

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

Date	10 February 2025
Team ID	LTVIP2026TMIDS54583
Project Name	Exploratory-Analysis-Of-RainFall-Data-In-India-For-Agriculture
Maximum Marks	5 Marks

Sprint - 1

Product Backlog, Sprint Schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Rainfall Data Module	USN-1	As a user, I can view past rainfall data (10+ years).	3	High	Team
Sprint-1	Rainfall Data Module	USN-2	As a farmer, I can see rainfall trends and predictions.	5	High	Team
Sprint-1	Weather Monitoring	USN-3	As a user, I can check climate and temperature changes.	3	High	Team

Sprint - 2

Epic: Rainwater Harvesting & Water Management

Sprint	Functional Requirement	USN	User Story	Story Points	Story Points Completed (as on Planned End Date)
Sprint-2	Rainwater Harvesting	USN-4	As a farmer, I can learn rooftop rainwater harvesting methods.	3	High
Sprint-2	Solar Pump Integration	USN-4	As a farmer, I can access solar pump irrigation guidance.	4	Medium
Sprint-3	Groundwater Monitoring	USN-4	As a user, I can check groundwater levels.	3	High

Sprint – 3

Sustainable & Advanced Solutions

Sprint	Functional Requirement	USN	User Story	Story Points	Story Points Completed (as on Planned End Date)
Sprint 3	Desalination Info	USN-7	As a user, I can understand desalination methods for water scarcity.	3	Medium
Sprint 3	Moisture Harvesting	USN-8	As a user, I can learn about harvesting water from air.	3	Low
Sprint 3	Tree Plantation Awareness	USN-9	As a user, I can view benefits of planting trees.	2	Medium