**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 repostiory , 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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|  |  |  |  |