

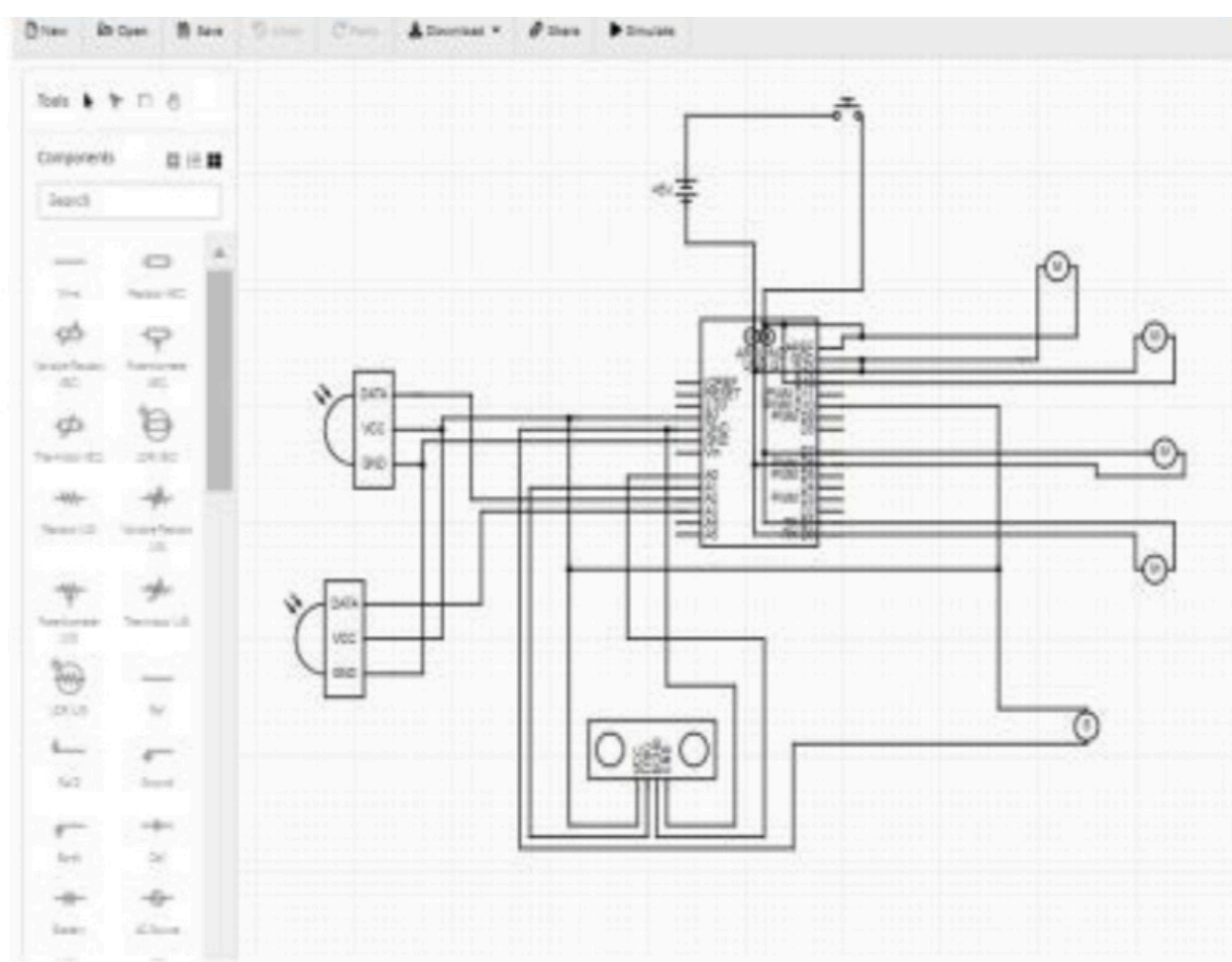
MINI PROJECT

“ARDUINO BASED HUMAN FOLLOWING ROBOT”

PROBLEM STATEMENT

The creation of a human following robot aims to fulfill the demand for self-governing robotic systems that may assist people with limited mobility, improve security and monitoring capacities.

