

Project Planning - [Milestone, Activity List]

Date	31 October 2022
Team ID	PNT2022TMID54006
Project Name	Exploratory Analysis of Rain Fall 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 his or her email, password, and confirming the password	5	High	Veni Shanmuga Priya, Tamilmathi Subitha
Sprint-1		USN-2	User will receive confirmation email or message once registered for the application	3	High	Veni Shanmuga Priya, Manicka Priya
Sprint-1		USN-3	Validation of the user can be done directly using email or OTP	2	Medium	Sujilin, Veni Shanmuga Priya
Sprint-1	Login	USN-4	Enter the username and password to login to the application	2	High	Tamilmathi Subitha, Veni Shanmuga Priya
Sprint-1		USN-5	The existing credentials should be used for login on multiple systems	1	Medium	Veni Shanmuga Priya, Manicka Priya

Sprint-1	Dashboard	USN-6	User can search for the region where he/she wants to know the prediction of rainfall	5	High	Veni Shanmuga Priya,Sujilin
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	Manicka Priya,Tamilmathi Subitha
Sprint-2		USN-8	User can change his/her password and can view the account details and search history	5	High	Sujilin, Manicka Priya
Sprint-2		USN-9	The prediction or analysis request can be asked for the desired region for future or past events respectively	8	High	Manicka Priya,Veni Shanmuga Priya
Sprint-3		USN-10	User can give the feedback on the accuracy of the prediction and on the user interface	5	High	Sujilin,Manicka Priya
Sprint-3	Support	USN-11	Responds to user queries via telephone, email etc.	2	Medium	Sujilin,Tamilmathi Subitha
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	Sujilin,Veni Shanmuga Priya
Sprint-3		USN-13	Organize for a FAQ session where commonly asked doubts can be redressed by the team	1	Low	Sujilin,Manicka Priya
Sprint-3		USN-14	The team must respond immediately to the queries based on the priority	5	High	Sujilin,Tamilmathi Subitha

Sprint-4	Core Function	USN-15	Design, develop the application in such a way that the best user interface and maintenance should be taken care of	8	High	Tamilmathi Subitha,Veni Shanmuga Priya
Sprint-4		USN-16	The website is responsive on all the devices and the screen sizes	2	Medium	Tamilmathi Subitha,Manicka Priya
Sprint-4		USN-17	The updates should be on time with the solutions of the raised queries	5	High	Tamilmathi Subitha,Sujilin

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	7 Days	24 Oct 2022	30 Oct 2022	---	30 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:

Average Sprint Velocity [estimated to be ideal] = $\frac{15.75}{1} = 15.75$

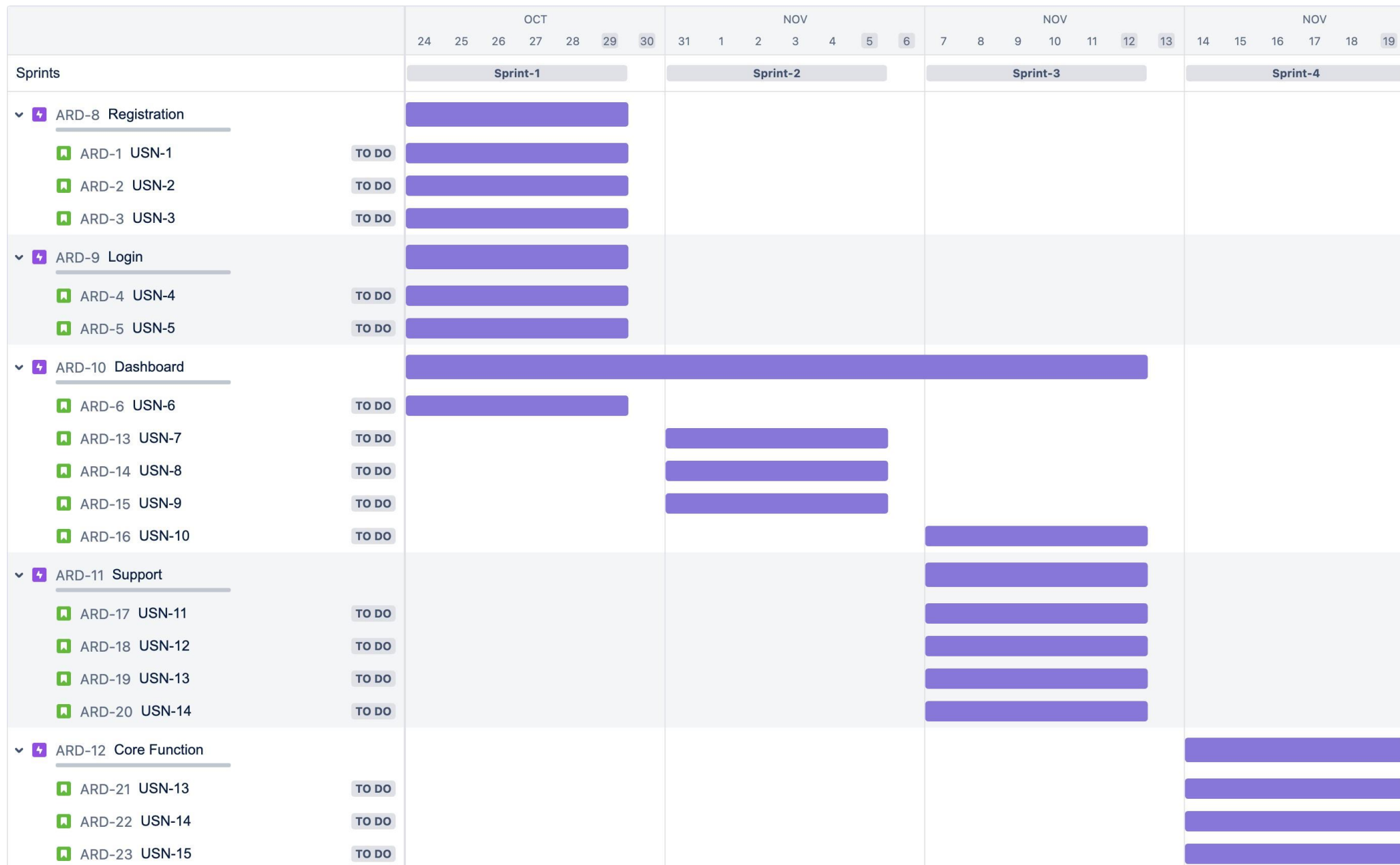
Burndown Chart:

Project progress made till now over time is not measurable under the burnout chart. The chart would be updated later based on the completion of each sprint.

Roadmap & Timeline:

Total Tools Used: 02

*Tool used: **JIRA Software***



Tool Used: **Asana**



Exploratory Analysis on RainFall Data for Agriculture in India ▼ i ★ ○ Set status

Overview List Board **Timeline** Calendar Workflow Dashboard Messages Files

+ Add task ▼

October

November

Today ☑ All tasks

23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

▼ To do

USN-1

USN-7

USN-9

USN-8

USN-6

USN-5

USN-4

USN-2

USN-3

USN-14

USN-13

USN-15

USN-14

USN-13

USN-10

USN-12

USN-11