**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 26 October 2022 |
| Team ID | PNT2022TMID32892 |
| Project Name | Project – The 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 | Divyasree R |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Abitharani A |
| Sprint-2 |  | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | Atchaya R |
| Sprint-1 |  | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | Nishanthini V |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | Nishanthini V |
| Sprint -2 | Dashboard | USN-6 | Shows the recent news and breaking NEWS | 8 | High | Atchaya R |
| Sprint -3 | Search Bar | USN-7 | User searches for NEWS based on their own interest | 3 | Medium | Abitharani A |
| Sprint -4 | Server | USN-8 | Provides correct NEWS available from the database | 4 | medium | Divyasree R |
|  |  | USN-9 | Provides live news with video and audio content | 5 | high | Nishanthini V |

**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 | 11 | 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 |  |  |

**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)

**AV = sprint Duration/Velocity**

**6/11=0.5454**