PROJECT PLANNING MILESTONE AND ACTIVITY LIST

| DATE | 02 November 2022 |
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| TEAM NO | PNT2022TMID06841 |
| 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.