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

Date	15 February 2025
Team ID	PNT2025TMID01160
Project Name	Predicting plant growth stages with environmental and management data using Power Bi
Maximum Marks	5 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	Technical Architecture	GMT-22	Project Flow	2	High	Aditya Singh Parmar
Sprint-1	Data Collection & Extraction	GMT-23	Downloading the dataset	1	High	Aditi Arora
Sprint-1	Prepare the data for visualization	GMT-34	Prepare the data for visualization	3	Low	Anjani Kushwaha
Sprint-1	Data Visualization	GMT-27	Visualization of data	2	Medium	Aditya Singh Parmar, Aditi Arora, Anjani Kushwaha
Sprint-1	Dashboard	GMT-28	Responsive and Design of Dashboard	5	High	Aditya Singh Parmar, Aditi Arora, Anjani Kushwaha, Amit Yadav
Sprint-2	Design of Report	GMT-32	Report	2	High	Anjani Kushwaha
Sprint-2	Performance Testing	GMT-33	Utilization of DAX Expression, Number of visualization/Graphs	3	High	Aditya Singh Parmar, Aditi Arora

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	13	3 Days	07 Feb 2025	09 Feb 2025	13	10 Feb 2025
Sprint-2	05	2 Days	10 Feb 2025	11 Feb 2025	05	11 Feb 2025

Velocity:

Sprint 1 = 13

Sprint 2 = 05

Velocity= Total Story Points Completed/ Number of Sprints

Total story Points= 13+5 =18
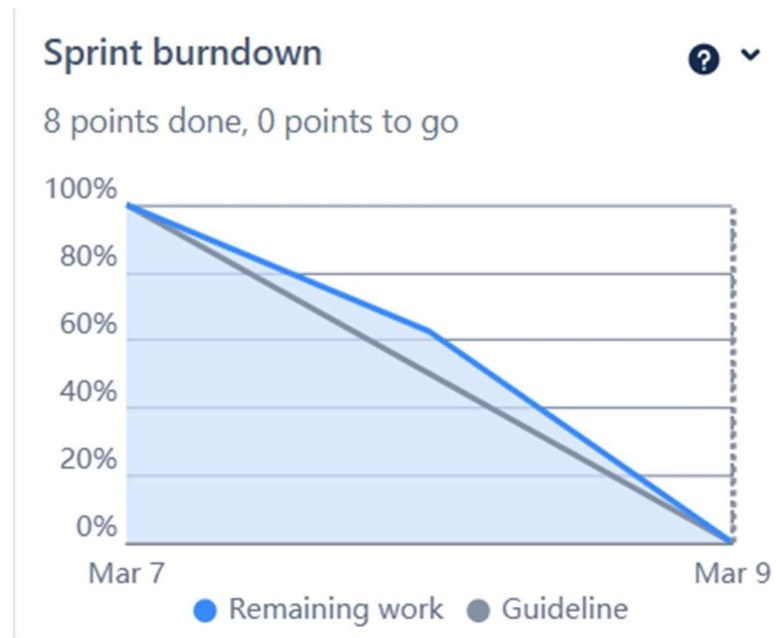
No of Sprints= 2

Velocity = (13+5)/2= 18/2

09(Story Points per Sprint)

Your team's velocity is 9 Story Points per Sprint.

Burndown Chart:

Sprint 1:

Sprint burndown

8 points done, 0 points to go

Sprint 2:

Sprint burndown ❓ ⌄

5 points done, 0 points to go

● Remaining work ● Guideline

Timeline:

	FEB	MAR
Sprints		

- ☐ ∨ ⚡ GMT-21 Data Collection
  - ☐ 🔖 ~~GMT-22~~ Collect the data **DONE** (HP)
  - ☐ 🔖 ~~GMT-23~~ Load Data in Power BI **DONE** (HP)
- ☐ ∨ ⚡ GMT-24 Data Processing
  - ☐ 🔖 ~~GMT-34~~ Transforming of data **DONE** (C)
- ☐ ∨ ⚡ GMT-26 Data Visualization and Development
  - ☐ 🔖 ~~GMT-28~~ Creating Interactive ... **DONE** (AR)
  - ☐ 🔖 ~~GMT-27~~ Visualization of data **DONE** (AR)
- ☐ ∨ ⚡ GMT-31 Project Documentation and... + •••
  - ☐ 🔖 ~~GMT-32~~ Record explanation ... **DONE** (C)
  - ☐ 🔖 ~~GMT-33~~ Project Documentati... **DONE** (AR)