2023

RCJA 2023 Rescue Line, Rescue Maze and Soccer Technical Description Paper

Team Information:
Challenge/Division:
Team Name:
School:
State/Territory:
Team Member Names: If any team member had a specific role, please include this below.
Member 1:
Member 2:
Member 3:
Member 4:
Member 5:

Robot Properties (200 words recommended maximum, plus components list (if applicable))

Please describe the software (e.g. EV3 Block Code, Python) and hardware (e.g. Spike Prime, EV3, Raspberry Pi) you have used for your robot.

For each piece of software/hardware used, please give it a star rating out of 5 (1=very bad, would not recommend to other teams, 5=very good, would strongly recommend to other teams).

If you have used custom electronics for your robot, please include specific model/part numbers or web links, and a star rating for each.

Collaboration (100 words recommended maximum)

Please describe if your team has used any methodologies, software or systems to aid collaboration (working together). This could be related to the design, construction or programming of the robot(s).

It is the overall desire of RoboCup Junior events that any technological and curricular developments will be shared with other participants after the event. Any developments including new technology and software examples, may be published on the RoboCup Junior website after the event, furthering the mission of RoboCup Junior as an educational initiative.

Key Achievement & Area for Improvement (300 words recommended maximum)

Please describe one aspect of your robot your team is particularly proud of, and one aspect you would like to further improve.

Photos and Design Documentation (100 words recommended maximum, plus images)
If there is a design drawing of the robot or if you have photos or notes of the development process, please provide these as proof of your team's learning.