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

Date	22 October 2022
Team ID	PNT2022TMID22613
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 his or her email, password, and confirming the password	5	High	Thalavai pandian,Muralidaran
Sprint-1		USN-2	User will receive confirmation email or message once registered for the application	3	High	Prasanth ,Sivakavi
Sprint-1		USN-3	Validation of the user can be done directly using email or OTP	2	Medium	Thalavai pandian , Sivakavi
Sprint-1	Login	USN-4	Enter the username and password to login to the application	2	High	Thalavai pandian, Muralidaran, Prasanth
Sprint-1		USN-5	The existing credentials should be used for login on multiple systems	1	Medium	Muralidaran ,Sivakavi
Sprint-1	Dashboard	USN-6	User can search for the region where he/she wants to know the prediction of rainfall	5	Medium	Sivakavi ,Prasanth,Muralidaran

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	Thalavai pandian,Prasanth
Sprint-2		USN-8	User can change his/her password and can view the account details and search history	5	High	Thalavai pandian , Muralidaran,Sivakavi
Sprint-2		USN-9	The prediction or analysis request can be asked for the desired region for future or past events respectively	8	High	Prasanth,Sivakavi,Thalavai pandian
Sprint-3		USN-10	User can give the feedback on the accuracy of the prediction and on the user interface	5	High	Muralidaran,Sivakavi
Sprint-3	Support	USN-11	Responds to user queries via telephone, email etc.	2	Medium	Thalavai pandian,Prasanth
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	Prasanth,Sivakavi
Sprint-3		USN-13	Organize for a FAQ session where commonly asked doubts can be redressed by the team	1	Low	Muralidaran,Thalavai pandian
Sprint-3		USN-14	The team must respond immediately to the queries based on the priority	5	High	Prasanth,Sivakavi
Sprint-4	Core Function	USN-13	Design, develop the application in such a way that the best user interface and maintenance should be taken care of	8	High	Sivakavi,Thalavai pandian
Sprint-4		USN-14	The website is responsive on all the devices and the screen sizes	2	Medium	Thalavai pandian , Prasanth,Sivakavi
Sprint-4		USN-15	The updates should be on time with the solutions of the raised queries	5	High	Muralidaran,Prasanth

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	25 Oct 2022	30 Oct 2022	---	30 Oct 2022
Sprint-2	16	6 Days	01 Oct 2022	06 Nov 2022	---	06 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]* = $\frac{\text{St\#\$y p\#()t* t\# +e c\#mp/ete0 \#1t \#2 3// 1*e\$ *t\#\$(e*}}{\text{4\#t3/)1m+e\$ \#2 Sp\$()t*}} = \frac{56}{7} = 15.75$

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

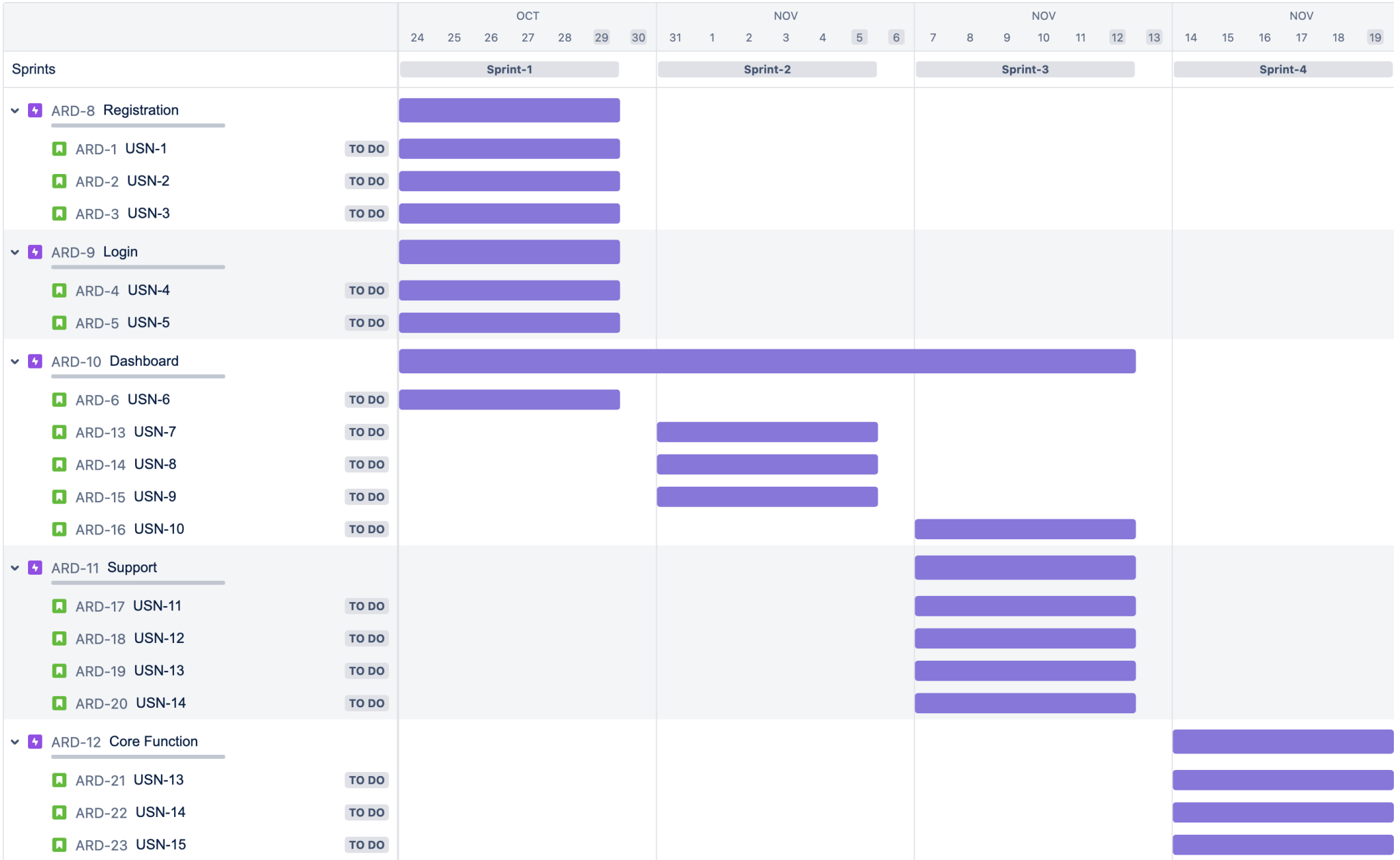
Burndown Chart:

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***