# Project Planning Phase
## Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

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| Date | 28 October 2022 |
| Team ID | PNT2022TMID43250 |
| Project Name | Natural Disaster Intensity Analysis and Classification using Artificial Intelligence |
| Maximum Marks | 8 Marks |

**Product Backlog, Sprint Schedule, and Estimation (4 marks)**

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| Sprint-1 | Data Collection | USN-1 | As a user, I can collect the dataset from different images of cyclone. | 12 | Medium | V.Aravindh |
| Sprint-1 | Data Pre-processing | USN-2 | As a user, I can load the dataset, scaling and split data intotrain and test. | 8 | High | S.Manoj |
| Sprint-2 | Model Building | USN-3 | As a user, I will get an application with ML model which provides high accuracy of images of cyclone. | 12 | High | M.Jothiraj |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| Sprint-2 | Train & test & Save model | USN-4 | As a user, let us train our model with our image dataset. | 8 | Medium | S.Manikandan |
| Sprint-3 | Building UI Application HTML Page | USN-5 | As a user, I will upload the cycloneimage to the application by clicking an uploadbutton. | 10 | High | S.Manoj |
| Sprint-3 | Python Page | USN-6 | As a user, I can know the details of the fundamental usage of the application. | 10 | High | V.Aravindh |
| Sprint-4 | Train the model on IBM | USN-7 | As a user, I train the model and integrate them on IBM. | 7 | Medium | S.Manikandan |
| Sprint-4 | Cloud Deployment | USN-8 | As a user, I can access the web application and make the use of the product from anywhere. | 13 | High | M.Jothiraj |