

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

Date	03/11/2022
Team ID	PNT2022TMID06362
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	Maheswari,Arun Jacob,Aadhithya, Sundaramaharajan
Sprint-1		USN-2	User will receive conformation email or message once registered for the application	3	High	Maheswari, Arun Jacob, Aadhithya, Sundaramaharajan
Sprint-1	Login	USN-3	Enter the username and password to login to the application	2	High	Maheswari,Arun Jacob,Aadhithya, Sundaramaharajan
Sprint-2	Dashboard	USN-4	User can visualization of the rainfall data for a specific time period	3	Medium	Aadhithya,Maheswari
Sprint-2		USN-5	User can change his/her password and can view the account details and search history	5	High	Arun Jacob, Sundaramaharajan
Sprint-3	Support	USN-6	User can give the feedback on the accuracy of the prediction and on the user interface	5	High	Aadhithya, Maheswari
Sprint-3		USN-7	Responds to user queries via email	2	Medium	Arun Jacob, Sundaramaharajan

Sprint-3		USN-8	The team must respond immediately to the queries based on the priority	5	High	Aadhithya, Maheswari
Sprint-4	Core Function	USN-9	User can enter the temperature condition of the environment	8	High	Maheswari, Arun Jacob, Aadhithya Sundaramaharajan
Sprint-4		USN-10	Prediction of rainfall and displaying of result	2	Medium	Sundaramaharajan, Arun Jacob, Aadhithya, Maheswari
Sprint-4		USN-11	The website is response on all the device and the screen sizes	5	High	Sundaramaharajan, Arun Jacob, Aadhithya, Maheswari

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	10	6 Days	30 Oct 2022	04 Nov 2022	---	05 Nov 2022
Sprint-2	07	5 Days	03 Nov 2022	07 Nov 2022	---	08 Nov 2022
Sprint-3	12	6 Days	08 Nov 2022	13 Nov 2022	---	14 Nov 2022
Sprint-4	15	5 Days	14 Nov 2022	18 Nov 2022	---	19 Nov 2022

Velocity:

Average Sprint Velocity [Estimated To Be Ideal] = $\frac{\text{Story points to be completed out of all user stories}}{\text{Total Number Of Sprints}}$

$$= \frac{44}{4} = 11$$

Therefore, The amount of work to be done on each Sprint in an average of 11 story points.

