

# Project Planning - [Milestone, Activity List & Sprint Delivery Plan]

Date	21 October 2022
Team ID	PNT2022TMID32615
Project Name	Exploratory Analysis of RainFall Data in India for Agriculture
Maximum Marks	8 Marks

## Product Backlog, Sprint Schedule, and Estimation:

Sprint	Functional Requirement [Epic]	User Story Number	User Story / Task / Activity	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	User can register for the application by entering email, password.	5	High	Harinivas, Ashwin Kumar
Sprint-1		USN-2	User will receive confirmation mail or message after the registration process	3	High	Harinivas, Ashwin Kumar
Sprint-1		USN-3	User can be validated by OTP or verification mail.	2	Medium	Harinivas, Ashwin Kumar
Sprint-1	Login	USN-4	Enter the username and password to login to the application	2	High	Archana,Muthulakshmy
Sprint-1		USN-5	The same credentials are used for login in multiple systems.	1	Medium	Archana,Muthulakshmy
Sprint-1	Dashboard	USN-6	Rainfall location can be searched and viewed by the user.	5	High	Archana, Muthulakshmy

Sprint	Functional Requirement [Epic]	User Story Number	User Story / Task / Activity	Story Points	Priority	Team Members
Sprint-2		USN-7	User can view the visualization of the rainfall data for a specific region in India or for a specific time period	3	Medium	Harinivas,Ashwin Kumar
Sprint-2		USN-8	User is able to change the password and view the account details and history.	5	High	Ashwin Kumar, Harinivas
Sprint-2		USN-9	The prediction or analysis request can be asked for the desired region for future or past events respectively	8	High	Archana,Muthulakshmy
Sprint-3		USN-10	User can give the feedback on the user interface.	5	High	Ashwin Kumar,Harinivas
Sprint-3	Support	USN-11	Any user queries are responded via gmail or telephone.	2	Medium	Archana,Muthulakshmy
Sprint-3		USN-12	The team must analyze all the queries and try to debug and make plans so that such queries wouldn't be raised again	1	Low	Archana,Muthulakshmy
Sprint-3		USN-13	FAQ session is conducted where commonly asked doubts can be cleared by the team	1	Low	Harinivas, Ashwin Kumar
Sprint-3		USN-14	Based on the priority the queries are answered	5	High	Harinivas, Ashwin Kumar
Sprint-4	Core Function	USN-13	The application is developed and user interface is maintained in a best way.	8	High	Archana,Muthulakshmy
Sprint-4		USN-14	Website is responsive in all devices.	2	Medium	Archana,Muthulakshmy
Sprint-4		USN-15	Any change or updates should be made on time and notified properly.	5	High	Harinivas, Ashwin Kumar

## Project Tracker, Velocity & Burndown Chart:

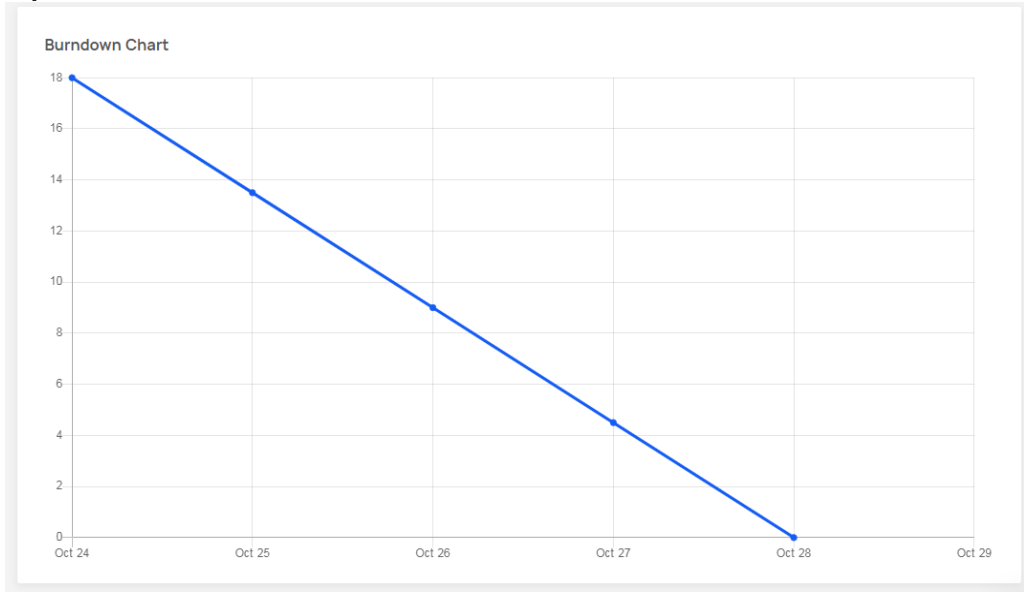
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	18	6 Days	24 Oct 2022	29 Oct 2022	---	29 Oct 2022
Sprint-2	16	6 Days	31 Oct 2022	05 Nov 2022	---	05 Nov 2022
Sprint-3	14	6 Days	07 Nov 2022	12 Nov 2022	---	12 Nov 2022
Sprint-4	15	6 Days	14 Nov 2022	19 Nov 2022	---	19 Nov 2022

