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

Date	24 October 2023
Team ID	Team-591070
Project Name	CHATCONNECT- A Real time chat and communication app
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	3
Sprint-2		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	2
Sprint-1		USN-3	As a user, I can register for the application through gmail	1	high	1
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	2
Sprint-2	Dashboard	USN-5	As a user, I can select one contact and can message them	1	medium	3
Sprint-1	login	USN-6	As a user, I can log into the application by entering my registered email and password	1	high	2
Sprint-4	Dashboard	USN-7	As a user, I received the message send by the other user	1	medium	3

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	6 Oct 2023	11 Oct 2023	20	11 Oct 2023
Sprint-2	20	6 Days	11 Oct 2023	16 Oct 2023	20	16 Oct 2023
Sprint-3	20	6 Days	18 Oct 2023	23 Oct 2023	20	23 Oct 2023
Sprint-4	20	6 Days	25 Oct 2023	30 Oct 2023	20	30 Oct 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)

$$AV = \text{sprint duration/velocity} = 80/4 = 20$$

Burndown Chart:

A burndown 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.
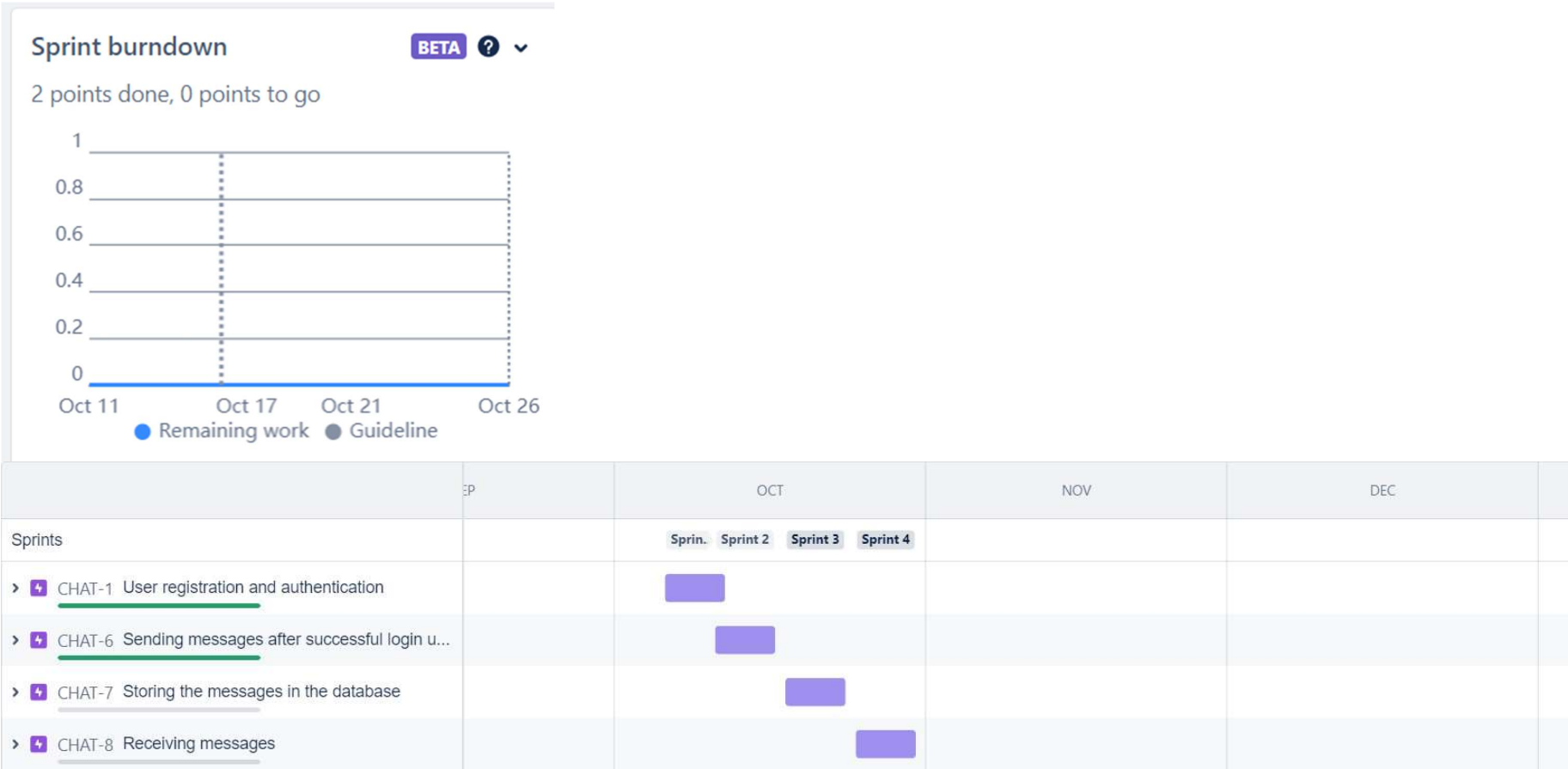
Sprint-1:

Sprint burndown `BETA` ❓ ⌄

5 points done, 0 points to go

Oct 6   Oct 13   Oct 17   Oct 21   Oct 26

● Remaining work   ● Guideline

	EP	OCT	NOV	DEC
Sprints		Sprint 1 Sprin. Sprint 3 Sprint 4		
› ⚡ CHAT-1 User registration and authentication				
› ⚡ CHAT-6 Sending messages after successful login u...				
› ⚡ CHAT-7 Storing the messages in the database				
› ⚡ CHAT-8 Receiving messages				

Sprint-2:

Sprint burndown `BETA` ❓ ⌄

2 points done, 0 points to go

● Remaining work ● Guideline

Sprints	EP	OCT	NOV	DEC
		Sprin. Sprint 2 Sprint 3 Sprint 4		
› ⚡ CHAT-1 User registration and authentication		�		
› ⚡ CHAT-6 Sending messages after successful login u...		▰		
› ⚡ CHAT-7 Storing the messages in the database		▰		
› ⚡ CHAT-8 Receiving messages		▰		

Sprint-3:

Sprint burndown BETA ?

1 point done, 0 points to go

	ΞP	OCT	NOV	DEC
Sprints		Sprin. Sprint 2 Sprint 3 Sprint 4		
› ⚡ CHAT-1 User registration and authentication				
› ⚡ CHAT-6 Sending messages after successful login u...				
› ⚡ CHAT-7 Storing the messages in the database				
› ⚡ CHAT-8 Receiving messages				

Sprint-4:

Sprint burndown BETA ❓ ⌄

1 point done, 0 points to go

	EP	OCT	NOV	DEC
Sprints		Sprin. Sprint 2 Sprint 3 Sprint 4		
⟩ ⚡ CHAT-1 User registration and authentication		�		
⟩ ⚡ CHAT-6 Sending messages after successful login u...		▮		
⟩ ⚡ CHAT-7 Storing the messages in the database		▮		
⟩ ⚡ CHAT-8 Receiving messages		▮		

Remaining work   Guideline

Oct 25   Oct 30

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