

ONLINE CHATTING APPLICATION

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Abstract. We all know technology is changing rapidly, all over the world, websites are another name for the internet and browsers. In IT industry software development is a growing industry and providing too many career opportunities, as India is evolving with start-ups. Here are the following important facts why we choose web development for the best career.

Keywords: We would like to encourage you to list your keywords here. They should be separated by commas. Keywords (except the first one) start with small letters and the last one ends with a dot.

1. INTRODUCTION

Online chat may refer to any kind of communication over the Internet that offers a real-time transmission of text messages from sender to receiver. Chat messages are generally short in order to enable other participants to respond quickly. Thereby, a feeling similar to a spoken conversation is created, which distinguishes chatting from other text-based online communication forms such as Internet forums and email. Online chat may address point-to-point communications as well as multicast communications from one sender to many receivers and voice and video chat, or may be a feature of a web conferencing service.

The first online chat system was called Talkomatic, created by Doug Brown and David R. Woolley in 1973 on the PLATO System at the University of Illinois. It offered several channels, each of which could accommodate up to five people, with messages appearing on all users' screens character-by-character as they were typed. Talkomatic was very popular among PLATO users into the mid-1980s. In 2014, Brown and Woolley released a web-based version of Talkomatic.

2. DESIGN & IMPLEMENTATION

2.1. TOOLS USED

We will be developing this website with the help of basic tools like:

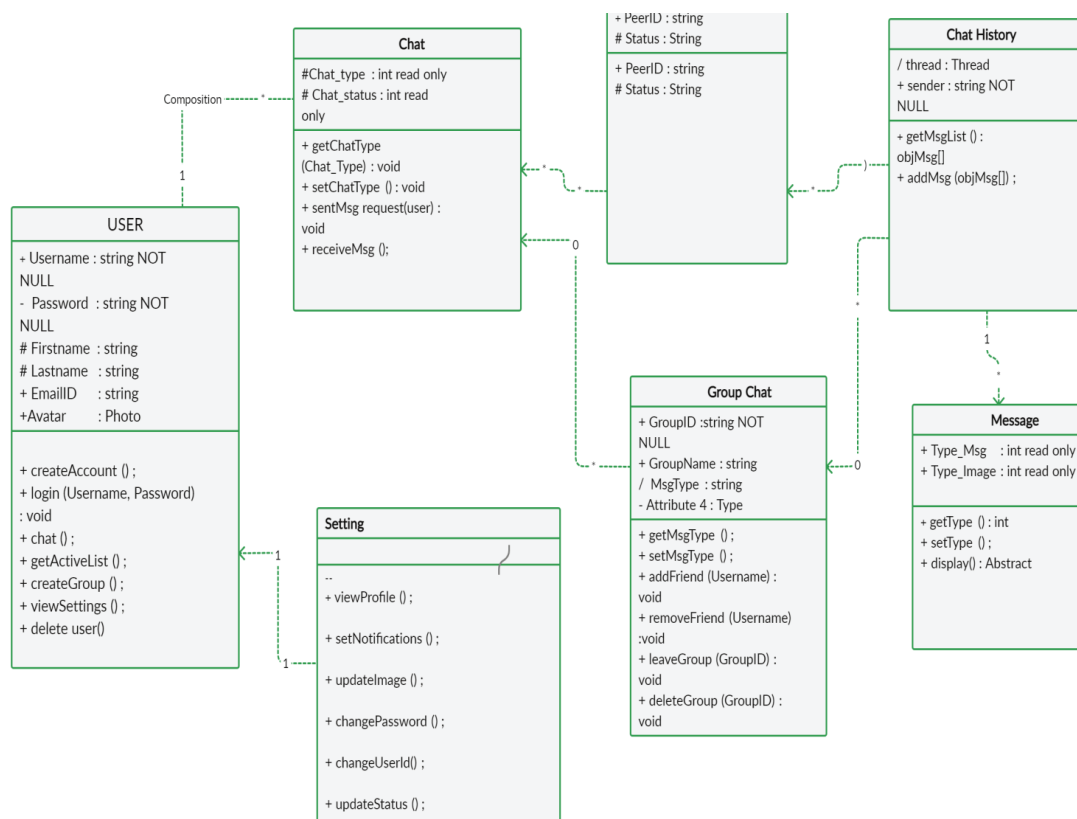
1. Visual Studio: it is a code editor with the best user interface for writing HTML, JavaScript,
2. PHP and CSS codes
3. A Node JS server has to be installed in the device for all the dependencies of the app.
4. We will be use an API React Chat Engine for all the backend service of our app.
5. A live web hosting server will be use in our paper to deploy the app in google so that anyone can search and use it.
6. Google and YouTube for various helps.

