

Project Planning Phase

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

Date	27 October 2023
Team ID	590884
Project Name	An Android Application for Keeping Up with the Latest Headlines
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	Archita
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Archita

Sprint-3		USN-3	As a user, I can register for the application through Facebook	2	Low	Gautam
Sprint-3		USN-4	As a user, I can register for the application through Gmail	2	Medium	Gautam
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Vaishnavi
Sprint 1	Browsing and Reading News Articles	USN-6	As a web user, I want to be able to browse the latest news articles and read them in a user-friendly format.	2	High	Hareeth
Sprint 2	Searching for Specific Topics	USN-7	As a web user, I want to search for specific news topics or articles, so I can quickly find information on subjects of interest.	1	Medium	Hareeth
Sprint 2	Saving and Managing Bookmarks	USN-8	As a web user, I want to save articles for future reference, so I can easily revisit and organize content.	2	High	Archita
Sprint 4	Handling User Support Requests	USN-9	As a Customer Care executive, I want to efficiently handle user support requests, so I can assist users in resolving their issues.	1	Low	Vaishnavi

Sprint 4	Monitoring User Feedback and Reviews	USN-10	As a Customer Care executive, I want to monitor user feedback and reviews to identify common issues and areas for improvement.	1	High	Gautam
Sprint 4	Collaborating with Technical Support	USN-11	As a Customer Care executive, I want to collaborate with technical support and development teams to resolve complex user issues.	1	Low	Hareeth
Sprint 3	Managing News Sources	USN-12	As an Administrator, I want to manage the application's news sources, so I can ensure the credibility and quality of the content.	2	Medium	Vaishnavi
Sprint 3	Applying Software Updates and Security Patches	USN-13	As an Administrator, I want to apply software updates and security patches, so I can maintain the application's security and performance.	1	Low	Gautam

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	6	6 Days	24 Oct 2022	29 Oct 2022	6	29 Oct 2022
Sprint-2	3	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	7	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	2	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)

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

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>