### Velocity:

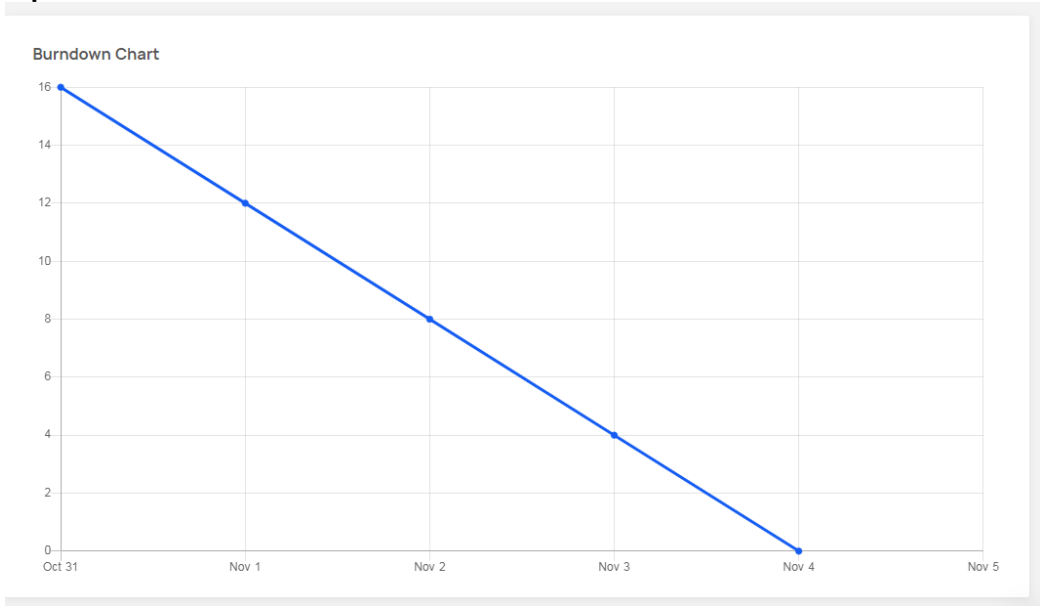
$$\text{Average Sprint Velocity [estimated to be ideal]} = \frac{\text{Story points to be completed out of all user stories}}{\text{Total number of Sprints}} = \frac{63}{4} = 15.75$$

Therefore, the amount of work to be done on each sprint is an average of 15.75 story points.

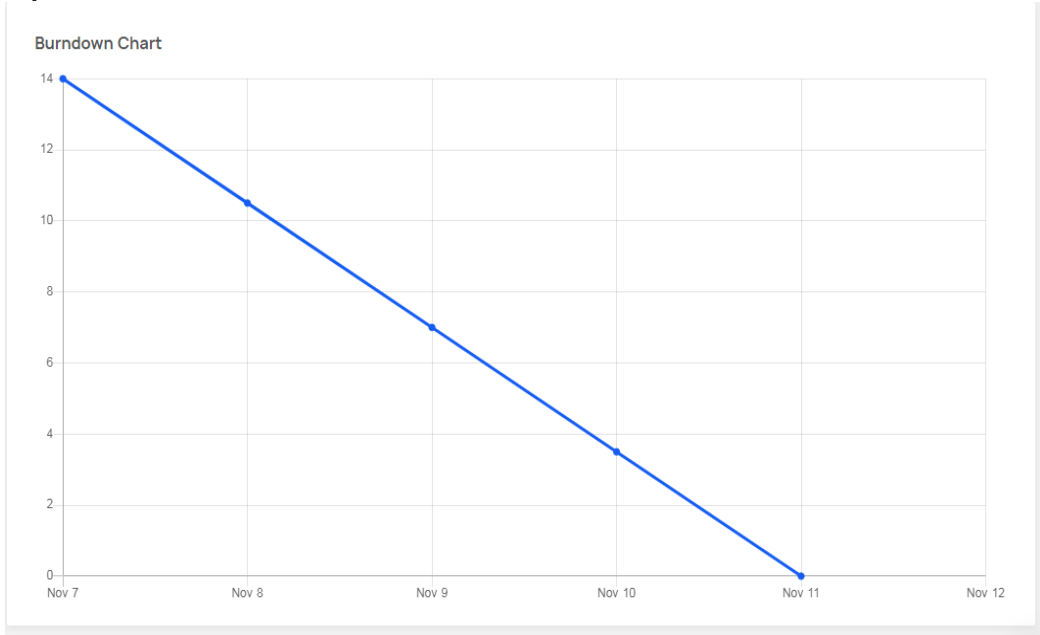
# Sprint-1



# Sprint - 2



# Sprint-3



# Sprint-4

