

## **Project planning phase**

Date	27 <sup>th</sup> October 2023
Team ID	Team-591094
Project name	Chatconnect – A Real-Time Chat and Communication App
Maximum marks	8 Marks

### **Table1-**

#### **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	User Registration and Login	USN-1	Set up the development environment with the required tools for user registration and login.	1	High	Adit
Sprint-1	Profile Customization	USN-2	Login to your account and the first thing asked will be to customize and setup your profile according to your wish.	2	High	Adit
Sprint-2	Chat Creation and Management	USN-3	As a user, I want to create and manage individual and group chats.	2	High	Rohan
Sprint-2	Real-time Messaging	USN-4	As a user, I want to send and receive messages in real-time within chats.	3	High	Jahnavi
Sprint-3	Notification System	USN-5	As a user, I want to receive notifications for new messages and chat updates.	4	High	Anish
Sprint-3	Search Functionality	USN-6	As a user, I want to search for specific messages and users within the app.	6	medium	Jahnavi
Sprint-4	Privacy Settings	USN-7	As a user, I want to control my privacy settings, including who can see my profile and messages.	1	medium	Anish
Sprint-5	Testing & quality assurance	USN-8	conduct thorough testing of the model and web interface to identify and report any issues or bugs. fine-tune the model hyperparameters and optimize its performance based on user feedback and testing results.	1	medium	Rohan

**Table-2**

Sprint	Total story points	Duration	Sprint start date	Sprint end date(planned)	Story points completed (as on planned end date)	Sprint release date (actual)
Sprint1	3	3 days	28 <sup>th</sup> oct 2023	30 <sup>th</sup> oct 2023	20	30 <sup>th</sup> oct 2023
Sprint2	5	5 days	31 <sup>st</sup> oct 2023	4 <sup>th</sup> nov 2023		
Sprint3	10	5 days	5 <sup>th</sup> nov 2023	9 <sup>th</sup> nov 2023		
Sprint4	1	5 days	10 <sup>th</sup> nov 2023	14 <sup>th</sup> nov 2023		
Sprint5	1	2 days	15 <sup>th</sup> nov 2023	16 <sup>th</sup> nov 2023		

Velocity: Imagine we have a 29-days 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)-

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

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**Burndown chart-**

