

## Description of the Final Product/Expected Results

To create a PCB should be following this steps: the first step is the designing of the schematic diagram using Electronic Design Automation (EDA) software; which allows to layout the PCB and place the components.

After the designing the PCB needs to be fabricated by using the drilling machine , the precision and accuracy of the drilling process are critical to the success of the final product. After this step the PCB must be assembled with the electronics components.

The final step is the testing, the PCB must be tested to confirm that it is working correctly, this is done by connecting the PCB to a test fixture, which checks for any faults or defects