

PROJECT PLAN DOCUMENT

(Due:21th January , 2020)

This is a “living document”, meaning its content will change with the implementation of the project.

Project number	Project 37
Project Title	Energy Monitoring in KRB
Document	Project Plan
Creation date	19/01/20
Created By	All team members
Client	Vishal Garg , IIIT Hyderabad

Brief problem statement

To monitor and control air conditioning system in Kohli Research Block via a user friendly website integrated with an alarm system to save energy . This project is expected to monitor the temperature of each laboratory in KRB and generate useful analytics that indicate energy consumption by the air conditioning systems.

Team Members

Jyoti Sunkara

Pranav Tadimeti

Swastik Murawat

Sarthak Periwal

Fanish Jain

and their roles are weekly assigned and mentioned in the repo (Gitlab)

Team Communication

The team members meets at least once a week and discuss the roles of each member and creatively collaborate . We push every detail of the meets to the Gitlab repository , under MoM's.

Development Environment

We will be using the following for the development of the website :

HTML, CSS ,Python ,Javascript and MySQL for frontend and backend

BACnet (language for interacting with the Daikin D-BACS system in KRB)

Gitlab for version control of our project and Testing Frameworks (Not decided yet)

Milestone Schedule

The deliverables' release dates are given in the SRS of this project . Below are the tasks and their due dates (This will get updated every week).

Milestone	Due Date	Release	Deliverable ?
Create draft requirements (various docs)	21/01/20	-	No
Finalize requirements	21/01/20	-	No
Connection to the KRB Daikin box	27/01/20	-	No