Project Planning Phase
Milestone and Activity List

Date	27 November 2022
Team ID	PNT2022TMID45772
Project Name	Project - Natural Disasters Intensity Analysis And Classification Using Artificial Intelligence
Maximum Marks	8 Marks

Sprint	Milestone
Sprint - 1	1. Setting Up IBM Cloud and Watson Studio 2. Gathering the required Dataset for Natural Disaster Detection 3. Uploading them to IBM Cloud, and Preprocessing them
Sprint - 2	1. Building the CNN Model for Disaster Classification 2. Training,Testing and Validating the Model based using the corresponding dataset partitions, and observing the metrics such as accuracy and loss during training and validation, as well as the accuracy of classification 3. Work on Improving the Accuracy of the Model
Sprint - 3	1. Design the Front-End of a Web Application using HTML, CSS and Javascript with a Home page, About, Upload Page, and a Weather Forecast page. 2. Use necessary API for weather forecast, and make upload option viable for Image/Video Feed 3. Deploying Python Flask Framework to run it as a Web App in Localhost
Sprint - 4	1. Bridging CNN Model on Cloud with web app to display alerts, classified disaster, and intensity to the user 2. Working on making Web App responsive, and debugging UI and Backend bugs 3. Check for a possibility for including any add-ons, such as a login, OAuth, etc.