**PROJECT PLAN DOCUMENT**

**(Due:21th January , 2020)**

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

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| 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).

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| --- | --- | --- | --- |
| **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 |
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