

Project Planning Phase

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

Date	29 October 2022
Team ID	PNT2022TMID44585
Project Name	News Tracker Application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation(4Marks)

Use the below template to create product back log 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	T.kiruthika
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	A.shalini
Sprint-1		USN-3	As a user, I can register for the application through Face book	2	Low	S.sasiraj
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	P.parvathi
Sprint-1	Login	USN-5	As a user, I can login to the application by entering email & password	1	High	T.kiruthika, S.shalini
Sprint-2	Dashboard	USN-6	As a user I should be able to navigate and access all the features hassle free	2	High	S.sasiraj
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	P.parvathi, T.kiruthika
Sprint-3	Data Store and retrieval	USN-8	Get Data from API and store as JSON in DB2	3	High	S.sasiraj
Sprint-3		USN-9	Get bin data from API and store in DFS	2	High	T.kiruthika, A.shalini
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	P.parvathi

Sprint	Functional Requirement(Epic)	User Story Number	User Story/Task	StoryPoints	Priority	TeamMembers
Sprint-4	Change code	USN-11	As a administrator should be able to modify code according to the future requirements.	2	Medium	S.sasiraj
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	T.kiruthika,P.parrvathi

Project Tracker ,Velocity & Burn down 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	6Days	24Oct2022	29Oct2022	8	29Oct2022
Sprint-2	20	6Days	31Oct2022	05Nov2022	4	05Nov2022
Sprint-3	20	6Days	07Nov2022	12Nov2022	5	12Nov2022
Sprint-4	20	6Days	14Nov2022	19Nov2022	4	19Nov2022

Velocity:

Imagine we have a 10-days 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)

$$AV = \frac{\textit{sprint duration}}{\textit{velocity}} = \frac{20}{10} = 2$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

Reference:

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>