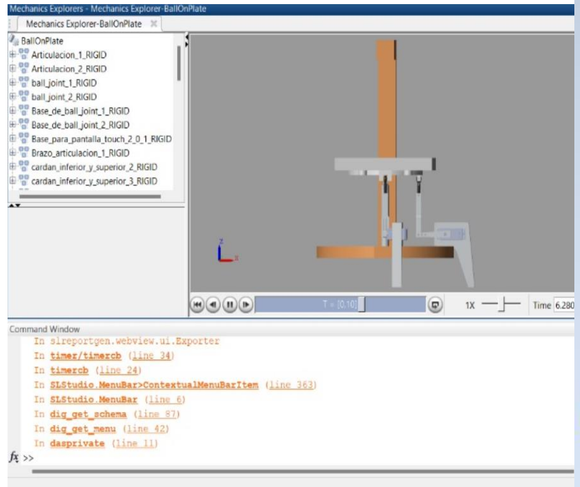
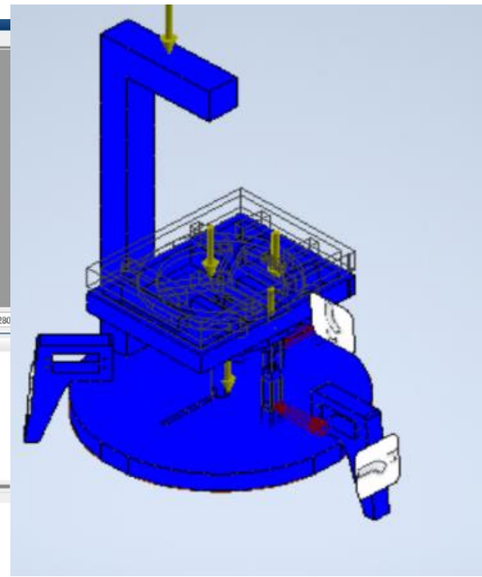
Maze solver

INTRODUCTION

This project creates a website-controlled Wi-Fi maze solver. An ESP32 transmits data to a website interface. The user on the website controls the robot's movement through the maze with two servo motors connected to an Arduino Nano based on information received from the ESP32.





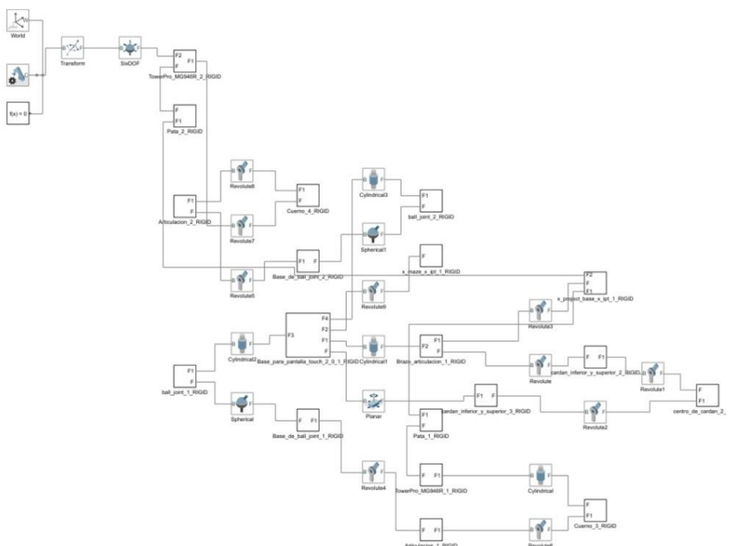
COMPONENTS

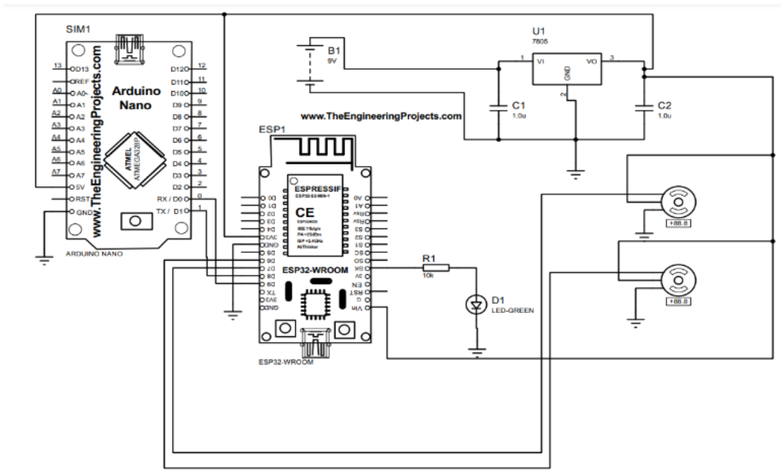
❖*arduino* ❖*Servo motors Esp32 cam* ❖ *Breadboard*

❖ *Jumper wires* ❖ *Power source* ❖ *Voltage regulator*

❖*ESP32-CAM* ❖ *Maze structure (constructed using wood, plastic)*

❖ *Small ball or sphere*





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