Project Planning Phase

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

| Date | 18 October 2022 |
| --- | --- |
| Team ID | IBM-Project-20074-1659711991 |
| Project Name | Project – Natural Disasters Intensity Analysis and Classification using Artificial Intelligence |
| Maximum Marks | 8 Marks |

# Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | User input | USN-1 | As a user, I can input the particular URL in the required field and waiting for validation. | 2 | High | Kavana Rao,Joe Mariam |
| Sprint-1 | Feature extraction | USN-1 | Here system can extract feature using heuristic and visual similarity approach | 1 | High | ArchanaSaujanya |
| Sprint-1 | Prediction | USN-1 | Here the Model will predict the URL websites using Machine Learning algorithms | 2 | High | Archana,Kavana Rao |
| Sprint-1 | Classifier | USN-1 | Here it will send all the model output to classifier in order to produce final result | 2 | High | Sudharshiny,Kavana Rao |

| Sprint-1 | Announcement | USN-1 | Displays whether website is a legal site or a phishing site. | 1 | High | Joe mariam,Saujanya |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-2 | Bugs | USN-2 | As a user, I can report bugs in the application | 1 | Medium | Archana,Sudharshiny |
| Sprint-2 | Feedback | USN-3 | As a user, I can send feedback about the application and opinions for improvement | 1 | Low | Kavana Rao,Archana |
| Sprint-3 | Tips | USN-4 | Here cyber security tips are provided for the Customers/Users | 1 | Low | Kavana Rao,JoeMariam. |

# Project Tracker, Velocity & Burndown Chart: (4 Marks)

| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed (as on Planned End Date)** | **Sprint Release Date (Actual)** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | 20 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day)

