Project Planning Phase

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

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| --- | --- |
| Date | 24 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 | USN-1 | As a Admin, I can register users and provide username and password. (Data collection process) | 10 | Medium | Prasanth.M |
| Sprint-1 | Login | USN-1 | (Data Exploration and Visualization) | 20 | High | Inayathullah.S |
| Sprint-2 | Dashboard | USN-2 | To Create a  Interactive  Dashboard.  Display the Insights in the Dashboard | 10 | High | Uday Sankar.M    Indiran.B |
| Sprint-2 | Dashboard | USN-3 | Construct a  Standardized Data Set and use the needed data with the Assistance of a  Python Program | 10 | High | Inayathullah.S    Uday Sankar.M |
| Sprint-3 | Dashboard | USN-4 | Use of different algorithm with Google Colab to achieve the desired result with more accuracy. | 20 | High | Prasanth.M |
| Sprint-4 | Virtualize | USN-5 | Making the output simpler to understand and more efficient. Deployed in the Github. | 20 | High | Inayathullah.S Prasanth.M |

Project Tracker, Velocity & Burn down 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/VELOCITY =20/10=2

Burn down Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

0

20

40

60

80

100

120

day

1

day

2

day

3

4

day

5

day

6

day

planned

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