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

Date	17 November 2023
Team ID	Team- 591754
Project Name	Predicting Mental Health Illness of Working Professionals
Maximum Marks	8 Marks

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

Sprint	User Story Number	User Story / Task	Story Points	Priority	Team Members
1	USN-1	As a data scientist, I want to collect a diverse dataset containing mental health-related features to build a prediction	2	High	jayanth

		model.			
	USN-2	As a data scientist, I want to perform exploratory data analysis (EDA) to understand the dataset's characteristics.	2	Medium	subhash
2	USN-3	As a data scientist, I want to choose appropriate machine learning algorithms and techniques for building a mental health prediction model.	1	High	krishna
	USN-4	As a data scientist, I want to evaluate the model's performance using relevant evaluation metrics.	2	Medium	shyam

3	USN-5	As a user, I want to access a user-friendly web interface where I can input my information to receive a mental health prediction.	1	High	subhash
	USN-6	As a user, I want to receive clear and easy-to-understand results that indicate whether I might need mental health treatment.	2	High	shyam
4	USN-7	As a data scientist, I want to conduct rigorous testing to ensure the model's predictions are accurate and reliable.	1	High	jayanth
	USN-8	As a user, I want to test the user interface and provide feedback for improvements.	2	Medium	krishna

5	USN-11	As a data scientist, I want to deploy the model and user interface to a secure and accessible platform.	1	High	jayanth
	USN-12	As a user, I want to access the mental health prediction tool online via my webbrowser.	2	High	shyam

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as of Planned	Sprint Release Date (Actual)

					End Date)	
Sprint-1	3	2 Days	28 Oct 2023	30 Oct 2023	3	30 Oct 2023
Sprint-2	5	2 Days	31 Oct 2023	2 Nov 2023	8	2 Nov 2023
Sprint-3	10	5 Days	3 Nov 2023	8 Nov 2023	18	8 Nov 2023
Sprint-4	1	4 Days	9 Nov 2023	13 Nov 2023	19	13 Nov 2023

Velocity (average points per sprint): 20

To calculate the team's average velocity per iteration unit (story points per day), you would need to consider the sprint duration. Assuming a 6-day sprint:
Average Velocity (AV) = Velocity (points per sprint) / Sprint Duration (days)

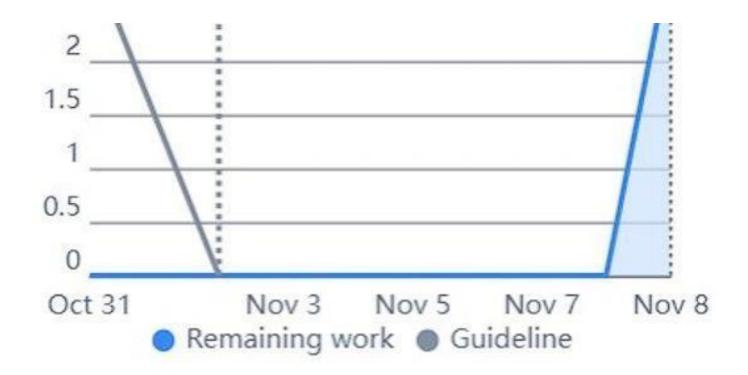*AV = sprint duration/velocity=2+2+5+4+2/5*

=15/5

=3

AVERAGE VELOCITY=3

Burndown Chart :

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software

.A burn down chart is a graphical representation of work left to do versustime.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

TIMELINE: