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

Date	27 October 2023
Team ID	Team-591549
Project Name	Audiometric AI: Transforming Hearing Test Diagnosis Through ML
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	User Feature	USN-1	Multilingual Support	5	High	
Sprint-1		USN-2	Text to Speech	3	High	
Sprint-1		USN-3	Account less Access	5	High	
Sprint-2	Registration	USN-4	Gmail register	3	Medium	
Sprint-2	Login	USN-5	Log in	2	low	
Sprint-3	Registration	USN-6	Register for Website	3	low	
Sprint-3		USN-7	Confirmation e-mail	4	low	
Sprint-3		USN-8	Facebook login	3	low	

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	6 Days	18 Oct 2023	24 Oct 2023	8	24 Oct 2023
Sprint-2	5	6 Days	25 Oct 2022	02 Nov 2023		
Sprint-3	10	6 Days	03 Nov 2022	9 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