

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID29879
Project Name	Project - Real Time River Water Monitoring and Control system
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
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	T.Divya
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	M.Madhu
Sprint-1	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	M.Bhoshika
Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail	2	Medium	M.Jeevajothi
Sprint-1	Registration	USN-5	As a user, I can log into the application by entering email & password	1	low	T.Divya
Sprint-2	Login	USN-1	As a user I need to register for that mobile UI access	3	High	M.Madhu
Sprint-2	Login	USN-6	As a user I will have mobile UI to access the product	2	Medium	M.Bhoshika
Sprint-2	Login	USN-2	As a product user ,I get OTP for verification	3	High	M.Jeevajothi

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Login	USN-3	As a user ,I get access for the mobile UI	2	Medium	T.Divya
Sprint-3	Dashboard	USN-7	dashboard for cloud API	5	High	T.Divya
Sprint-4	Model delivery	USN-8	user monitor and control model	5	High	M.Jeevajoithi

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

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	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	5	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	5	19 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

iteration unit (story points per day)

Burndown Chart:



