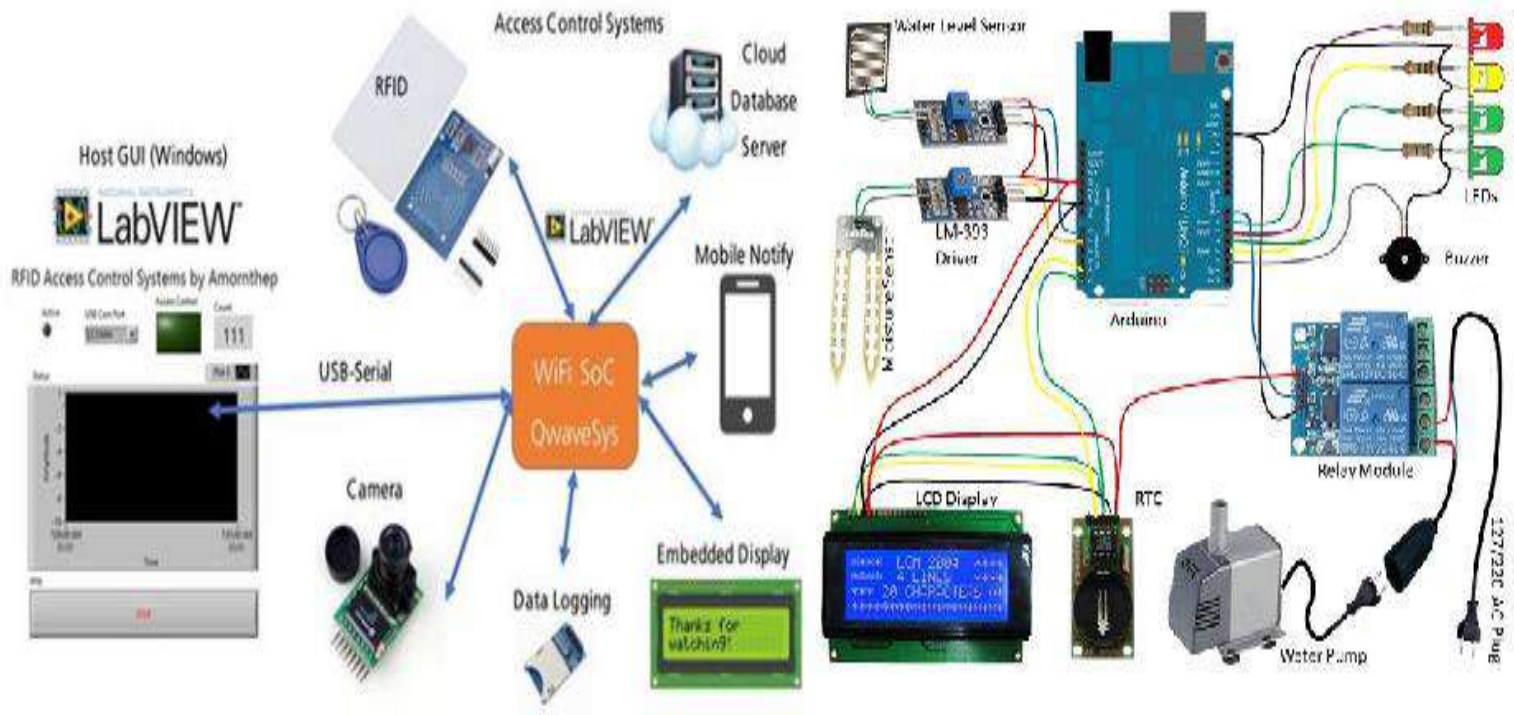
INDUSTRIAL ELECTRONICS & CONTROL



We provide you a platform where you can apply your innovative imagination and come up with a brilliant output.

ABOUT THE CLUB

Embedded System Design

- 8051, AVR, Arduino, MSP430
- Sensors and Actuators
- Data transfer technologies (Wired and Wireless)
- Wi-Fi capability

Virtual Instrumentation (LabVIEW)

- Powerful tool for research and industry
- Simpler programming
- Easier hardware interface for data acquisition
- Real Time Monitoring

OBJECTIVES

To produce competent Engineers.

