

# The Robot Arm Task

## Overview :

This repository contains a web page that takes input values from user, then it stores them into the Database.

## Database design :

In This design I assumed that this page will be used only for one device “it can be modified to control more”. So the database can be visualized as :

Id	Motor1	Motor2	Motor3	Motor4	Motor5	Motor6	Is_on
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Id : the id here is reserved for future usage.

Motor[1...6] : those are the values that came from the user inputs ranging from -90 up to 90

Is\_on : this represents the status of the robot it's also from the user input

Screenshots below 😊 ↓

## Screenshots :

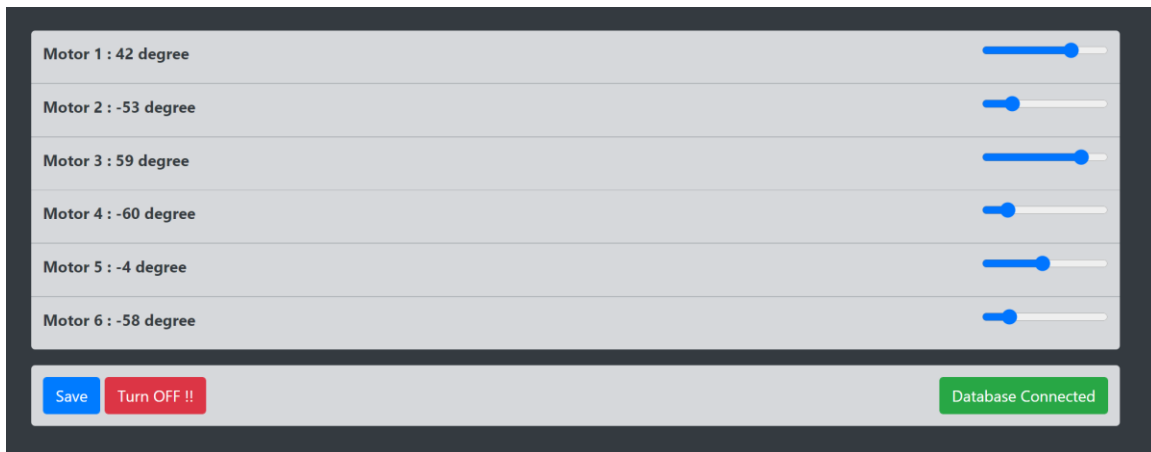
### Default status –



Motor 1 : 0 degree	<input type="range"/>
Motor 2 : 0 degree	<input type="range"/>
Motor 3 : 0 degree	<input type="range"/>
Motor 4 : 0 degree	<input type="range"/>
Motor 5 : 0 degree	<input type="range"/>
Motor 6 : 0 degree	<input type="range"/>

Database Connected

### After inserting values and turning The robot On –



Motor 1 : 42 degree	<input type="range"/>
Motor 2 : -53 degree	<input type="range"/>
Motor 3 : 59 degree	<input type="range"/>
Motor 4 : -60 degree	<input type="range"/>
Motor 5 : -4 degree	<input type="range"/>
Motor 6 : -58 degree	<input type="range"/>

Database Connected

**Note :** After reloading the data will be brought from the database so the positions will not be change.