

Nakuja Internship

Week 2 Progress Report

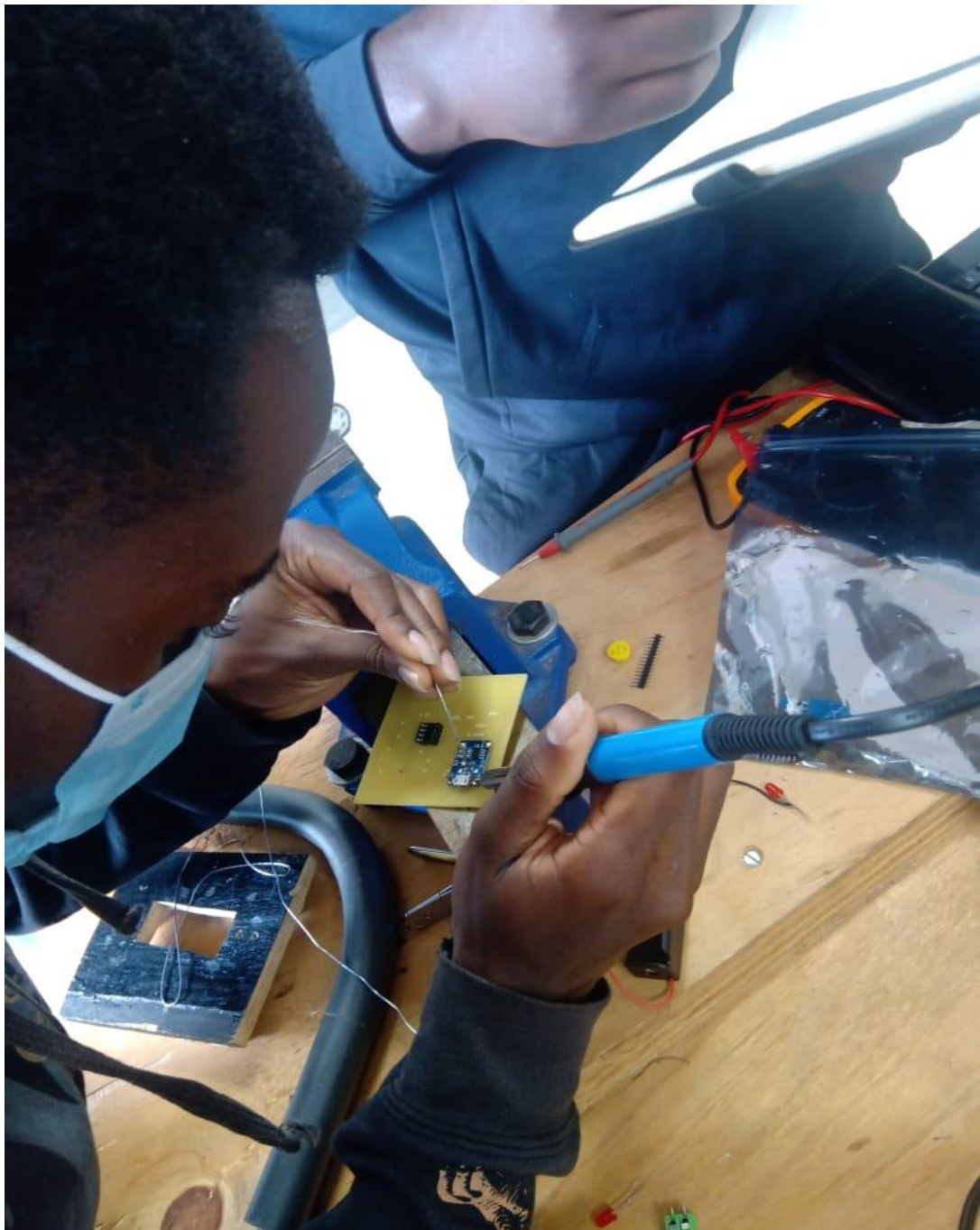
IAN KIBANDI

Tasks completed last week

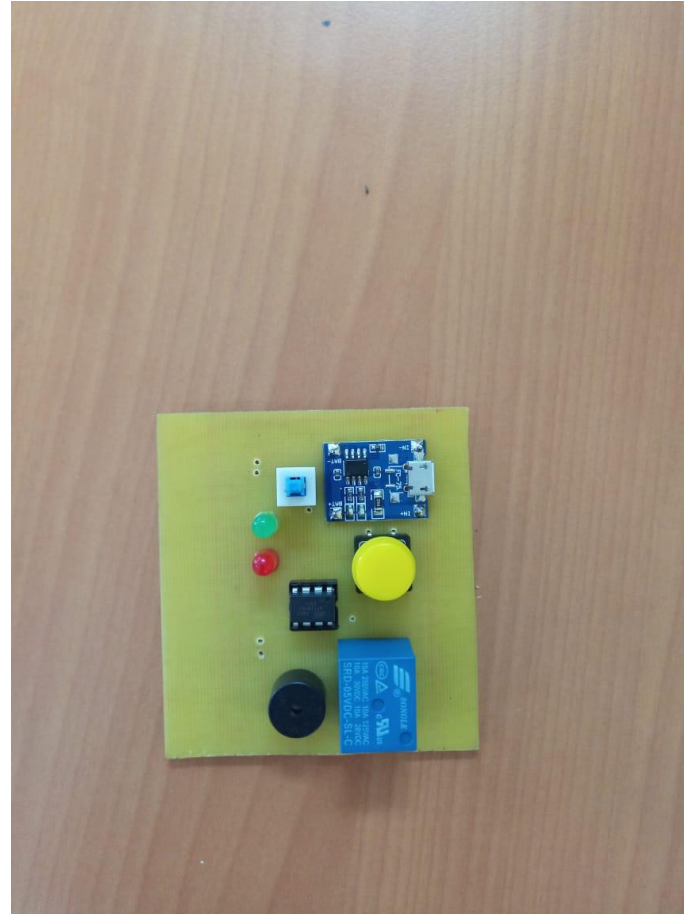
- Drilled holes on the test stand
- Read values of acceleration and orientation from the MPU6050
- Developed and tested the ejection system

Tasks to complete this week

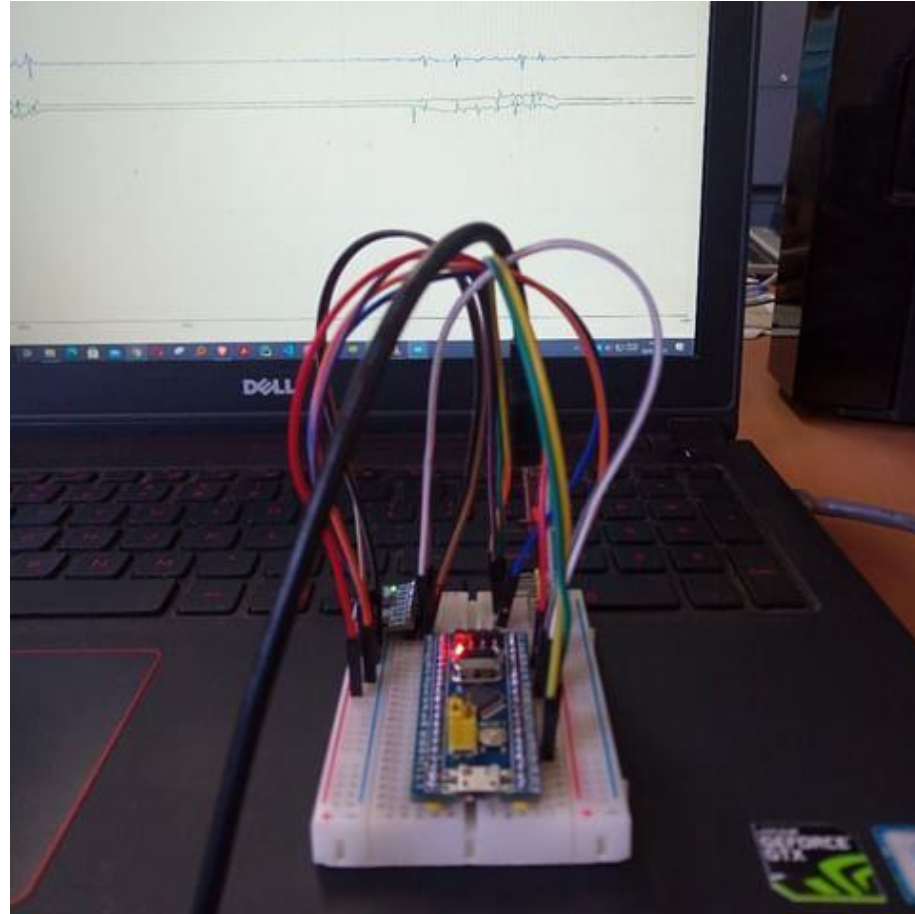
1. Casting propellant
2. Begin assembly of Launch Pad
3. Model the motor bracket



Ignition PCB



MPU6050 programming with STM32



Test Stand



Timeline

Month	Week	Tasks
March	Week1	Design and fabrication of nozzle
	Week2	Design and fabrication of test stand
	Week3	Casting propellant
	Week4	Testing the model rocket on motor
April	Week1	Avionics bay development
	Week2	Integration and testing with avionics
	Week3	Integration and testin with propulsion
	Week4	Launch of N-1 rocket