CIRCUIT DIAGRAM :



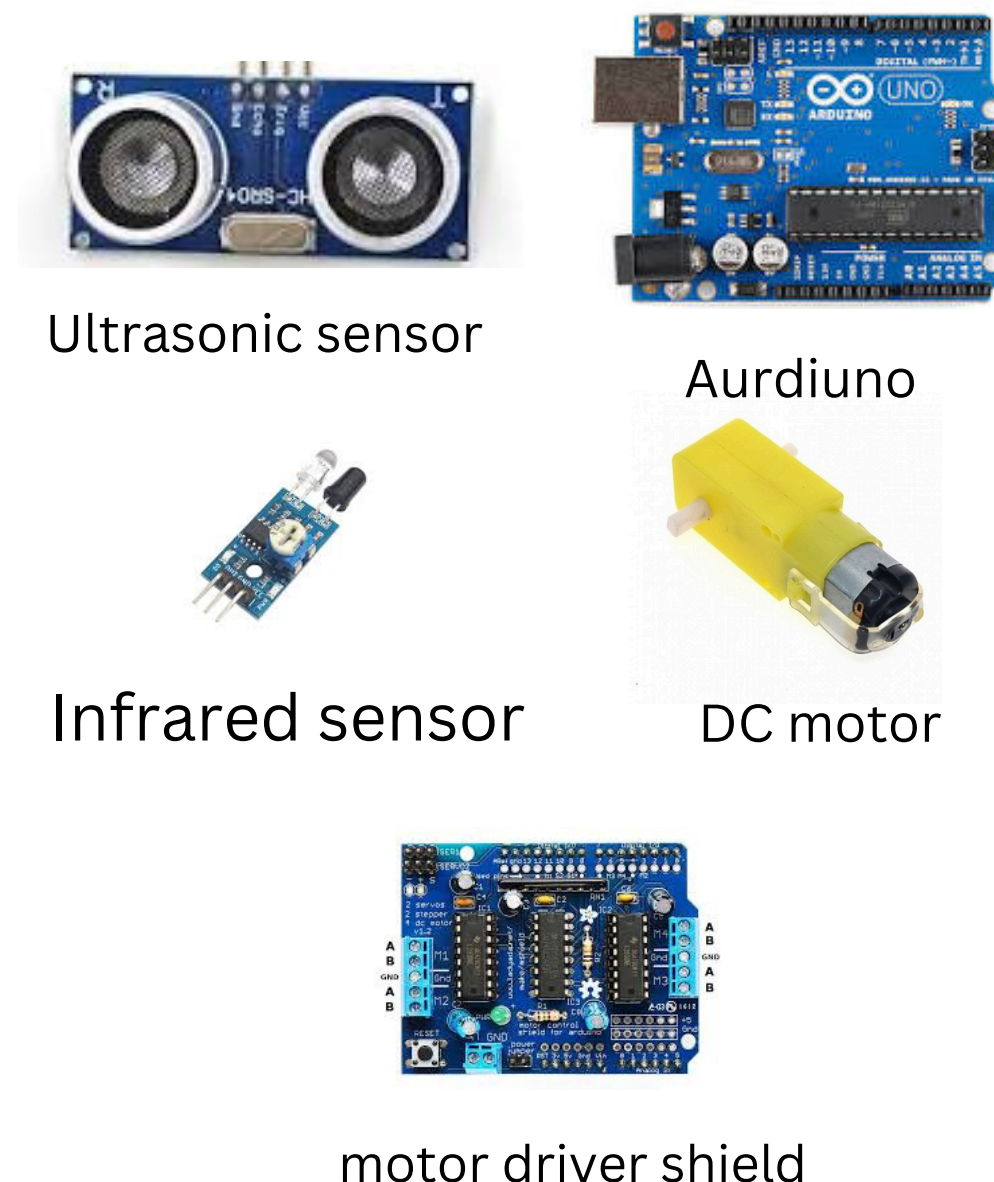
SYSTEM APPLICATIONS

- Retail and Customer Service: These robots can follow shoppers, help them locate products, and answer questions about pricing or availability.
- Entertainment and Events: These robots can interact with attendees, perform tasks or demonstrations, and create memorable experiences.
- Tourism and Hospitality: Human-following robots can serve as guides and assistants for visitors.

ADVANTAGES

- Affordability
- Versatility
- Low Power Consumption

Components Used :-



DISADVANTAGES

- Limited Processing Power
- Hardware Limitations
- Lack of Professional Support



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