PROJECT PLANNING MILESTONE AND ACTIVITY LIST

DATE	23 October 2022
TEAM NO	PNT2022TMID37801
PROJECT NAME	NATURAL DISASTERS INTENSITY ANALYSIS AND CLASSIFICATION USING ARTIFICIAL INTELLIGENCE

PLANNING
- Planning all the modules and features which are going to be implemented in this project.

REQUIREMENTS
- The requirements for build the application includes Data for training the model and cloud service for hosting the application.

DESIGN
- The application design facilitates the user to upload the IR images of the tropical cyclone. Which will be send to the server via the POST request for estimating the intensity of the cyclone. The estimated inference will be sent back to the client application.

DEVELOPMENT
- The development phases include collecting the dataset, building the model, designing the web application, building the APIs to facilitate the data transfer and finally deploying the model into cloud.

TESTING
- Once the model is developed it has to be tested for the different intensities of the cyclone. We have to make sure that the model is performing well on the data that it hasn't seen before. After finish building the model integrate the model with web application using flask APIs calls.

DEPLOYEMENT
- Once the application is built completely, we have to deploy the entire we application into the cloud using Heroku.