Team Pashmam

Team Pashmam was established in 2019 Melbourne, Australia consisting of two members,

(Georgios) George and Reza (Koosha). Each member plays a different role in the team George handles the engineering and hardware while Koosha programs and operates the software side of the project.

Past experiences:

* Team Pashmam first competed in 2019 secondary rescue regional (Melbourne) where they were able to come second.
* After that Team Pashmam was able to use their experiences to come first in the state (Victorian) competition. (Rescue secondary open).
* Finally for the last in person experience team Pashmam was able to achieve first place in the nationals (Australian) competition in 2019.
* Team Pashmam attempted to compete in 2021 virtual internationals.
* Rescue open nationals (Australia) 2021 virtual.

Apart from experiences as a team both George and Koosha have their own experiences in the past as well such as competing in the WRO events at a young age.

Members meet regularly at least once a week to work on the robot however this could be as often as daily during the school holidays. Team members communicate through the shared documents such as google doucs, GitHub and various forms of social media outside of their routine meetings in order to share the progress and the engineering journal.

4x DC 6v 380:1 Geared Motors from Pololu $37.3 AUD Each

2x DC Motor Driver (TB6612FNG) $7.5 AUD Each

2x Voltage regulator $7 AUD Each

1x 7.4 Lithium Polymer Battery $27 AUD

5x 225-degree servos (Turnigy tgy-225mg) $9 AUD Each

1x QTRX-MD-13A Reflectance Sensor Array: 13-Channe $38 AUD

1x Analog to dc translator $37.5 AUD

2x PiicoDev Colour Sensor VEML6040 $7.45 AUD Each

3x PiicoDev Laser Distance Sensor VL53L1X $19.60 AUD Each

1x Megapixel 720p USB Wide-angle Camera $35.25 AUD

1x raspberry pi 4B $115 AUD

Total:

Engineering journal

January

20/1/2022

* Meeting:
* meet up to discuss the competition and require meant.
* Assigning tasks to each team member. such as designing gathering information and requirements.

27/1/2022

* Meeting:
* Each team member represented their tasks and solutions for further discussion.
* Planning the requirements and tools such as raspberry pi, sensors and … (For more checkout [teampashmam.com](https://teampashmam.com/))
* George 🡺 Building a website for team Pashmam.
* Sketching the first plan of the robot.

February

3/2/2022

* George:
* Purchasing a domain and hosting it with WordPress.
* Creating Gmail, for Team Pashmam and starting a YouTube channel.
* Koosha:
* Designing a prototype with fusion 360 for the robot based on requirements discussed during the last meeting. Available at out YouTube page {{Link}}

7/2/2022

13/2/2022

24/2/2022

29/2/2022

March

3/3/2022

4/3/2022

5/3/2022

9/3/2022

14/3/2022

18/3/2022

25/3/2022

29/3/2022

April

1/4/2022

2/4/2022

3/4/2022

7/4/2022

10/4/2022

20/4/2022

25/4/2022

May

2/5/2022

4/5/2022

5/5/2022

10/5/2022

14/5/2022

15/5/2022

16/5/2022

20/5/2022

24/5/2022

29/5/2022

June

5/6/2022

7/6/2022

9/6/2022

10/6/2022

14/6/2022

15/6/2022

20/6/2022

26/6/2022

27/6/2022

29/6/2022

July

5/7/2022

7/7/2022

9/7/2022

10/7/2022

14/7/2022

15/7/2022

20/7/2022

26/7/2022

27/7/2022

29/7/2022