AVC Plan

# Team Name: 35

# Team Members & contact info:

Aaristarcus Baskaran | Email: [baskaraari@myvuw.ac.nz](mailto:baskaraari@myvuw.ac.nz) | Discord: AarisBaskaran#2505

Charles Erasmus **|** Email: [erasmuchar@myvuw.ac.nz](mailto:erasmuchar@myvuw.ac.nz) | Discord: Caverasmus#9565

Calvin Herbert | Email: [herbercalv@myvuw.ac.nz](mailto:herbercalv@myvuw.ac.nz) | Discord: Ventrix#3375

Aidan Lim | Email: [limaida@myvuw.ac.nz](mailto:limaida@myvuw.ac.nz) | Discord: WillPowerme#5321

Marius Minnie | Email: [minniemari@myvuw.ac.nz](mailto:minniemari@myvuw.ac.nz) | Discord: D47kB70th37#2147

# Communication tool:

Discord / Email

# Roles:

Project Manager: Calvin Herbert

1. Sets up regular meetings
2. Controls communication
3. Reports regularly
4. Combines team documentation
5. Communication documentation

Program Architect: Aaristarcus Baskaran

1. Plans out code
2. Writes core of code
3. Extends functionality
4. Documents issues and changes

Program Developer: Charles Erasmus

1. Writes Code
2. Assists Program Architect
3. Bug fixes
4. Documents issues and changes

Program Developer: Marius Minnie

1. Writes Code
2. Assists Program Architect
3. Bug Fixes
4. Documents issues and changes

Tester: Aidan Lim

1. Prepares trial run conditions
2. Tries to break program
3. Identifies possible solutions
4. Documents performance against milestones

GitHub: https://github.com/Aaris-Baskaran/ENGR101-AVC-Team35

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Objectives | Due date | Item due | Conflicts | Tasks |
| 3 June | Start the Project | 4 June | Plan |  | All - Complete AVC plan  All - Tests all installations.  Tester - Write test cases for the team  Project Manager - Ensures Plan is done.  Help to install SFML on all team computers |
| 4/5 June | Start Core Code | 9 June | Core Code |  | Architect - makes outline and basic program for robot.  Developers - writes main code.  Tester – check new updates of edited code on GitHub, and debug if necessary.  Project Manager - organises meeting and documents overall progress. Plan next meeting  Tester - Debug software if  Robot is not fit for the circuit  All – report and document progress to GitHub as we go. |
| 9/10 June | Start Completion | 15 June | Completion code |  | Architect - makes outline and basic program for robot. If finished, then maybe jump to make outline of program for challenge, and then return to help developer with core and completion.  Developers - write main code.  Tester – check new updates of edited code on GitHub, and debug if necessary.  Manager - Help debug & check report, plan meetings for  following week  All – report and document progress to GitHub as we go.  Tester - Checks code for Q1&2  enables robot to completes  circuit, debug/fix if  necessary  Project Manager - organises meeting and document overall progress. |
| 15/16 June | Start Challenge | 18 June | Challenge Code |  | Architect – once outline is finished, help developer with writing main code.  Developer – Finish writing program for Robot.  Tester – check new updates of edited code on GitHub, and debug if necessary.  Manager - Help debug & check report, plan meetings  Tester – check code for Challenge. Ensure the robot completes circuit, debug/fix if necessary.  Manager – organise final meeting and document overall progress. |
| 19 June | Final Checks | 19 June | Finished AVC Project |  | All – join final meeting, do final checks, write final documentation.  Submit AVC Code |