

## Project Planning Phase

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

Date	27 October 2023
Team ID	Team-590882
Project Name	ChatConnect- A Real-Time Chat and Communication App
Maximum Marks	8 Marks

#### Product Backlog, Sprint Schedule, and Estimation

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 want to be able to register with my mobile number and receive an OTP for verification.	5	High	Niranjan, Jayachandra
Sprint-1	Login	USN-2	As a user, I want to be able to log in using my registered mobile number and OTP.	3	High	Niranjan, Jayachandra
Sprint-3	Update Profile Details	USN-3	As a user, I want to update my profile details for my ChatCnnect account.	5	High	Niranjan, Jayachandra
Sprint-2	Send Text messages	USN-4	As a user, I want to send text messages to my contacts in real-time.	8	High	Niranjan, Jayachandra
Sprint-2	Receive Text messages	USN-5	As a user, I want to receive text messages in real-time from my contacts.	8	High	Niranjan, Jayachandra
Sprint-4	Message history	USN-6	As a user, I want to view my chat history with contacts.	5	High	Niranjan, Jayachandra
Sprint-4	Push Notifications	USN-7	As a user, I want to receive push notifications for new messsages.	8	High	Niranjan, Jayachandra
Sprint-4	File Storage	USN-8	As a user, I want my profile details to be stored securely.	5	High	Niranjan, Jayachandra

**Project Tracker, Velocity & Burndown Chart:**

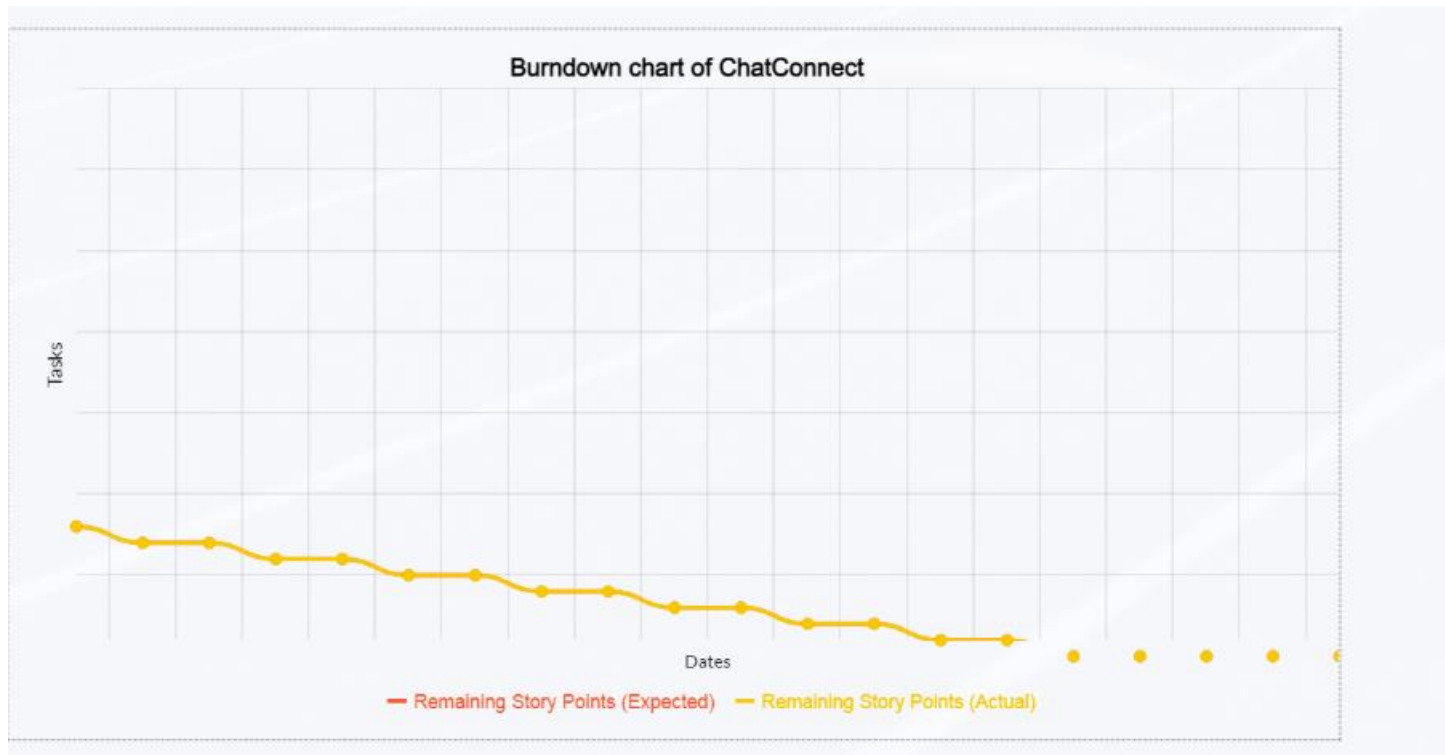
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	8	4 Days	18 Oct 2023	22 Oct 2023	8	22 Oct 2023
Sprint-2	16	6 Days	22 Oct 2023	28 Oct 2022	14	28 Oct 2022
Sprint-3	13	6 Days	29 Nov 2022	3 Nov 2022	13	3 Nov 2022
Sprint-4	13	3 Days	4 Nov 2022	6 Nov 2022	12	6 Nov 2022

**Velocity:**

- Total story points = 47
- Total Sprints = 4
- Average Velocity = (Total Completed Story Points) / (Number of Sprints)  
Average Velocity = 47 story points / 4 sprints  
Average Velocity = 11.75 story points per sprint

### 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.



Day	Remaining Story Points (Expected)	Remaining Story Points (Actual)
Oct-18	8	8
Oct-19	7	7
Oct-20	7	7
Oct-21	6	6
Oct-22	6	6
Oct-23	5	5
Oct-24	5	5
Oct-25	4	4
Oct-26	4	4
Oct-27	3	3
Oct-28	3	3
Oct-29	2	2
Oct-30	2	2
Oct-31	1	1
Nov-01	1	1
Nov-02	0	0
Nov-03	0	0
Nov-04	0	0
Nov-05	0	0
Nov-06	0	0