**Project Planning Phase**

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

|  |  |
| --- | --- |
| **Date** | **07 November 2022** |
| **Team ID** | **PNT2022TMID10019** |
| **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)

