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

Date	15 February 2025
Team ID	PNT2025TMID01163
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	User Story Number	User story /Task	Story points	Priority	Team members
Sprint -1	Technical Architecture	GMT-22	Project flow	2	high	Anmol Agarwal
Sprint -1	Data collection & Extraction	GMT-23	Downloading the dataset	1	high	Ansh Mittal
Sprint -1	Prepare the data for visualisation	GMT-34	Prepare the data for visualisation	3	low	Ajeet Sharma

Sprint						
Sprint-1	Data visualisation	GMT-27	Visualisation of data	2	medium	Anmol Agarwal, Ansh Mittal
Sprint-1	Dashboard	GMT-28	Responsive and design of dashboard	5	high	Anmol Agarwal, Ansh Mittal, Ajeet Sharma, Ashish Kumar Raghav
Sprint-2	Design of Report	GMT-32	Report	2	high	Ashish Kumar Raghav
Sprint-2	Performance Testing	GMT-33	Utilization of DAX Expressions Number of visualisation/Graphs	3	high	Anmol Agarwal, Ajeet Sharma, Ansh Mittal

Project Tracker, Velocity & Burndown Chart (1 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

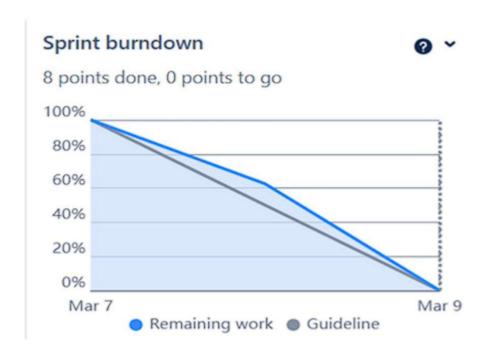Total Story Points = 13 + 5 = 18

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

Mar 7 — Mar 9

● Remaining work ● Guideline

Sprint 2:

Sprint burndown ❓ ⌄

5 points done, 0 points to go

Mar 10 — Mar 11

● Remaining work ● Guideline

Timeline:

	FEB	MAR
Sprints		▭ ▭
☐ ⌄ ⚡ GMT-21 Data Collection		▭▭▭
☐ 🔖 ~~GMT-22~~ Collect the data **DONE** 🅗🅟		▭
☐ 🔖 ~~GMT-23~~ Load Data in Power BI **DONE** 🅗🅟		▭
☐ ⌄ ⚡ GMT-24 Data Processing		▭
☐ 🔖 ~~GMT-34~~ Transforming of data **DONE** 🅒		▭
☐ ⌄ ⚡ GMT-26 Data Visualization and Development		▭
☐ 🔖 ~~GMT-28~~ Creating Interactive ... **DONE** 🅐🅡		▭
☐ 🔖 ~~GMT-27~~ Visualization of data **DONE** 🅐🅡		▭
☐ ⌄ ⚡ GMT-31 Project Documentation and... ＋ •••		▭
☐ 🔖 ~~GMT-32~~ Record explanation ... **DONE** 🅒		▭
☐ 🔖 ~~GMT-33~~ Project Documentati... **DONE** 🅐🅡		▭