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# Project Charter

## Web Chat Client with Chatbot

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Team 8

Atul Aneja, Jalaleldeen Aref, Tarang Khanna, Wyatt Larkey, and Joel Van Auken

#### **Problem Statement**

Today, a significant portion of communication between people take place in online chat rooms. While these instant messaging platforms perform include lots of fun, interesting features, they tend to stifle productivity and become a distraction. We plan to create a new chat client that people can use to communicate with friends and clients, but also include some productivity tools, namely a chat bot that can retrieve and display stock market information. This way users can continue to enjoy the convenience of a chat room but also have access to useful productivity tools.

#### **Project Objectives**

**- Produce a chat client that performs the following.**

- Allow users to log in and use a basic chat room.
- The chat room will have some basic features including support for text, picture, and video messaging.
- Allow users to communicate with each other via a contact list and chat rooms.
- Allow users to communicate with a chatbot that provides stock information in the chatroom.
- All features included in an intuitive and easy to use interface.

#### **Stakeholders**

Users: People who work in business, stock brokers, investors, people who want to use a chat room that is not distracting and focuses on productivity.

Developers: Atul Aneja, Galal Aref, Tarang Khanna, Wyatt Larkey, and Joel Van Auken.

Project Manager: Wyatt Larkey

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Project Owners: Atul Aneja, Galal Aref, Tarang Khanna, Wyatt Larkey, and Joel Van Auken.

### **Project Deliverables**

- A client application that provides the user with access to a chat room via a web browser (Javascript and hosting via Heroku).
- An intuitive interface that makes using the chat room easy (html, css, javascript).
- Access to chat bot that provides useful stock information to a user in a chatroom (python and api.ai for natural language parsing).