 SESD3233: Web-Engineering

**SPRING 23**

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CHATTING APP

Project proposal

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**1.Introduction**

Chatting app is a software that enables users

* To chat with one another, one-to-one, or as a group all over the world.
* It makes life easy for the people to communicate throughout the world.
* It allows an AI agent to respond over the messages.

**1.1 Purpose**

The goal of the system is

* To capture time and provide encrypted communication between users via chat, voice call and video call as a one-to-one or a group.
* It also provides recording voice and video calls, send images, documents, user location and text messages.
* This data should be further processed to backup management.

**1.2 Scope**

This Application works in Multiple PC’s installed on multiple Computers but sharing

same database by which users of different department can use it sitting at different

locations simultaneously. But in future we can make the Application where the

database will be hosted in order to manage the all departments which will be located

in different places and by keeping domain of Application as Online.

**2 Description**

The roles of multiple entities/users in the system shall be as:

The administrator will have to maintain the following information:

• User Details

• User History

• User chat

• Users Group and friend list

The administrator will perform the following functions:

• Notification

• Login and logout Management

The User requires the following information:

• Login Id

• Login Password

**3. User Interfaces**

The system will have the following user-friendly and menu-driven interfaces:

(a) **Login**: to allow the entry of only authorized users through valid login ID and

password.

(b) **Add Friend**: Allow user to add new friends in their database.

(c) **Remove Friend:** Allow user to remove or delete friends from their database.

(d) **Block Friend**: Allow user to block a friend on the system.

(e**) Group Chat**: Allow user to create a group or add in a group.

(f) **Log out:** Allow user to log out from the system.