**Project Planning Template**

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

|  |  |
| --- | --- |
| Date | 10 Novebmer 2022 |
| ROLL NUMBER ID | 717819F238 |
| Project Name | 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 | Creating Login page Creating Registration page | 10 | High | Ragul,Surya,Guhan,Gowtham |
| Sprint-1 | Database Connectivity | USN-2 | To Store details of the customer Connecting UI with Database | 10 | Medium | Ragul,Surya,Guhan,Gowtham |
| Sprint-2 | News Tracker UI | USN-3 | Building UI News Tracker Application | 10 | High | Ragul,Surya,Guhan,Gowtham |
| Sprint-2 | API | USN-4 | Connecting UI with News API, Google News API | 10 | High | Ragul,Surya,Guhan,Gowtham |
| Sprint-3 | SendGrid Integration | USN-5 | SendGrid Integration With Python Code | 10 | Low | Ragul,Surya,Guhan,Gowtham |
| Sprint-3 | News Reader (Voice) | USN-6 | Building Voice Assistant to read the news | 10 | Medium | Ragul,Surya,Guhan,Gowtham |
| Sprint-4 | Containerization | USN-7 | Containerizing the app | 10 | High | Ragul,Surya,Guhan,Gowtham |
| Sprint -4 | Upload image and deployment | USN-8 | Upload Docker image to the IBM Registry and deploy it in the Kubernetes Cluster | 10 | High | Ragul,Surya,Guhan,Gowtham |

**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 | 21Oct 2022 | 29 Oct 2022 | 20 | 27 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 28 Oct 2022 | 05 Nov 2022 | 20 | 09 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 09 Nov 2022 | 12 Nov 2022 | 20 | 11 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 12 Nov 2022 | 19 Nov 2022 | 20 | 15 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)

