_T12017/invitations
2	8 May	Quadrant 1	Progress Report Due - 12 May	Final chassis design, implement sensor, straight line code done	
3	15 May	Quadrant 2			
4	22 May	Quadrant 3			
5	29 May	Quadrant 4			

6	5 June				
7	12 June		Robot due		
8	19 June		Final Report due - 19 June		

Quadrant 1:

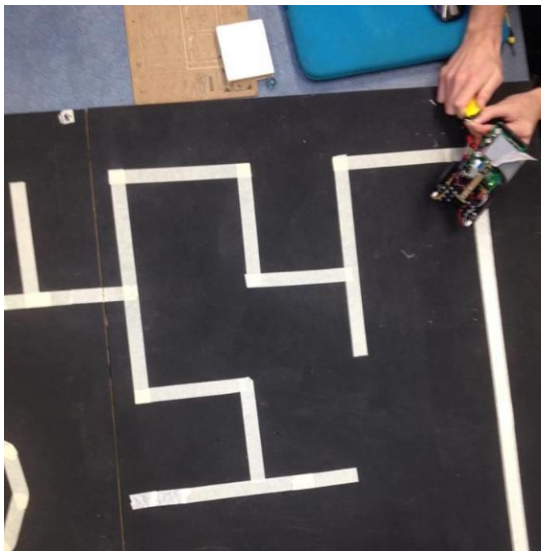


Quadrant 2:



Quadrant 3:

Quadrant 4:



Problems Log:

Problem	Ideas on how to solve