**Project Planning Phase**

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

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| --- | --- |
| Date | 24 October 2022 |
| Team ID | PNT2022TMID2337 |
| Project Name | Project – News Tracker 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 | As a user, I can register for the application by entering my email, password, and confirming my password. | 2 | High | Praveen Kumar |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Aswin Sreesanth |
| Sprint-1 |  | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | Shyam Sundar |
| Sprint-1 |  | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | Joshua Joseph |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | Joshua Joseph |
| Sprint-2 | Dashboard | USN-6 | As a user I should be able to navigate and access all the features hassle free | 2 | High | Praveen, Aswin |
| Sprint-2 | Layout | USN-7 | As a user I should be able to access the portal with different devices with the same comfort | 2 | High | Joshua, Shyam |
| Sprint-3 | Data Store and retrieval | USN-8 | Get Data from API and store as JSON in DB2 | 3 | High | Praveen, Shyam |
| Sprint-3 |  | USN-9 | Get bin data from API and store in DFS | 2 | High | Joshua, Aswin |
| Sprint-4 | User Segregation  and data access | USN-10 | As a CC executive I should be able to  uniquely identify the customer and offer help | 1 | Low | Aswin |
| Sprint-4 | Change code | USN-11 | As a administrator I should be able to modify  code according to the future requirements. | 2 | Medium | Praveen |
| Sprint-4 | Monitor the system | USN-12 | As a administrator I should be able to monitor the cloud system and fix errors before customer. | 1 | High | Joshua, Shyam |

**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 | 8 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 4 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 5 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 4 | 19 Nov 2022 |
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**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)

