Project Planning Phase

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

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| --- | --- |
| Date | 3 November 2022 |
| Team ID | PNT2022TMID09899 |
| Project Name | A Gesture-based Tool for Sterile Browsing of  Radiology Images |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Home | USN-1 | As a user, I can view the guide and awareness to use this application. | 1 | Medium | Sathishkumar.S  Karthick.S  Aravindh.R  Vishwa.K |
| Sprint-1 |  | USN-2 | As a user, I’m allowed to view the guided video to use the interface of this application. | 3 | High | Sathishkumar.S  Karthick.S  Aravindh.R  Vishwa.K |

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| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 |  | USN-3 | As a user, I can read the instructions to use this application. | 2 | Low | Sathishkumar.S  Karthick.S  Aravindh.R  Vishwa.K |

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| --- | --- | --- | --- | --- | --- | --- |
| Sprint-2 | Launch | USN-4 | As a user, In this launch page I get to choose the image. | 4 | High | Sathishkumar.S  Karthick.S  Aravindh.R  Vishwa.K |

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| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-3 | Predict | USN-5 | As a user, I’m Allowed to upload and choose the image to be uploaded | 3 | Low | Sathishkumar.S  Karthick.S  Aravindh.R  Vishwa.K |
| Sprint-3 |  | USN-6 | As a user, I will train and test the input to get the maximum accuracy of output. | 4 | High | Sathishkumar.S  Karthick.S  Aravindh.R  Vishwa.K |
| Sprint-3 |  | USN-7 | As a user, I can access the data set | 2 | Medium | Sathishkumar.S  Karthick.S  Aravindh.R  Vishwa.K |

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| --- | --- | --- | --- | --- | --- | --- |
| **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 | 31Oct 2022 | 05 Nov 2022 | 20 | 05 Nov 2022 |
| Sprint-2 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 12 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 21Nov 2022 | 26 Nov 2022 | 20 | 26 Nov 2022 |

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

**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)



# Burndown Chart:

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile [software development m](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/)ethodologies 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.