To prepare students for industrial needs

Peer-to-Peer Learning

To develop students to meet the on-going global challenges.

To enrich the human resource for the technical advancement of the country.

Inculcate self learning skills

PEER-TO-PEER LEARNING

To acquire and develop new skill sets by conducting various lectures and workshops

Motivation and guidance to come up with innovative projects that tackle real-life problems

Provide resources and the technical know-how to realize and shape their projects.

Through regular meetings and sessions, improving student’s technical and leadership skills.

STRUCTURE OF THE CLUB

Faculty Coordinator

- Mr. Salim

President

- Keshav Raina

Student Trainer

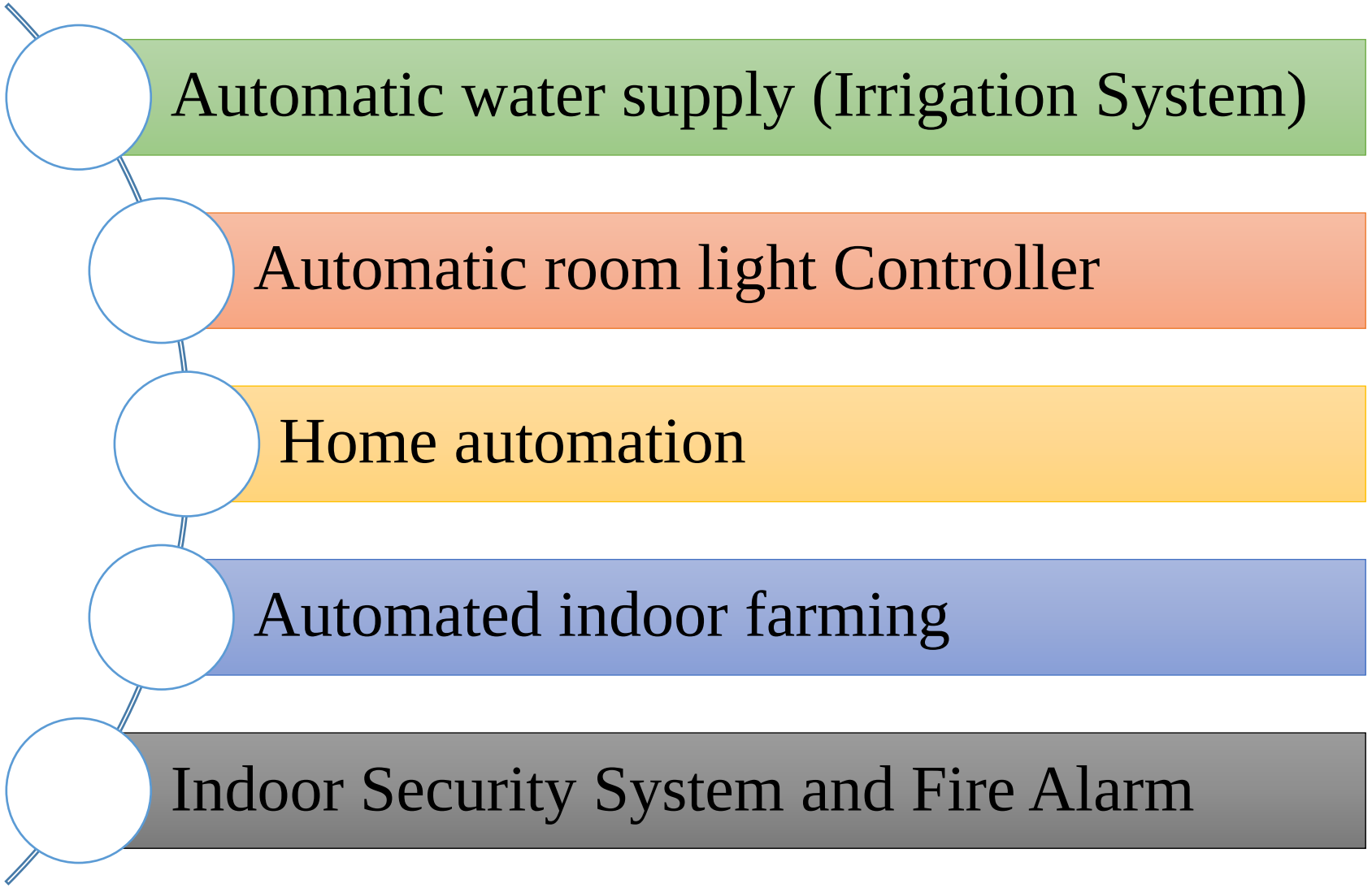
- Devershi Prakash (Python)
- Keshav Raina(Arduino/NodeMCU)
- Prakhar Srivastava(LabVIEW)
- Dheeraj Verma (Arduino)

