**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID15315 |
| Project Name | Project – web phishing detection |
| 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 | User inputs an URL in the required field to check its validation. | 5 | Medium | Niveda J |
| Sprint-1 | Website comparison | USN-2 | Model compares the websites using Blacklist and whitelist approach. | 10 | High | Nitheesha M |
| Sprint-1 | storage | USN-3 | Storing the blacklisted websites in database using IBM cloud. | 15 | High | Sudeepthi P |
| Sprint-2 | Feature extraction | USN-4 | After comparison, if none found on comparison then extract its feature using heuristic and visual similarity. | 10 | High | Sai Deepika T |
| Sprint-2 | Prediction | USN-5 | Model predicts URL using machine learning algorithms such as logistic regression, MLP. | 10 | Medium | Nitheesha M |
| Sprint-2 | Accuracy test | USN-6 | Selecting best accurate model and process further steps. | 15 | High | Niveda J |
| Sprint-3 | classifier | USN-7 | Model sends all output to classifier and produces result. | 5 | Medium | Nitheesha M |
| Sprint-3 | Hosting | USN-8 | Setting up application and hosting in IBM cloud | 10 | Medium | Sai Deepika T |
| Sprint-4 | Announcement | USN-9 | Model then displays whether the website is legal site or a phishing site. | 15 | High | Sudeepthi P |
| Sprint-4 | Events | USN-10 | This model needs the capacity of retrieving and displaying accurate result for a website. | 10 | High | Niveda J |

**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 | 7 Days | 24 Oct 2022 | 30 Oct 2022 | 19 | 31 Oct 2022 |
| Sprint-2 | 20 | 5 Days | 31 Oct 2022 | 04 Nov 2022 | 18 | 05 Nov 2022 |
| Sprint-3 | 20 | 7 Days | 05 Nov 2022 | 11 Nov 2022 | 20 | 11 Nov 2022 |
| Sprint-4 | 20 | 8 Days | 12 Nov 2022 | 19 Nov 2022 | 17 | 20 Nov 2022 |

**Velocity:**

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



**Burndown Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile[software development](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). However, burn down charts can be applied to any project containing measurable progress over time.

