Project Planning Phase

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

Product Backlog, Sprint Schedule, and Estimation

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	Sabarish V U
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Sabarish Abishek W R
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Riyazuddin R
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Sarveshwaren V P
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Sabarish V U
	Dashboard		As a user, I can search NEWS and quick snap is displayed in dashboard.	2	High	Sarveshwaren V P
Sprint-3	Alert message via notification	USN-6	As a user, I can receive Frequently searched message via email or SMS through pop notification.	2	Medium	Riyazuddin R
Sprint-4	Updates	USN-7	As a user, I can get updated NEWS every day and save time by receiving quick snap	2	High	Sabarish Abishek W R

Project Tracker, Velocity & Burndown Chart:

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	24 Oct 2022	29 Oct 2022		
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	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)

For Sprint-1 the Average Velocity (AV) is:

AV = Sprint Duration / velocity = 6 / 6 = 1

For Sprint-2 the Average Velocity (AV) is:

AV = Sprint Duration / velocity = 18 / 6 = 3.0

For Sprint-3 the Average Velocity (AV) is:

AV = Sprint Duration / velocity = 16 / 6 = 2.6

For Sprint-4 the Average Velocity (AV) is:

AV = Sprint Duration / velocity = 12/ 6 = 2.0

Average Velocity = 14/6

AV = 2.333

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.