

ProjectPlanningPhase
ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)

Date	17 November 2022
TeamID	PNT2022TMID34062
ProjectName	Project – EXPLORATORY ANALYSIS OF RAINFALL DATA IN INDIA FOR AGRICULTURE.
MaximumMarks	8Marks

ProductBacklog,SprintSchedule,andEstimation(4Marks)

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-2	Registration	USN-4	As a user, they can register for the application through Gmail. Password is setup.	5	Medium	Thanusha. V
Sprint-2	Login	USN-5	As a user, they can log into the application by entering email & password	5	Medium	Thanusha. V
Sprint-2		USN-6	Credentials should be used for multiple systems and verified	4	Medium	Thanusha. V
Sprint-2	Dashboard	USN-7	Attractive dashboard forecasting live weather	6	Low	Thanusha. V

ProjectTracker, Velocity&BurndownChart:(4Marks)

Sprint	Total StoryPoints	Duration	Sprint Start Date	Sprint End Date(Planned)	StoryPoints Completed (as onPlannedEndDate)	Sprint Release Date(Actual)
Sprint-2	20	6Days	31Oct2022	05 Nov 2022	20	05 Nov 2022

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)

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

$$=4 \text{ Total Average Velocity} = 4$$

BurndownChart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burndown charts can be applied to any project containing measurable progress over time.

Tool: Jira Software

