

Project Planning Phase

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

Date	10/11/2022
Team ID	PNT2022TMID32359
Project Title	Exploratory Analysis of Rainfall Data in India for Agriculture
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	User can register to the platform by entering email, Password, mobile number.	5	High	Suruthika P Suruthika A
Sprint-1		USN-2	User will receive confirmation email and message using OTP	3	High	Suthima T Suruthika P
Sprint-1	Login	USN-3	User should enter credentials - username, password and login.	2	High	Suruthika P Thenmozhi P
Sprint-1		USN-4	User must be able change or modify their login and profile details	1	Medium	Suruthika A Suthima T
Sprint-1	Platform Dashboard	USN-5	User can login and add details about them into their profiles	5	High	Suruthika P Suruthika A

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2		USN -6	User must be able to search and visualize data of their geographical region for which they need to know prediction of rainfall data	5	High	Suthima T Suruthika A
Sprint-2		USN-7	The prediction or analysis request can be asked for the desired region for future or past events respectively	3	Medium	Suruthika P Thenmozhi P
Sprint - 3	User Support Team	USN-8	Must respond and attend to all user queries through calls/mail/messages	2	Medium	Suruthika A SuthimaT
Sprint - 3		USN - 9	Q/A session must be conducted to help users resolve their doubts and FAQ must be addressed.	3	Medium	Thenmozhi P Suruthika P
Sprint - 3		USN-10	Feedback must be actively collected from users	3	High	Suruthika A Suthima T
Sprint - 3		USN-11	Must update development team about errors and bugs found by users	4	High	Suruthika P Suthima T
Sprint - 4	Development	USN-12	Platform must be developed and designed with easily understandable and efficient user interface	3	High	Thenmozhi P Suruthika A
Sprint - 4		USN-13	Platform should be developed in a way that it is flexible and responsive on all devices	4	High	Suthima T Thenmozhi P
Sprint - 4		USN-14	Frequently platform must be maintained and updates must be done	5	High	Suruthika P Suruthika A

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	16	6 Days	24 Oct 2022	29 Oct 2022		29 Oct 2022
Sprint-2	8	6 Days	31 Oct 2022	05 Nov 2022		05 Nov 2022
Sprint-3	12	6 Days	07 Nov 2022	12 Nov 2022		12 Nov 2022
Sprint-4	12	6 Days	14 Nov 2022	19 Nov 2022		19 Nov 2022

Velocity:

Let's calculate the team's average velocity (AV).

AV = Total story points / Total no. of sprints

= 48 / 4

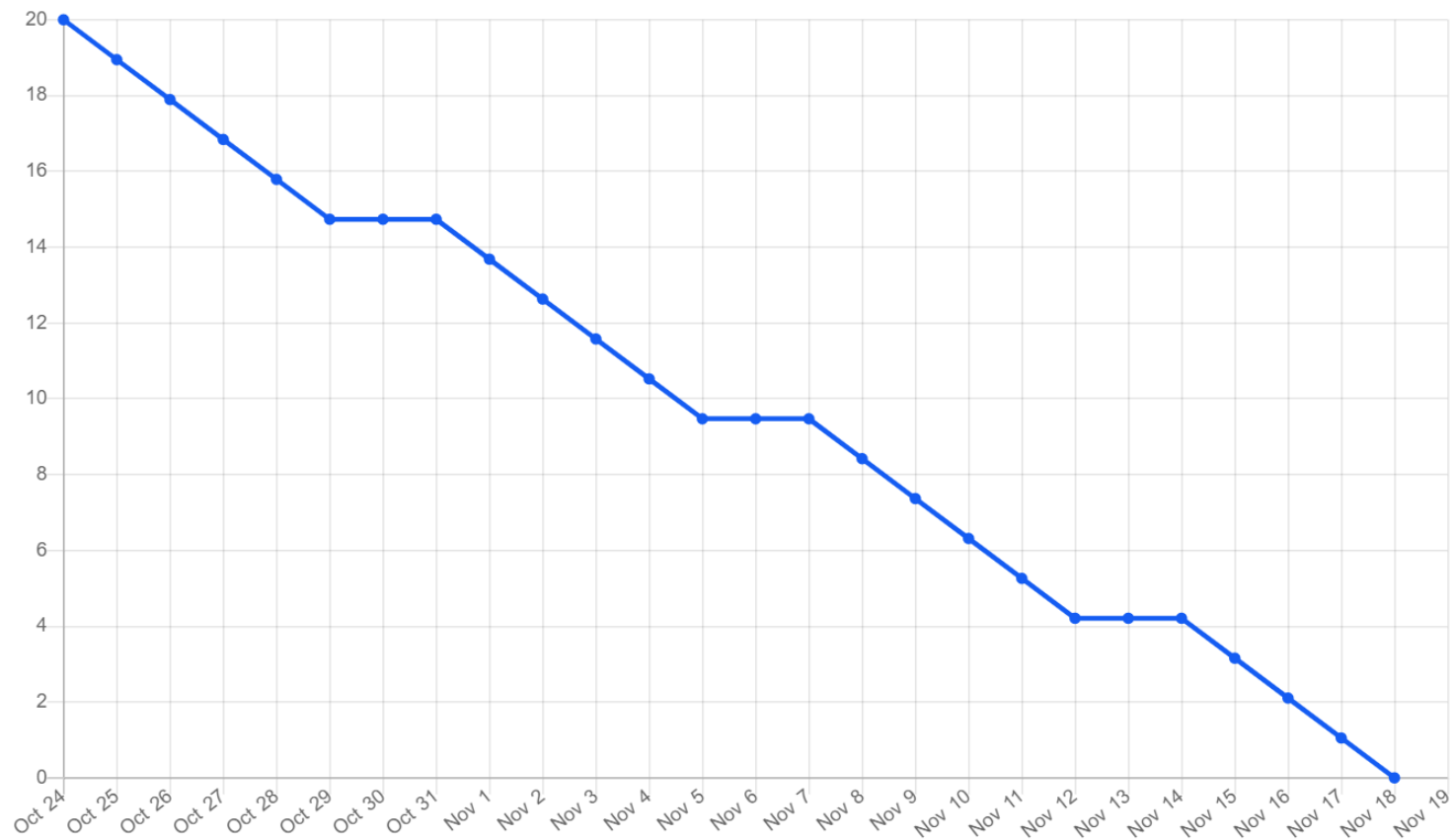
= 12

So the amount of work to be done on each sprint is **12** story points.

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.

Burndown Chart



ROADMAP using JIRA SOFTWARE

