**Project Planning Phase**

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

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID27467 |
| 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. | 5 | High |  |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 5 | High |  |
| Sprint-1 |  | USN-3 | As a user, I can register for the application  through Gmail | 5 | Medium |  |
| Sprint-1 | Login | USN-4 | As a user, I can log into the application by  entering email & password | 5 | High |  |
| Sprint-2 | Dashboard | USN-5 | As a user, I can enter the interests and choices of news I want to see for the first time in  dashboard. | 10 | High |  |
| Sprint-2 | Dashboard User Interface | USN - 11 | Administrator designing the user interface | 10 | Medium |  |
| Sprint-3 |  | USN-6 | As a user I can go through the feed of news  filtered according to my wish. | 10 | High |  |
| Sprint-3 |  | USN-7 | As a user, I can log out my account in settings. | 10 | Medium |  |
| Sprint-4 |  | USN-8 | As a user, I can update my interests and choice in account settings. | 10 | Medium |  |

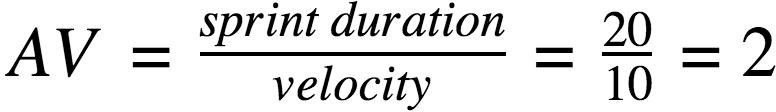
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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-4 | Chat bot / Query | USN-9 | Solve issues brought up by client | 5 | Medium |  |
| Sprint-4 |  | USN-10 | Roll out updates and bug fixes | 5 | High |  |

**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 | 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)



# 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](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.