# ProjectPlanningPhase

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

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|---|---|
| Date | 17November2022 |
| TeamID | PNT2022TMID34062 |
| ProjectName | Project – EXPLORATORY ANALYSIS OFRAINFALL DATA IN INDIA FORAGRICULTURE. |
| MaximumMarks | 8Marks |

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

Usethebelowtemplatetocreate productbacklogandsprintschedule

| Sprint | FunctionalRequirement (Epic) | User StoryNumber | UserStory/Task | Story Points | Priority | TeamMembers |
|---|---|---|---|---|---|---|
| Sprint-3 | RainfallPrediction | USN-8 | Userenterthelocation,temperature,humidity | 10 | High | Shamini. S |
| Sprint-3 | | USN-9 | Predicttherainfallanddisplay theresult | 10 | High | Shamini. S |

**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) periterationunit(story points perday)

AV= Sprint duration/ Velocity = 20/5

=4TotalAverageVelocity=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 suchasScrum.However,burndowncharts canbe appliedtoany projectcontainingmeasurable progressovertime.

Tool:JiraSoftware