**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** |

**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 –**

Graphical user interface, application

Description automatically generated with medium confidence

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

Graphical user interface, application

Description automatically generated

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