2.2. WORKING PRINCIPLES:

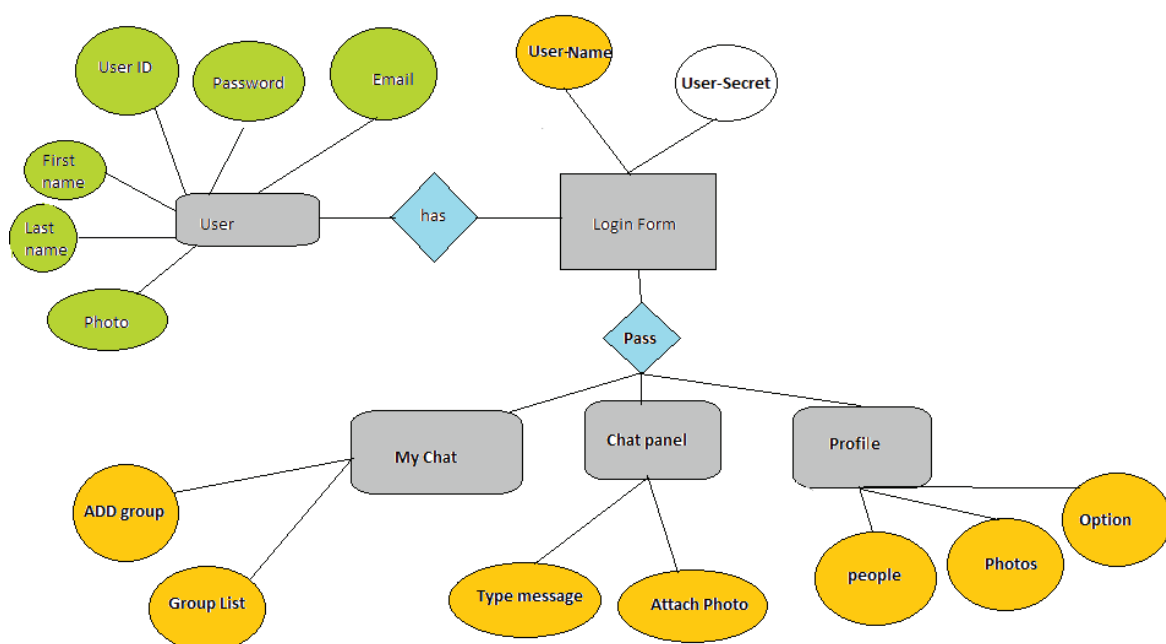
The new user will be provided a user- ID and a user -password So that they can easily login. After login the chat window will be provided to the user where a user can easily chat with others and manages his profile. The chat window has three panels.

1. In the left most there is panel where you can see the chat rooms and chat groups available. you can create a a chat room from here by clicking the (+) plus sign.
2. In the middle panel all the chats will appear of an specific chatroom. From here you can easily send message and photos as well.
3. In the left most screen the panel contains the user details and and some controls. From here you can manage your groups and all photos of an specific group will appear here.

