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

Date	21 July 2025
Team ID	Vivek Mahadev Jangam
Project Name	FetalAI: USING MACHINE LEARNING TO PREDICT AND MONITOR FETAL HEALTH
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation:

Sprint	Functional Requirement (Epic)	User Story Number	User Story/Task	Story Point	Priority	Team Member
Sprint-1	Prediction	USN-1	Analyse/Predict for new data	2	High	NA
Sprint-1		USN-2	User get Predicted output	1	High	NA
Sprint-2		USN-3	User missed a field area in analyse	1	Medium	NA
Sprint-3		USN-4	User go to About page	1	Low	NA
Sprint-3		USN-5	User go to Contact Us page	2	Low	NA

Project Tracker, Velocity & Burndown Chart:

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Point Completed (as on planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	4 Days	25 Aug 2024	28 Aug 2024	20	28 Aug 2024
Sprint-2	20	4 Days	30 Aug 2024	02 Sept 2024	20	02 Sept 2024
Sprint-3	20	4 Days	04 Sept 2024	07 Sept 2024	20	07 Sept 2024

Velocity:

Let's calculate the team's average velocity (AV) per iteration unit (story points per day):

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{4} = 5$$

Burndown Chart: