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

Date	5 November 2023
Team ID	Team-591086
Project Name	A sleep tracking app for a better night's rest.
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.	5	High	Megha, Vikash
Sprint-2	Login	USN-2	As a user, I can log into the application by entering email & password	5	High	Megha, Vaibhav
Sprint-3	Dashboard	USN-3	I can start or stop to track my sleep.	10	medium	Vikash, Megha
Sprint-4	Dashboard	USN-4	I can see how much I slept and how much I must sleep to get perfect sleep time.	5	High	Vaibhav, Megha
Sprint-5	Dashboard	USN-5	I can see sleep history for the last week.	5	High	Vikash,Megha, Vaibhav

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story points	Duration	Sprint start date	Sprint end date	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	5	1 Day	4 Nov 2023	5 Nov 2023	2	5 Nov 2023
Sprint-2	5	1 Day	5 Nov 2023	6 Nov 2023	8	7 Nov 2023
Sprint-3	10	0.5 Day	6 Nov 2023	6 Nov 2023	10	6 Nov 2023
Sprint-4	5	2 Days	6 Nov 2023	8 Nov 2023	18	9 Nov 2023
Sprint-5	5	1 Day	8 Nov 2023	9 Nov 2023	25	9 Nov2023

Velocity:

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

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.