

Project Planning Phase Sprint Planning & Estimation

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| Date | 15 October 2022 |
| Team ID | PNT2022TMID35300 |
| Project Name | Project – News Tracker Application |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority |
|----------|--|-------------------|---|--------------|----------|
| Sprint-1 | Registration(Admin and Customer) | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 3 | 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 Facebook | 1 | Low |
| Sprint-1 | | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium |
| Sprint-1 | Login (Admin and Customer) | USN-5 | As a user, I can log into the application by entering email & password | 1 | High |
| Sprint-2 | Dashboard(Admin and Customer) | USN-6 | As a user I should be able to navigate and access all the features hassle free | 5 | High |
| Sprint-2 | Layout | USN-7 | As a user I should be able to access the portal with different devices with the same comfort | 3 | High |
| Sprint-3 | Data Store, Retrieval and Authentication | USN-8 | Get Data from API and store as JSON in DB2 | 5 | High |
| Sprint-3 | | USN-9 | Get bin data from API and store in DFS | 3 | High |
| Sprint-3 | Local News Dashboard | USN-10 | Create a Option of post and authorize the news by User's location | 2 | High |
| Sprint-4 | User Segregation | USN-11 | As a CC executive I should be able to | 3 | Low |

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| | and data access | | uniquely identify the customer and offer help | | |
| Sprint-4 | Change code | USN-12 | As a administrator I should be able to modify code according to the future requirements. | 2 | Medium |
| Sprint-4 | Monitor the system And Testing | USN-13 | As a administrator I should be able to monitor the cloud system and fix errors before customer. | 1 | High |
| Sprint-4 | Depolyment with Docker | USN-14 | As a User,I will deploy the entire Application using Docker. | 2 | Medium |
| Sprint-4 | Orchest with Kubernetes | USN-15 | As a User,I will allocate the server nodes and balance the work loads in server. | 2 | Medium |

Sprint Delivery Schedule

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 | 12 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 12 | 29 Oct 2022 |
| Sprint-2 | 8 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 8 | 05 Nov 2022 |
| Sprint-3 | 10 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 10 | 12 Nov 2022 |
| Sprint-4 | 10 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 10 | 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)

Average Velocity of Sprint-1 = $12/6 = 2.0$

Average Velocity of Sprint-2 = $8/6 = 1.3$

Average Velocity of Sprint-3 = $10/6 = 1.6$

Average Velocity of Sprint-4 = $10/6 = 1.6$

Burndown Chart:

Date - October 24th, 2022 - October 29th, 2022

