**Project Planning Phase**

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

|  |  |
| --- | --- |
| Team ID | PNT2022TMID17578 |
| Project Name | A Gesture-based Tool for Sterile Browsing of Radiology Images. |

**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 | Launching Software | USN-1 | As a user, I can launch the developed software | 1 | Low | Vindhiyavasan  Sibinath  Arjun  Vinoth |
| Sprint-1 | Access UI | USN-2 | As a user, I will use the software and operate on the UI | 1 | Medium | Vindhiyavasan  Sibinath  Arjun  Vinoth |
| Sprint-2 | Launching Camera | USN-3 | As a user, I can open the camera from the software to perform gesture | 1 | Low | Vindhiyavasan  Sibinath  Arjun  Vinoth |
| Sprint-2 | Upload images from local system | USN-4 | As a user, I can upload images to the software from the local system | 2 | Low | Vindhiyavasan  Sibinath  Arjun  Vinoth |
| Sprint-3 | perform guestures | USN-5 | As a user, I can perform various gesture with respect to system specification for processing | 2 | Medium | Vindhiyavasan  Sibinath  Arjun  Vinoth |
| **Sprint** | **Functional**  **Requirement (Epic)** | **User Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team**  **Members** |
| Sprint-4 | output | USN-6 | As a user, I can see the sterile browsers image with respect to the gesture performed, display on the screen | 2 | High | Vindhiyavasan  Sibinath  Arjun  Vinoth |

**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)

