

Project Planning Phase

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

Date	27 October 2023
Team ID	Team - 590941
Project Name	News Nest An Android Application For Keeping Up With The Latest Headlines
Maximum Marks	8 Marks

Team Members: Parimi Monish, Mohith Tadi, Allu Deva Sai Vishnu Vardhan & Manthri Ashish

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration (Mobile User)	USN-1	As a user, I can register for the application by entering my username, email and password and my info will be checked when I am entering information whether I am entering correct type of information in its field.	2	High	Parimi Monish, Mohith
Sprint-1	Login (Mobile User)	USN-2	As a user, I can login to the app by entering my username and password and will be verified with SQL database in backend.	3	High	Mohith, Parimi Monish
Sprint-2	Account Retrieval (Mobile User)	USN-3	As a user, I can retrieve my account by entering my username and email if I forgot password.	2	Medium	Ashish
Sprint-3	Sign Out (Mobile User)	USN-4	As a user, I can sign out whenever I want.	1	Low	Vishnu
Sprint-2	Payment (Mobile User)	USN-5	As a user, I want to read a specific article entirely so I can pay and get it.	2	Medium	Parimi Monish
Sprint-2	Payment (Mobile User)	USN-6	As a user, I can get a subscription and read all articles entirely for a specific period.	2	Medium	Mohith
Sprint-1	UI / UX (Mobile User)	USN-7	As a user, I can get user friendly interface.	3	High	Parimi Monish

Sprint-3	Anything (Web User)	USN-8	As a web user, I can use the app just as the mobile user only if I have an android emulator.	1	Low	Vishnu
Sprint-3	User support and assistance (CCE)	USN-9	As a CCE, I can help the users regarding their issues submitted through feedback.	2	Medium	Vishnu, Parimi Monish, Mohith, Ashish
Sprint-3	Data analytics and monetization (Administrator)	USN-10	As an administrator, I can analyse people's interest and priorities and monetize my app accordingly.	2	Medium	Ashish, Vishnu, Mohith, Parimi Monish

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	8	4 Days	28 Oct 2023	31 Oct 2023	8	31 Oct 2023
Sprint-2	6	2 Days	01 Nov 2023	02 Nov 2023	6	02 Nov 2023
Sprint-3	6	2 Days	03 Nov 2022	04 Nov 2022	6	04 Nov 2022

Velocity:

Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}}$$

$$\text{Sprint 1 AV} = \frac{8}{4} = 2$$

$$\text{Sprint 2 AV} = \frac{6}{2} = 3$$

$$\text{Sprint 3 AV} = \frac{6}{2} = 3$$

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.