ACTIVITIES

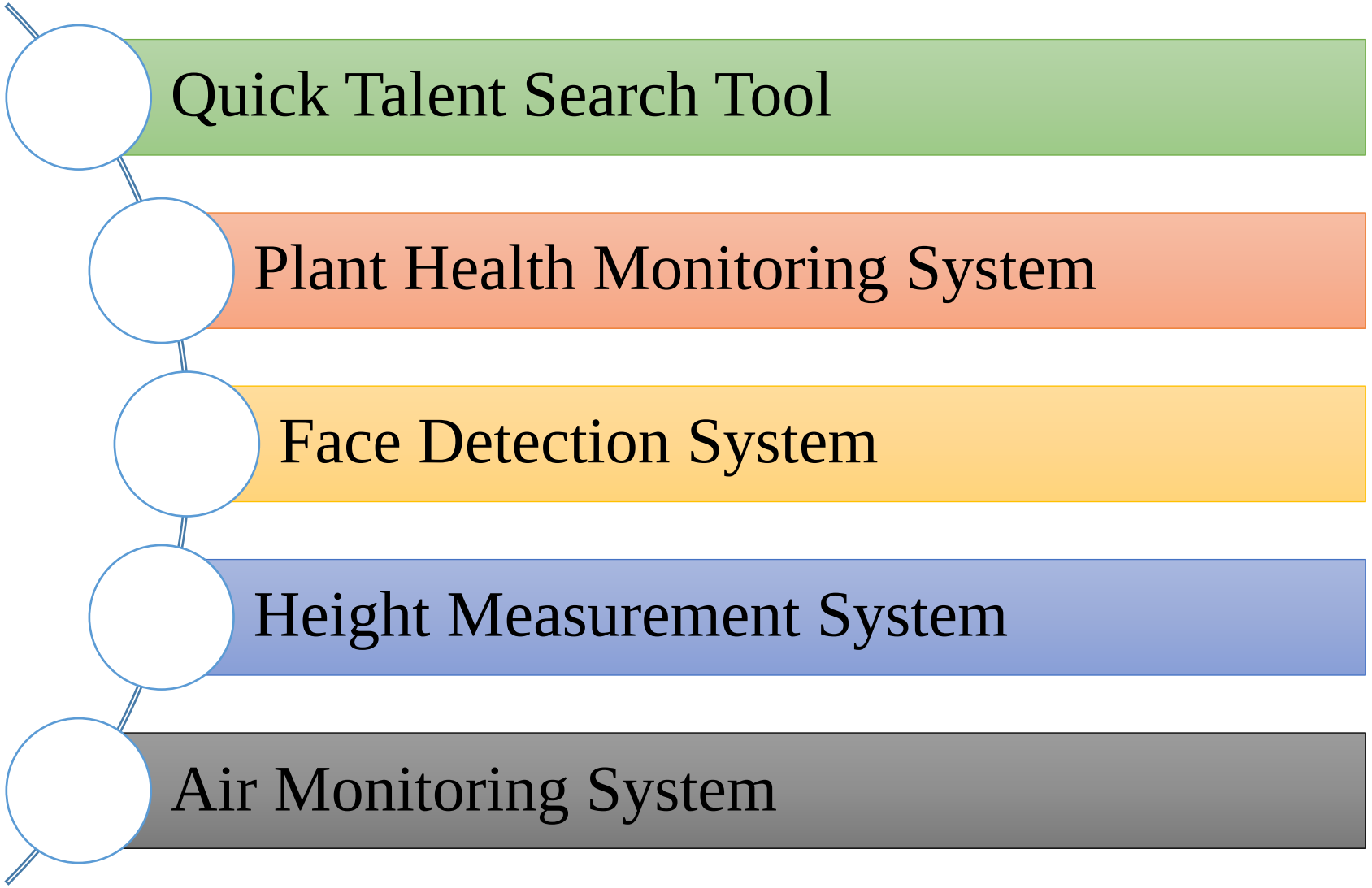
Regular

- Learning and hands-on-training
- Regular Value-added classes
- Online Internship
- Organizing summer and winter school
- Project Implementation and display in various technical festivals

