

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

Date	03 October 2022
Team ID	PNT2022TMID04534
Project Name	Project - 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
Sprint1	Registration	USN-1	User can register for the application by entering the email, password and other details.	5	High	Nandha Kishore, Jayaram, Nithiesh,
Sprint1		USN-2	User receive the conformation mail.	4	High	Nandha Kishore, Nithiesh,Karmukil
Sprint1	Login	USN-3	User can login through the registered email and password.	5	High	Nandha Kishore, Jayaram, Nithiesh,Karmukil
Sprint1		USN-4	User can change the password and other things	6	High	Jayaram, Nithiesh,Karmukil
Sprint2	Dashboard	USN-5	User can view the details about the page.	4	Medium	Nandha Kishore, Jayaram,Karmukil
Sprint2	Data Prediction	USN-6	User can search the area /place where user want toget the datas.	5	High	Nandha Kishore, Jayaram, Nithiesh,Karmukil
Sprint2		USN-7	User can see the visualization of the rainfall	6	High	Nandha Kishore, Nithiesh,Karmukil
Sprint2		USN-8	The prediction for the region for the future or past events respectively.	5	High	Nandha Kishore, Jayaram, Nithiesh
Sprint3	Information	USN-9	User can get the extra information about the agriculture	6	Medium	Jayaram, Nithiesh,Karmukil
Sprint4		USN-10	User can ask any queries related to agriculture.	6	High	Nandha Kishore, Jayaram,Karmukil

Sprint3		USN-11	The incharge can analyse and rectify the mistakes	5	High	Nandha Kishore, Jayaram, Nithiesh, Karmukil
Sprint3		USN-12	Organize query session	3	Medium	Nandha Kishore, Nithiesh, Karmukil
Sprint4	Core	USN-13	Develop the application that the user interface and maintainance should be taken care	6	High	Nandha Kishore, Jayaram, Nithiesh, Karmukil
Sprint4		USN-14	The website is responsive	6	High	Nandha Kishore, Jayaram, Nithiesh
Sprint4		USN-15	The datas should be updated frequently.	8	High	Nandha Kishore, Jayaram, Nithiesh, Karmukil

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Story Points Completed	Sprint Release Date
Sprint-1	20	6 Days	25 Oct 2022	30 Oct 2022	20	30 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	5 Nov 2022	20	5 Nov 2022
Sprint-3	20	6 Days	6 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	13 Nov 2022	19 Nov 2022	20	19 Nov 2022

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Velocity:

Imagine we have a 5-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$\text{AV} = \text{Sprint duration} / \text{Velocity} = 20 / 5 = 4$$
$$\text{Total Average Velocity} = 4$$

RoadMap & Timeline

Tool Used: JIRA Software