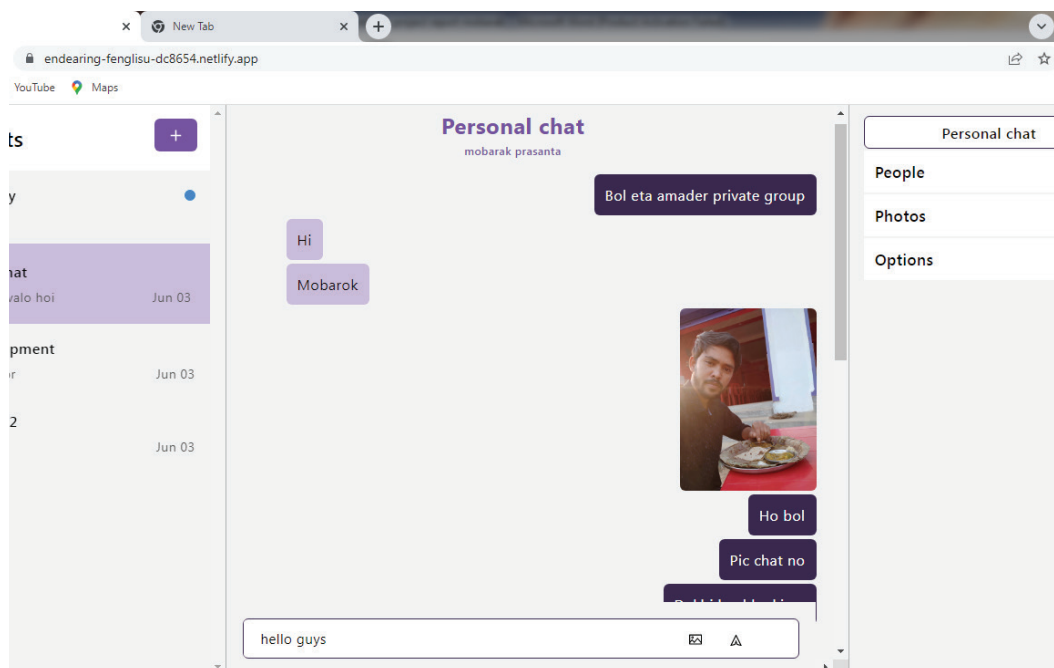
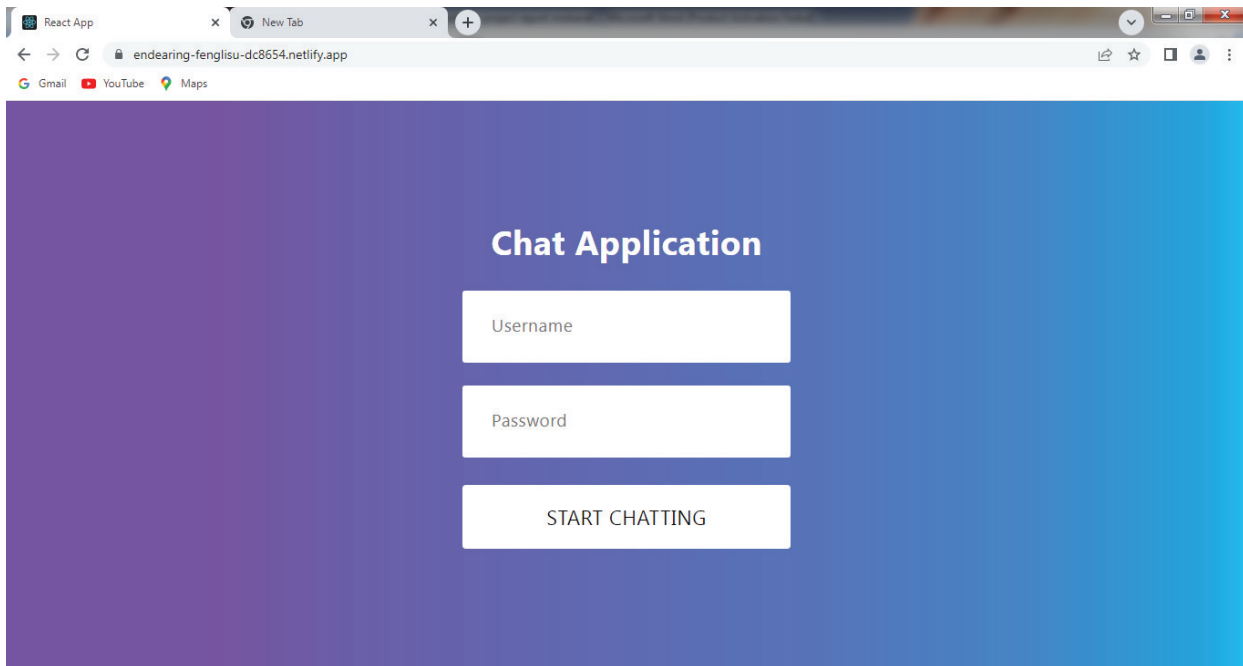
2.3. CLASS DIAGRAM



2.4. ER-DIGRAM



2.5. SCREEN SHOT



3. CONCLUSION

Congratulation! We now have designed our very own web app. Not only we have learned the design aspects but also we have learned how to program in HTML, CSS, JAVA-SCRIPT, REACT JS, API, NODE JS and much more.

Through this paper we are able to see how well we understand the material present and our critical thinking as we designed our site.

At last we wise very very thanks to all our team

4. FUTURE_SCOPE

A web developer is someone who turns designs into websites.

There are so many new messenger apps in current market. With so many newly emerging messenger apps, it seems that the future of messenger apps is really bright and promising.

The future of online message application would be very beneficial as the future is depend on web.

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