

Fighting Robot project plan

By : Shouq Almutairi



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01

PROJECT PLAN



Project Idea:

The purpose of this project is to create a robot that can be controlled remotely to have a fight between each other on who will pop the balloon first.

Plan

Make the 3D model
for the base and
the arm

Design an
electric circuit

Control the arm

Create a web
interface for the
controllers

02

TASKS DISTRIBUTION





Distribution

Mechanical

- Design the End-effector
- Design the base
- Printing the models
- Assemble the robot

IOT

- create the interface
- connect the interface to a database

Electronics

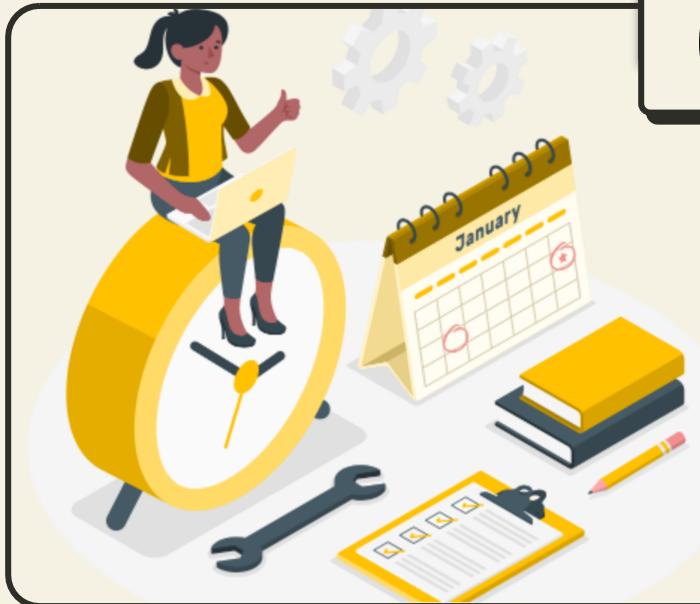
- Choose the motors
- Create the circuit
- Program the circuit to the initial position

AI

- Use ROS to connect the robot to the interface
- Use simulation to the arm

Industrial

- making weekly meetings
- making the user manual
- Making the industrial scenario



03

PROJECT TIMELINE



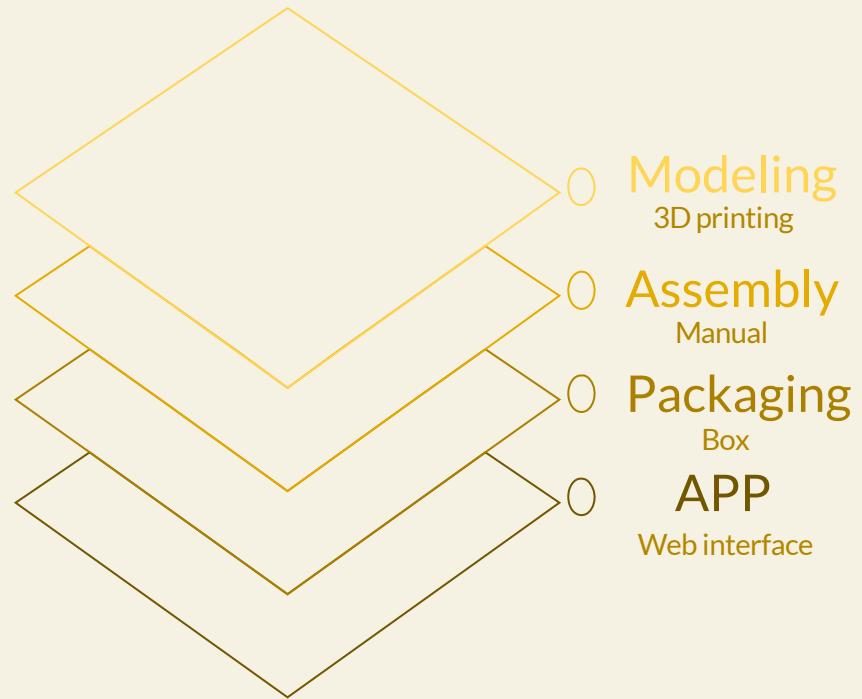
Project timeline





PRODUCTION LINE





Production line

Thanks!

Do you have any questions?

Shoqkhalidd@gmail.com

