

## Project Planning Phase

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

Date	27 October 2023
Team ID	Team-590960
Project Name	Chatconnect - A Real-Time Chat And Communication App
Maximum Marks	8 Marks

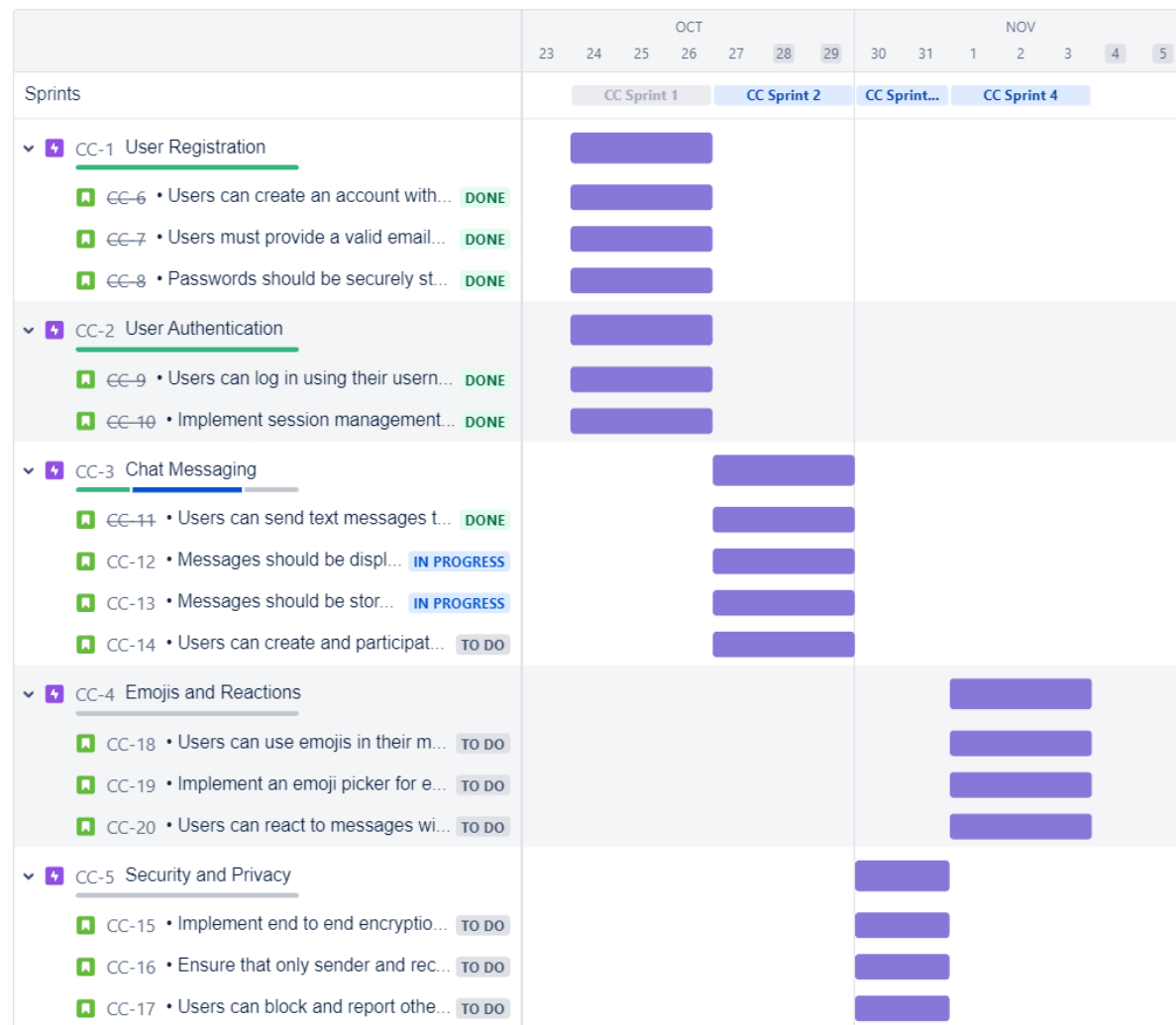
#### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Registration	USN-1	<ul style="list-style-type: none"> <li>Users can create an account with a unique username and password.</li> <li>Users must provide a valid email address for account verification.</li> <li>Passwords should be securely stored and hashed.</li> </ul>	2	Medium	Nauman
Sprint-1	User Authentication	USN-2	<ul style="list-style-type: none"> <li>Users can log in using their username and password.</li> <li>Implement session management for user authentication.</li> </ul>	1	High	Anurag & Vinayak & Nauman
Sprint-2	Chat Messaging	USN-3	<ul style="list-style-type: none"> <li>Users can send text messages to other users.</li> <li>Messages should be displayed in real-time.</li> <li>Messages should be stored for future reference.</li> <li>Users can create and participate in group chats.</li> </ul>	2	High	Anurag & Nauman & Vinayak
Sprint-4	Emojis and Reactions	USN-4	<ul style="list-style-type: none"> <li>Users can use emojis in their messages.</li> <li>Implement an emoji picker for easy selection.</li> <li>Users can react to messages with</li> </ul>	1	Low	Vinayak

			emojis.			
Sprint-3	Security and Privacy	USN-5	<ul style="list-style-type: none"> <li>Implement end to end encryption for messages.</li> <li>Ensure that only sender and receiver can receive messages.</li> <li>Users can block and report other users.</li> </ul>	2	High	Anurag

#### 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	3	2 Days	24 October 2023	26 October 2023	3	6 November 2023
Sprint-2	2	2 Days	27 October 2023	29 October 2023		6 November 2023
Sprint-3	2	1 Day	30 October 2023	31 October 2023		6 November 2023
Sprint-4	1	1 Day	1 November 2023	2 November 2023		6 November 2023



Velocity:

$$AV = \frac{\text{sprint duration}}{\text{velocity}}$$

$$AV = 3/2 = 1.5$$

## Burndown Chart:

