

## ProjectPlanningPhase

### ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)

Date	18October2022
TeamID	PNT2022TMID40831
ProjectName	Project – EXPLORATORY ANALYSIS OFRAINFALL DATA IN INDIA FORAGRICULTURE.
MaximumMarks	8Marks

### ProductBacklog,SprintSchedule,andEstimation(4Marks)

Usethebelowtemplatetocreate productbacklogandsprintschedule

Sprint	FunctionalR equirement (Epic)	User StoryNum ber	UserStory/Task	Story Points	Priority	TeamMembers
Sprint-3	RainfallPrediction	USN-8	Userenterthelocation,temperature,hu midity	10	High	Archana.M
Sprint-3		USN-9	Predicttherainfallanddisplay theresult	10	High	Archana.M

**ProjectTracker,Velocity&BurndownChart:(4Marks)**

Sprint	Total StoryPoints	Duration	Sprint Start Date	Sprint End Date(Planned)	StoryPoints Completed (as onPlannedEndDate)	Sprint Release Date(Actual)
Sprint-3	20	6Days	07 Nov 2022	12 Nov 2022	20	12 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

