DMX RDM

DESCRIPTION

The purpose of our Project Name is to use the algorithm to solve a maze. We have added connectivity functionality to manually control the Project Name with an Android App.
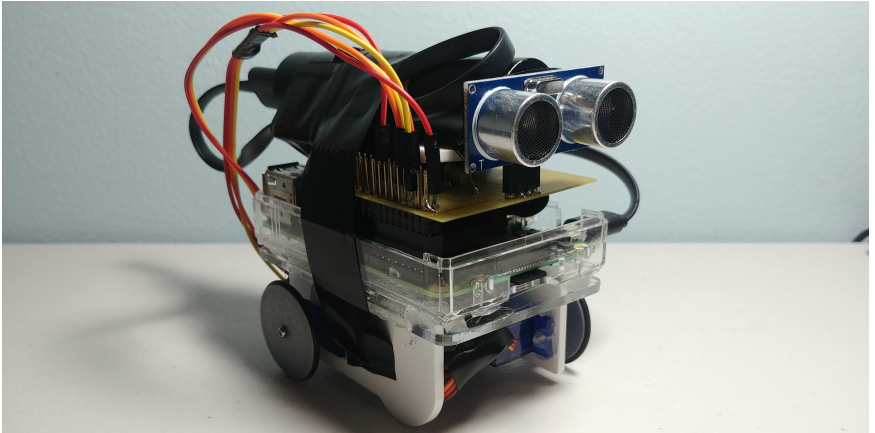
We also use a database to store data over time, so that the algorithm can solve it faster the second time around.

SPECIFICATIONS

SERVO MOTORS
ARM DEVELOPMENT BOARD
5V VOLTAGE REGULATOR
EMITTERS/DETECTORS

FIRSTNAME LASTNAME
FIRST2 LAST2
FIRST3 LAST3

PIROVER

DESCRIPTION

The purpose of our PiRover is for search and rescue purposes and any other exploring activities. We have added connectivity functionality to manually and automatically control the PiRover with an Android App.

It also uses a Database which stores the user's credentials and dedicated serial number for personal preferences.

SPECIFICATIONS

RASPBERRYPI 3
MICRO SERVO MOTOR
ULTRASONIC SENSOR
LASERCUT CHASIS
3D PRINTED WHEELS

CHRISTOPHER ALBARILLO

LAWRENCE PUIG

PATRICK NG

SOIL MOISTURE

DESCRIPTION

The purpose of our Project Name is to use the algorithm to solve a maze. We have added connectivity functionality to manually control the Project Name with an Android App.
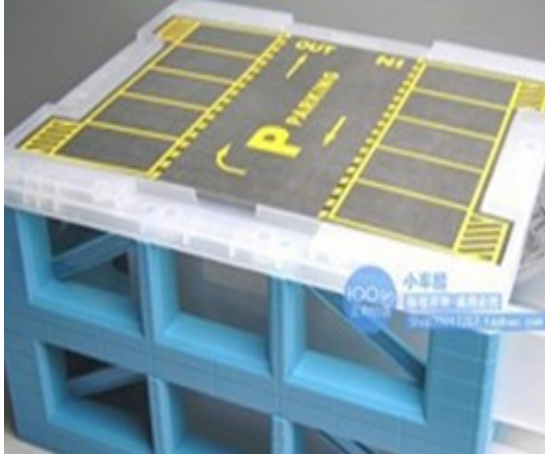
We also use a database to store data over time, so that the algorithm can solve it faster the second time around.

SPECIFICATIONS

SERVO MOTORS
ARM DEVELOPMENT BOARD
5V VOLTAGE REGULATOR
EMITTERS/DETECTORS

FIRSTNAME LASTNAME
FIRST2 LAST2
FIRST3 LAST3

PARKING LOT

DESCRIPTION

The purpose of our Project Name is to use the algorithm to solve a maze. We have added connectivity functionality to manually control the Project Name with an Android App.

We also use a database to store data over time, so that the algorithm can solve it faster the second time around.

SPECIFICATIONS

SERVO MOTORS
ARM DEVELOPMENT BOARD
5V VOLTAGE REGULATOR
EMITTERS/DETECTORS

FIRSTNAME LASTNAME
FIRST2 LAST2
FIRST3 LAST3

PASSIVE HOUSE

DESCRIPTION

The purpose of our Project Name is to use the algorithm to solve a maze. We have added connectivity functionality to manually control the Project Name with an Android App.
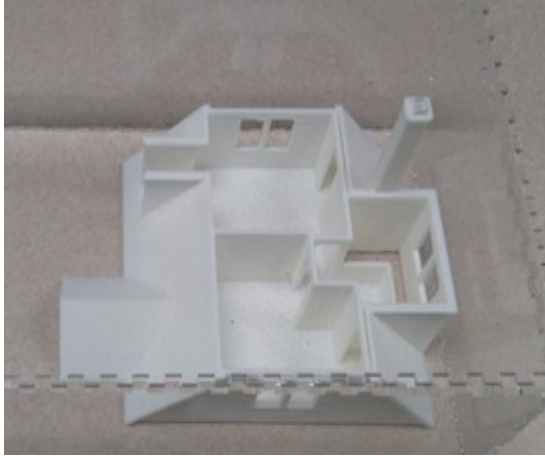
We also use a database to store data over time, so that the algorithm can solve it faster the second time around.

SPECIFICATIONS

SERVO MOTORS
ARM DEVELOPMENT BOARD
5V VOLTAGE REGULATOR
EMITTERS/DETECTORS

FIRSTNAME LASTNAME
FIRST2 LAST2
FIRST3 LAST3

QR/RFID

DESCRIPTION

The purpose of our Project Name is to use the algorithm to solve a maze. We have added connectivity functionality to manually control the Project Name with an Android App.

We also use a database to store data over time, so that the algorithm can solve it faster the second time around.

SPECIFICATIONS

SERVO MOTORS
ARM DEVELOPMENT BOARD
5V VOLTAGE REGULATOR
EMITTERS/DETECTORS

FIRSTNAME LASTNAME
FIRST2 LAST2
FIRST3 LAST3