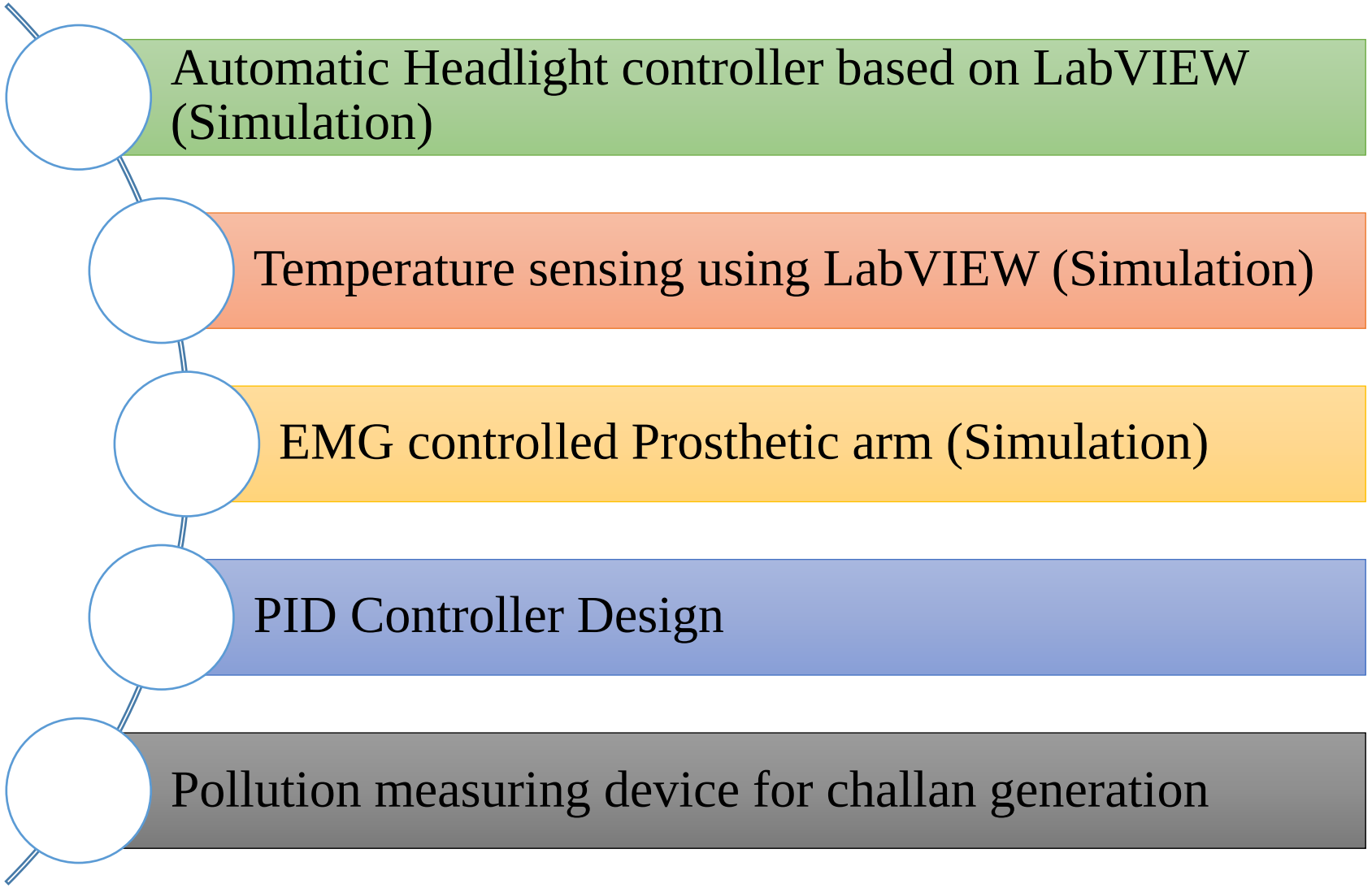
COMPLETED PROJECTS



COMPLETED PROJECTS



LIST OF PROPOSED PROJECTS



FUTURE PLAN

- Selection of New Students
- Hardware/Software Training
- Identification and allotment of project
- Hardware implementation of simulated projects
- Identification of different technical competitions

List of Students

Name of Students	Mobile No.	KIET Email Id
Ritik Kumar	9520200290	ritik.2024en1031@kiet.edu
Sujal Tyagi	9548609022	sujal.2024en1014@kiet.edu
Vishal Sharma	9911127085	vishal.2024en1094@kiet.edu
Kritik Sharma	7318387837	kritik.2024en1099@kiet.edu
Divyansh Rai	7985028481	divyansh.2024en1115@kiet.edu
Vishnu Baghel	7300891456	vishnu.2024en1179@kiet.edu
Harish Chandra Patel	9519940753	harish.2024en1090@kiet.edu
Aman Jiwani	7007739505	aman.2024en1103@kiet.edu
Malvika Sharma	7302676356	malvika.2024en1080@kiet.edu
Mayank Sharma	8923505349	mayank.2024en1153@kiet.edu
