**Project Planning Phase**

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

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID04471 |
| Project Name | Project - News Tracker Application |
| Maximum Marks | 8 Marks |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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. | 15 | High | VIJAY V UDHAIPRAKASH VIGNESHWARAN THIRUMURUGAN |
| Sprint-1 | Confirmation | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 5 | Medium | VIJAY V UDHAIPRAKASH VIGNESHWARAN THIRUMURUGAN |
| Sprint-2 | Login | USN-5 | As a user, I can log into the application by entering email & password | 10 | High | VIJAY V UDHAIPRAKASH VIGNESHWARAN THIRUMURUGAN |
| Sprint-2 | Dashboard | USN-4 | As a user, I can search NEWS and a quick snap is displayed in the dashboard. | 10 | High | VIJAY V UDHAIPRAKASH VIGNESHWARAN THIRUMURUGAN |
| **Sprint** | **Functional**  **Requirement**  **(Epic)** | **User Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-3 | Chatbot | USN-5 | As a user, I can chat with the bot so that my queries are clarified | 10 | High | VIJAY V UDHAIPRAKASH VIGNESHWARAN THIRUMURUGAN |
| Sprint-3 | Profile | USN-6 | As a user, I can edit my interests so that I can get news accordingly | 10 | High | VIJAY V UDHAIPRAKASH VIGNESHWARAN THIRUMURUGAN |
| Sprint-4 | Notifications | USN-7 | As a user, I will receive notifications to my email so that I’ll be updated on the news | 20 | Medium | VIJAY V UDHAIPRAKASH VIGNESHWARAN THIRUMURUGAN |

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| --- | --- | --- | --- | --- | --- | --- |
| **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 |  |  |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

**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)



**Average Velocity**=20/6

**AV**=3.333

**Burndown Chart:**

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile [software](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) [development](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies 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.