

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	<ol style="list-style-type: none">1. Setting Up IBM Cloud and Watson Assistant2. Gathering the required Dataset for Natural Disaster Detection3. Uploading them to IBM Cloud, and Preprocessing them
Sprint - 2	<ol style="list-style-type: none">1. Building the CNN Model for Disaster Classification2. 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 classification3. Work on Improving the Accuracy of the Model, Time taken for Classification, and Intensity based alerting for a particular disaster
Sprint - 3	<ol style="list-style-type: none">1. Develop a Dashboard for User in particular, and administrator if possible, with account creation features to login anytime as needed2. Enable footage or image request feature on the web app for the user to upload the content to be fed for classification3. Location retrieval either automatically/manually can be an add-on for providing alerts
Sprint - 4	<ol style="list-style-type: none">1. Bridging CNN Model on Cloud with web app to display alerts, classified disaster, and intensity to the user2. Experimenting usage of third party account for Website login3. Web App Optimization, Server Load testing, Failure/Bug Handling and Customer Support