Suyash Kushvaha	7309737677	suyash.2125en1116@kiet.edu
KESHAV RAINA	9811025343	keshav.2125en1081@kiet.edu
Mohammad Muzammil	7897964900	mohammad.2125en1031@kiet.edu
Vishal kumar verma	6386309697	vishal.2125en1087@kiet.edu

Proposed Budget for 2023-24

S.No	Project Name	Approximate Cost
1.	Unmanned Aerial Vehicle	35,000
2.	Face Recognition Attendance System	40,000
3.	Smart Classrooms	30,000
4.	Remotely Piloted Aerial Vehicle	40,000
5.	Solar Power System	60,000
6.	Unmanned-Aircraft Vehicle System	40,000
7.	Food Delivery by Remotely Piloted Aircraft (RPA)	40,000
8.	Medical delivery by Unmanned Aerial Vehicle	50,000
9.	Self-driving car	50,000
10.	EV Battery Monitoring System	30,000
11.	Fast EV Charging Stations	50,000
12.	Consumable	30,000
13.	Crypto Mining	20,000
	Total	515,000











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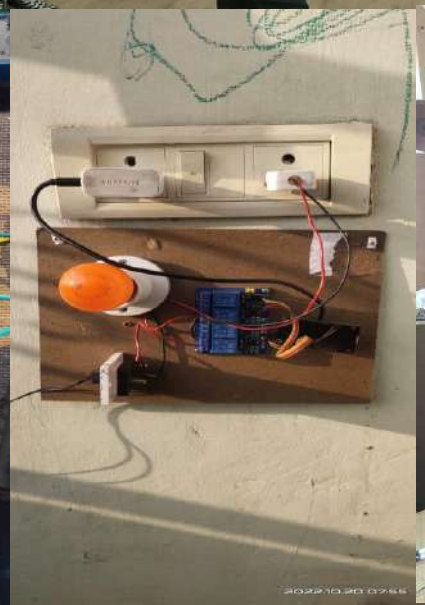


THANK YOU