ROBOT ARM CONTROLLING SYSTEM

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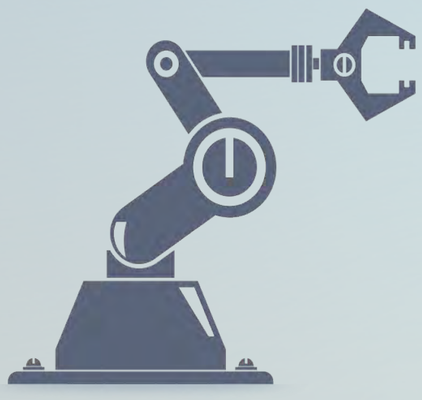
TO EASE OFF YOUR ACTIVITIES USING A ROBOTIC ARM



Abstract

• The aim of this project is to control a robotic arm via internet and this will produce the best behaviour task of target tracking.

• The robot will be controlled according to the user inputs.

Problem and solution

• Control systems of the robotic arms are very hard and have to spend more time to control it.

• This robotic arm will reduce our time to go near the arm to control it and also we have the ability to control the arm while doing another work.

Background

• Used four servo motors to control the robotic arm.

• Used a web application to get data from the user and send it through the internet to a raspberry pi, which controls the robotic arm.

System model

• Creating a web application and get data from the user.

• Connect the server and raspberry pi and send data to the raspberry pi through the Internet.

• Control the robotic arm according to the input data.

Future work

• Add a security camera to the robotic arm and take real time videos to check a place with different angles.

Second Annual
Embedded System Projects Expo 2016
presented by Third Year Students
Department of Computer Engineering, University of Peradeniya