Project Planning Phase

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

|  |  |
| --- | --- |
| Date | 22 October 2022 |
| Team ID | PNT2022TMID23616 |
| Project Name | Analytics for Hospital’s 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 | Registration | USN-1 | As a health care provider I can create account in IBM cloud and the data arecollected. | 20 | High | 2 Members |
| Sprint-2 | Analyze | USN-2 | As a health care provider all the data thatare collected is cleaned and uploaded in  the database or IBM cloud. | 20 | Medium | 2 Members |
| Sprint-3 | Dashboard | USN-3 | As a health care provider I can use  my account in my dashboard for uploading dataset. | 10 | Medium | 2 Members |
| Sprint-3 | Visualization | USN-4 | As a health care provider I can prepare data for Visualization. | 10 | High | 2 Members |
| Sprint-4 | Visualization | USN-5 | As a health care provider I canpresent data in my dashboard. | 10 | High | 2 Members |
| Sprint-4 | Prediction | USN-6 | As a health care provider I can predict the length of stay | 10 | High | 2 Members |

# 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)

