**Project Planning Phase**

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

|  |  |
| --- | --- |
| **Date** | 29 October 2022 |
| **Team ID** | PNT2022TMID17964 |
| **Project Name** | Project - Skill / Job Recommender Application |
| **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 | UI Creation, Creating Registration page, Login page. | 10 | Medium | MRIDHUL M  PRAGADISH SA  MEGALOSHINI S  PRIYADHARSHIKA R |
| **Sprint-1** | Database Connectivity | USN-2 | Viewing and applying jobs Connecting UI with Database. | 10 | High | MRIDHUL M  PRAGADISH SA |
| **Sprint-2** | Send Grid Integration | USN-3 | Send Grid Integration with python code. | 10 | Low | MEGALOSHINI S  PRIYADHARSHIKA R |
| **Sprint-2** | Chatbot Development | USN-4 | Building a chatbot. | 10 | High | MRIDHUL M  PRAGADISH SA |
| **Sprint-3** | Integration and Containerization | USN-5 | Integrating chatbot to the HTML page and containerizing the app. | 20 | Medium | MRIDHUL M  PRAGADISH SA  MEGALOSHINI S  PRIYADHARSHIKA R |
| **Sprint-4** | Upload Image and deployment | USN-6 | Upload the image to the IBM Registry and deploy it in the Kubernetes Cluster. | 20 | High | MRIDHUL M  PRAGADISH SA |

**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 |  |  |
| **Sprint-3** | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 |  |  |
| **Sprint-4** | 20 | 6 Days | 14 Nov 2022 | 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 development m](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/)ethodologies such as [Scrum.](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/) However, burn down charts can be applied to any project containing measurable progress over time.

[**https://www.visual-paradigm.com/scrum/scrum-burndown-chart/**](https://www.visual-paradigm.com/scrum/scrum-burndown-chart/) [**https://www.atlassian.com/agile/tutorials/burndown-charts**](https://www.atlassian.com/agile/tutorials/burndown-charts)