**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 25 November 2022 |
| Team ID | PNT2022TMID51381 |
| 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  &  Login | USN-1 | As a Admin, I can register users and provide username and password. As a user, I can login into the website/ application using username and password | 20 | High | Jibin S S |
| Sprint-2 | Dashboard | USN-2 | As a user, I can add  Patient Details like Patient name, contact number, age etc. As a user, I can add bed details, Doctor details and other hospital detail. | 20 | High | Edwin Raj C |
| Sprint-3 | Dashboard | USN-3 | As a user, I can upload patient medical reports. | 20 | High | Liju S |
| Sprint-4 | Virtualize | USN-4 | As a user, I can virtualize the data which are analyzed | 20 | High | Kumar K |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**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)

Sprint duration

AV= =20/10 =2

Velocity

**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 m](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/)ethodologies such as [Scrum. H](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/)owever, burn down charts can be applied to any project containing measurable progress over time.



120

100

80

60

40

20

0

1

day

2

day

3

day

4

day

5

day

6

day



planned

actual

