**Project Synopsis/Project Concept 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** | SSAD Project Concept Document |
| **Creation date** | 19/01/20 |
| **Created By** | All team members |
| **Client** | Vishal Garg , IIIT Hyderabad |

**Description**

To monitor and control air conditioning system in Kohli Research Block via a user friendly website integrated with an alarm system to save energy .

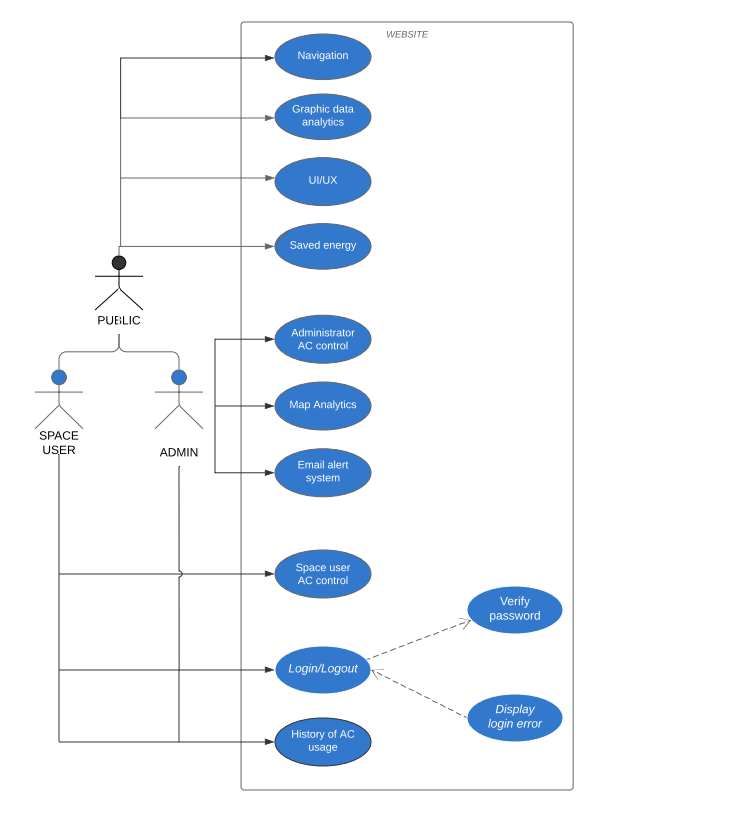
**Profile of Users**

This project dashboard has three kinds of users, namely:

1. **Space User :** These users are the researchers working in the labs in KRB. They can access data and control AC’s of their own lab. Each user will have a login ID and a password.
2. **Super User/ Admin :** The administrator can access data of every lab in KRB and can also control all the air conditioning system.There will be only one admin .Admin will have a login ID and password
3. **Public User :** This user can access common public dashboard to show the overall energy consumption, average temperature , and other analytics related to the data collected over time.

**Usage Model and Diagrams (if any)**

Following is the basic use case diagram for the users / how the users will interact:

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