

Project Design Phase-I
Proposed Solution Template

Date	23 October 2022
Team ID	Team-591006
Project Name	Project – Chat Connect
Maximum Marks	4 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	In today's fast-paced and digitally connected business landscape, effective communication and collaboration are essential for the success of enterprises.
2.	Idea / Solution description	We are trying to build a chat app to be used in enterprises which are designed to improve communication and collaboration within a business or organization.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">As remote work becomes more prevalent, businesses need a solution that supports both office-based and mobile employees, ensuring access to critical information from anywhere.Enterprises need to ensure the security and confidentiality of their communications, particularly when discussing sensitive or proprietary information.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">As the user base grows, security becomes even more critical. Ensure that the app's security measures can scale and adapt to protect a larger and more diverse user population.In the era of remote work and distributed teams, a well-designed chat app helps bridge geographical gaps, making it easier for employees to work together, regardless of their physical location. This can improve work-life balance and inclusivity.A good chat app can lead to a reduction in email overload. Less reliance on email for internal communication can lead to improved email management and reduced stress among employees.Users often prefer apps that allow for some level of customization. This can include personalized chat settings and integrations with other tools the organization uses.

5.	Business Model (Revenue Model)	Subscription based model
6.	Scalability of the Solution	<ul style="list-style-type: none"> • The chat app should be designed to handle a large number of users, ranging from small teams to entire organizations. This includes support for hundreds, thousands, or even tens of thousands of concurrent users. • As the organization grows, the volume of messages and data exchanged within the app can increase significantly. The app should be able to handle a high number of messages and conversations without degrading performance. • Efficiently manage and store messages and data. Consider using database solutions that are designed for scalability, such as NoSQL databases like Firebase, and implement data sharding when necessary • If your organization operates in a regulated industry, ensure that the chat app can scale while maintaining compliance with industry-specific regulations and standards. • As the user base grows, security becomes even more critical. Ensure that the app's security measures can scale and adapt to protect a larger and more diverse user population.