

Project Planning Phase

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

Date	27 October 2023
Team ID	Team 890535
Project Name	Chatconnect- An AI chatting and learning application
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 new user, I want to sign up using my phone number to create an account.	2	High	Kaushik
Sprint-1		USN-2	As an existing user, I want to sign in using my phone number to use the application	1	High	Kaushik
Sprint-1		USN-3	As a user, I can update my profile details through settings	2	High	Kaushik
Sprint-1		USN-4	As a user, I want to receive a verification code/OTP via SMS for secure authentication	2	High	Kaushik
Sprint-1	Dashboard (App interface)	USN-5	As a user, I can log into the application by numbers(UI design)	1	High	Vishnuthii
Sprint-3	Profile management	USN-6	As a user, I want to share my status/story with my contacts	1	Medium	Aadhithya

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2		USN-7	As a user, I want to manage my profile picture (updating, changing, and removing status/story)	1	High	Vishnuthii
Sprint-4	Chat features	USN-8	As a user, I want to be able to block a report user to reduce fake accounts	2	Medium	Harshitha
Sprint-3		USN-9	As a user, I want to access the user guide chatbot for app assistance	1	Medium	Kaushik
Sprint-3		USN-10	As a user, I want to have the option to select different chat themes for specific chats	2	Low	Harshitha
Sprint-5	Account verification	USN-11	As a user, I want to receive a verified badge once my account is verified	1	Medium	Vishnuthii
Sprint-4	User interactions	USN-12	As a user, I want to search for other users or groups	1	Low	Aadhithya
Sprint-4		USN-13	As a user, I want to create groups for my preferred contacts	1	Low	Kaushik
Sprint-2	Communication	USN-14	As a user, I want to make video calls with my contacts	2	Medium	Harshitha
Sprint-2		USN-15	As a user I want to make audio calls with my contacts	2	Medium	Aadhithya
Sprint-5	Notifications	USN-16	As a user, I want to receive notification for new messages and calls	2	High	Vishnuthii

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	8	6 Days	24 Oct 2023	29 Oct 2023	8	29 Oct 2023
Sprint-2	5	6 Days	31 Oct 2023	05 Nov 2023	5	05 Nov 2023
Sprint-3	4	3 Days	07 Nov 2023	10 Nov 2023	4	10 Nov 2023
Sprint-4	4	3 Days	12 Nov 2023	15 Nov 2023	4	15 Nov 2023
Sprint-5	3	3 Days	16 Nov 2023	18 Nov 2023	3	18 Nov 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)

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

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.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

