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

Date	20 October 2023
Team ID	F0D5C3415502FE8A788464F188059430
Project Name	Data Titans: Unearthing Trends from LinkedIn Influencers
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story/Task	Story Points	Priority	Team Members
1	Data Collection	US1	Collect LinkedIn data	5	High	Pavithira, Aathif
		US2	Build data ingestion system	8	High	Rajesh
2	Data Processing	US3	Design data processing pipeline	5	High	Gopinath
		US4	Develop trend detection algorithms	8	High	Gopinath, Aathif
3	User Analytics	US5	Implement user analytics	5	High	Pavithira
		US6	Create visualization and reporting	8	High	Pavithira, Gopinath
4	Data Storage	US7	Set up database and storage	5	Medium	Aathif , Rajesh
5	User Interface	US9	User interface design	3	Low	Pavithira
6	Quality Assurance	US10	Testing and quality assurance	5	Low	Gopinath, Aathif , Pavithira

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)
1	20	1 Day	16 Oct 2023	16 Oct 2023	16 Oct 2023	16 Oct 2023
2	20	1 Day	17 Oct 2023	17 Oct 2023	17 Oct 2023	17 Oct 2023
3	20	1 Day	18 Oct 2023	18 Oct 2023	18 Oct 2023	18 Oct 2023
4	20	1 Day	19 Oct 2023	19 Oct 2023	19 Oct 2023	19 Oct 2023

Velocity :

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Average Velocity = (8 + 5 + 8 + 3 + 5 + 5) / 6 = 69 / 6 = 29.8

Burndown Chart:

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

https://www.linkedin.com/pulse/model-burndown-chart-shawn-zanganeh-mba

Reference:

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