**TASK 01: Design of Instruction blocks**

**SOLUTION:** While designing the instruction blocks (left, right, forward, random). We face problem of identifying each instruction blocks. In order to overcome this problem, we embose the name & directions sign on each instruction blocks.

**TASK 02: Magnets availability issue**

**SOLUTION:** The size of magnet ( ) which were required hardly available in the market. But in the end, after waiting approximately one month we get the exact size magnet from the market.

**TASK 03: PCB designing issue**

**SOLUTION:** We have to develop a two layer PCB and in Pakistan it is not possible to make a two layer PCB by a locally. So, we decide to break our PCB into two modules which will overcome the issue of two layer PCB.