**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 23 October 2022 |
| Team ID | PNT2022TMID42796 |
| Project Name | Skill and 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

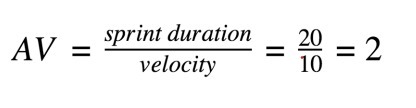
|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sprint | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | | **Team Members** |
| Sprint-1 | Registration | USN-1 | Creating Login page  Creating Registration page | 10 | High | J.Navin Sashaang  R.Ramanadevi | |
| Sprint-1 | Database Connectivity | USN-2 | To Store details of the customer Connecting UI with Database | 10 | Medium | J.Dhanya  R.Ramanadevi | |
| Sprint-2 | SendGrid Integration | USN-3 | SendGrid Integration with python code | 10 | Low | J.Navin Sashaang  A.Praveen kumar | |
| Sprint-2 | Chatbot Development | USN-4 | Building Chatbot Using IBM Watson assistant | 10 | High | J.Dhanya  R.Ramanadevi | |
| Sprint-3 | Job Recommender UI | USN-5 | Building UI for Skill and Job Recommender Application | 10 | High | J.Navin Sashaang  R.Ramanadevi | |
| Sprint-3 | API | USN-6 | Connecting UI with indeed API | 10 | Medium | J.Navin Sashaang  J.Dhanya | |
| Sprint-4 | Integration and Containerisation | USN-7 | Integrating Chatbot to Web UI and Containerising the app | 10 | High | A.Praveen kumar  J.Dhanya | |
| Sprint-4 | Upload image and deployment | USN-8 | Upload image to the IBM Registry and deploy it in the Kubernate Cluster | 10 | High | J.Navin Sashaang  R.Ramanadevi | |

**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 | 25 Oct 2022 | 29 Oct 2022 |  |  |
| Sprint-2 | 20 | 6 Days | 30 Oct 2022 | 03 Nov 2022 |  |  |
| Sprint-3 | 20 | 6 Days | 06 Nov 2022 | 11 Nov 2022 |  |  |
| Sprint-4 | 20 | 6 Days | 13 Nov 2022 | 17 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 methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

<https://www.visual-paradigm.com/scrum/scrum-burndownchart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

**Reference:**

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>