**Project Planning Phase**

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

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID10029 |
| Project Name | Project – AI-based localization and classification of Skin Disease using Erythma |
| 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 captured video or text and waiting for validation. | 2 | High | Pavithraa, Ganesh |
| Sprint-1 | Feature extraction | USN-1 | Here system can extract feature using heuristic and visual similarity approach. | 1 | High | Pragadeshwar, Prasad |
| Sprint-1 | Prediction | USN-1 | Here the Model will predict the hand sign gestures using Deep Learning algorithms | 2 | High | Ganesh, Prasad |
| Sprint-1 | UI | USN-1 | Here it will send all the model output to UI in order to produce final result | 2 | High | Pragadeshwar, Pavithraa |
| Sprint-1 | Announcement | USN-1 | Displays the accurate information either through video or text | 1 | High | Pavithraa, Prasad |
| Sprint-2 | Bugs | USN-2 | As a user, I can report bugs in the application | 1 | Medium | Pragadeshwar, Ganesh |
| Sprint-2 | Feedback | USN-3 | As a user, I can send feedback about the application and opinions for improvement | 1 | Low | Pavithraa, Prasad |
| Sprint-3 | Tips | USN-4 | Here cyber security tips are provided for the Customers/Users | 1 | Low | Ganesh, Pavithraa |

**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)

