Project Planning Phase

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

|  |  |
| --- | --- |
| Date | 8 November 2022 |
| Team ID | PNT2022TMID45269 |
| Project Name | Visualizing and predicting heart diseases with an interactive dashboard |
| Maximum Marks | 8 Marks |

# Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

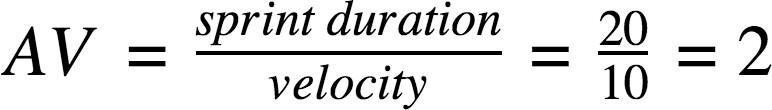
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 9 | High | Sowmiya |
|  |  |  | As a user, I will receive confirmation email once I have registered for the application. | 4 | Low | Vaishnavi |
|  |  | USN-2 | As a user, I can register for the application through Gmail. | 7 | Medium | Nishitha |
|  | Login | USN-3 | As a user, I can log into the application by entering email & password. | 9 | High | Sanju |
| Sprint-2 | Working with the Dataset | USN-4 | Importing the dataset on cognos platform and understand, clean and prepare the dataset. | 9 | High | Sowmiya, Sanju |
|  | Data Visualization chart | USN-5 | After importing the dataset, we create some  visualizations to understand more about the predicting heart diseases. | 7 | Medium | Vaishnavi, Nishitha |
| Sprint-3 | Creating the Dashboard | USN-6 | Creating the dashboard to display the visualizations which gives insights of predicting the Heart diseases. | 9 | High | Nishitha, Sowmiya, Vaishnavi |
| Sprint-4 | Export the Analytics | USN-7 | Exporting the created dashboard to showcase the work to others. | 9 | High | Sanju, Sowmiya, Vaishnavi |

# 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 | 08 Nov 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 10 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)



# Burndown Chart:

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

