Project Planning Phase

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

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| --- | --- |
| Date | 18 November 2022 |
| Team ID | PNT2022TMID37310 |
| 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. | 2 | High | Padmini S,  Sreedevi R,  Shanmugapriya K,  Sneha S |
| Sprint-1 |  | USN-2 | As a user, I can register for the application through Gmail | 2 | Low | Padmini S,  Sreedevi R,  Shanmugapriya K,  Sneha S |
| Sprint-1 | Login | USN-3 | As a user, I can log into the application by entering email & password | 1 | High | Padmini S,  Sreedevi R,  Shanmugapriya K,  Sneha S |
| Sprint-2 | Dashboard | USN-4 | As a user I should be able to navigate and access all the features hassle free | 2 | High | Padmini S,  Sreedevi R,  Shanmugapriya K,  Sneha S |
| Sprint-2 | Layout | USN-5 | As a user I should be able to access the portal with different devices with the same comfort | 1 | High | Padmini S,  Sreedevi R,  Shanmugapriya K,  Sneha S |
| Sprint-3 | Data Store and retrieval | USN-6 | Get Data from API and store as JSON in DB2 | 2 | High | Padmini S,  Sreedevi R,  Shanmugapriya K,  Sneha S |
| Sprint-3 |  | USN-7 | Get bin data from API and store in DB | 2 | High | Padmini S,  Sreedevi R,  Shanmugapriya K,  Sneha S |
| Sprint-4 | User credentials | USN-8 | As an administrator I should be able to add, modify delete data. | 1 | Low | Padmini S,  Sreedevi R,  Shanmugapriya K,  Sneha S |
| Sprint-4 | Change code | USN-9 | As an administrator I should be able to modify code according to the future requirements. | 2 | Medium | Padmini S,  Sreedevi R,  Shanmugapriya K,  Sneha S |
| Sprint-4 | Monitor the system | USN-10 | As an administrator I should be able to monitor the cloud system and fix errors before customer notifies. | 1 | High | Padmini S,  Sreedevi R,  Shanmugapriya K,  Sneha S |
| Sprint-4 | Feedback | USN-11 | As an administrator with the help of feedback, we can able to update our website better. | 1 | Medium | Padmini S,  Sreedevi R,  Shanmugapriya K,  Sneha S |

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

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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 | 5 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 3 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 4 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 5 | 19 Nov 2022 |

VELOCITY:

* Velocity is a measure of the rate at which the team is completing the work items.
* Simple formula- Number of story points completed so far divided by number of sprints done.

Average Velocity = 17 / 4 = 4.2

**Burndown Chart:**

This chart shows the amount of work that has been completed in an epic or sprint, and the total work remaining. Burndown charts are used to predict our team’s likelihood of completing our work in the time available.

