# Project Planning Phase

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

|  |  |
| --- | --- |
| Date | 25 October 2022 |
| Team ID | PNT2022TMID45318 |
| Project Name | Project - Analytics for Hospitals Health-Care Data |
| 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 | Register | USN-1 | As a Admin, I can register users and provide username and password. | 10 | Medium | Vijayendren.S.L |
| Sprint-1 | Login | USN-1 | As a user, I can login into the website/ application  using username and password | 20 | High | Mohamed Zakir Husain.N |
| Sprint-2 | Dashboard | USN-2 | As a user, I can add Patient Details like Patient name, contact number, age etc. | 10 | High | Ummul Nasiha.U |
| Sprint-2 | Dashboard | USN-3 | As a user, I can add bed details, Doctor details and other hospital detail. | 10 | High | Sumaiya Farveen.N |
| Sprint-3 | Dashboard | USN-4 | As a user, I can  upload patient medical reports. | 20 | High | Mohamed Zakir Husain.N |
| Sprint-4 | Virtualize | USN-5 | As a user, I can virtualize the data which are analyzed | 20 | High | Ummul Nasiha.U |

## 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)

**AV= SPRINT DURATION = 20 = 2**

# VELOCITY 10

## 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.

Percentage of work done



120

**Work done in percentage for days**

100

80

60

40

20

0

1 day

2 day

3 day

4 day

5 day

6 day

planned

actual