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

Date	10 NOVEMBER 2023
Team ID	Team-592253
Project Name	FetalAI: USING MACHINE LEARNING TO PREDICT AND MONITOR FETAL HEALTH
Maximum Marks	8 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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Shaik Shareef,Kiran Kishore
Sprint-1	Data Entry	USN-2	As an user, I can enter my data	1	High	Vaishnavi, Chiranjeevi
Sprint-2	Result	USN-3	As an user, I can analyse my result	2	Low	Kiran

						Kishore, Chiranjeevi
Sprint-1	User interface	USN-4	As an user, I should have easy ui	2	Medium	Shaik Shareef
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Kiran Kishore

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	20	6 Days	31 Oct 2023	05 NOV 2023	20	3 NOV 2023
Sprint-2	20	6 Days	07 Oct 2023	10 Nov 2023	20	5 NOV 2023
Sprint-3	20	6 Days	14 Nov 2023	17 Nov 2023	20	15 NOV 2023

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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

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 such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts