**Project Planning Phase**

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

|  |  |
| --- | --- |
| **Date** | **10 November 2022** |
| **Team ID** | **PNT2022TMID00692** |
| **Project Name** | **A Gesture - Based Tool for Sterile Browsing of Radiology Ideations Images** |
| **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 | Download the Dataset | 10 | High | Swetha E |
| **Sprint-1** |  | USN-2 | Image Pre-processing(Import the library, Image preprocessing, Configure ImageDataGenerator,  Apply image generator functionality) | 10 | High | Swetha E |

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-2** | **Model Building** | USN-3 | Import the Model Building Libraries and initialise the model | 10 | High | Sowmiya M |
| **Sprint-2** |  | USN-4 | Adding CNN layers and Dense layers | 10 | High | Sowmiya M |
| **Sprint-2** |  | USN-5 | Configure the learning process | 10 | High | Sowmiya M |
| **Sprint-2** |  | USN-6 | Train test and save the model | 10 | High | Sowmiya M |
| **Sprint-3** | **Website Building** | USN-7 | Create the HTML pages | 10 | High | Sindhuja C |
| **Sprint-3** |  | USN-8 | Build Python code | 10 | High | Sindhuja C |
| **Sprint-3** |  | USN-9 | Run the application | 10 | High | Sindhuja C |
| **Sprint-4** | **Train The Model on IBM** | USN-11 | Register for IBM Cloud | 10 | High | Vaishnavi Parvathy N |
| **Sprint-4** |  | USN-12 | Train the Model and Test the Model and its Overall Performance | 10 | High | Vaishnavi Parvathy N |

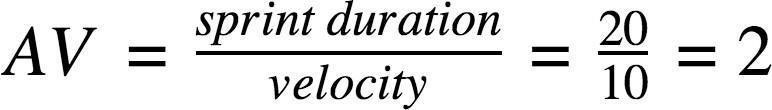
**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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** | 10 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 10 | 29 Oct 2022 |
| **Sprint-2** | 10 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 10 | 05 Nov 2022 |
| **Sprint-3** | 10 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 10 | 12 Nov 2022 |
| **Sprint-4** | 10 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 10 | 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)



**Road Map:**

