Chat Express

Enterprise Chat System Product by Xtreme Security

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Invictus

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1. What is Chat Express?

As a part of our project, we have to develop an Enterprise chat system. It is expected to help the employees of Xtreme security to communicate safely. A central database is developed which stores the metadata of the sent and received messages for the users to browse chat history easily. The users can also track if the message which they have sent has been seen by the receiver or not including the time. The user can set up their status (Available or busy) based on their interest. Furthermore, for security purposes users have to create a username and password to authenticate themselves. The data given by the users while creating their usernames is stored in central database. Finally, this product is developed to be a secured chat system and secures confidential data against 3rd party security breaches.

2. Preface

User Manual or User Documentation is a compilation of details and steps to properly explain the facilities provided and the steps to successfully use the product. Our target audience for this document is any customer wanting to use this chat system. Various sections include requirements and prerequisites that the user should have in their system, for Chat Express to work. A section contains screenshots from our application so the user can view the interface and perform steps more easily. Along with screenshots a step-by-step procedure is included for the user to use other facilities provided in the application (other than the basic chat experience).

3. Glossary and Abbreviations

IP Address: It is known as Internet Protocol Address. It is a unique number assigned to each system which are connected in a Network.

SQL: Standard Queuing Language. It is a special purpose language which is used to manage related data.

GUI: Graphical User Interface. It enables the user to interact with the system through visual indicators.

Available: It indicates the state where the user is connected and ready to begin a conversation

Busy: It shows that the user is connected but is not presently in a situation to chat

Offline: It means that the user is not connected to the network.

Idle: It indicates that the user is connected to the network but there is no work going on.

4. Prerequisites

To use Chat Express, a product by Xtreme Security, a set of requirements are due for the product to work for any user or company appointed admin.

System Requirements

I.   Windows / Mac OS / Ubuntu Operating System
II. Minimum of 512 MB RAM

III.   32-bit or 64-bit Processor
IV.   Internet Access

Software Requirements

   I.   Internet Browser
II. Application Files III.
XAMPP Server

These files and software will enable the customer to use Chat Express as a user.
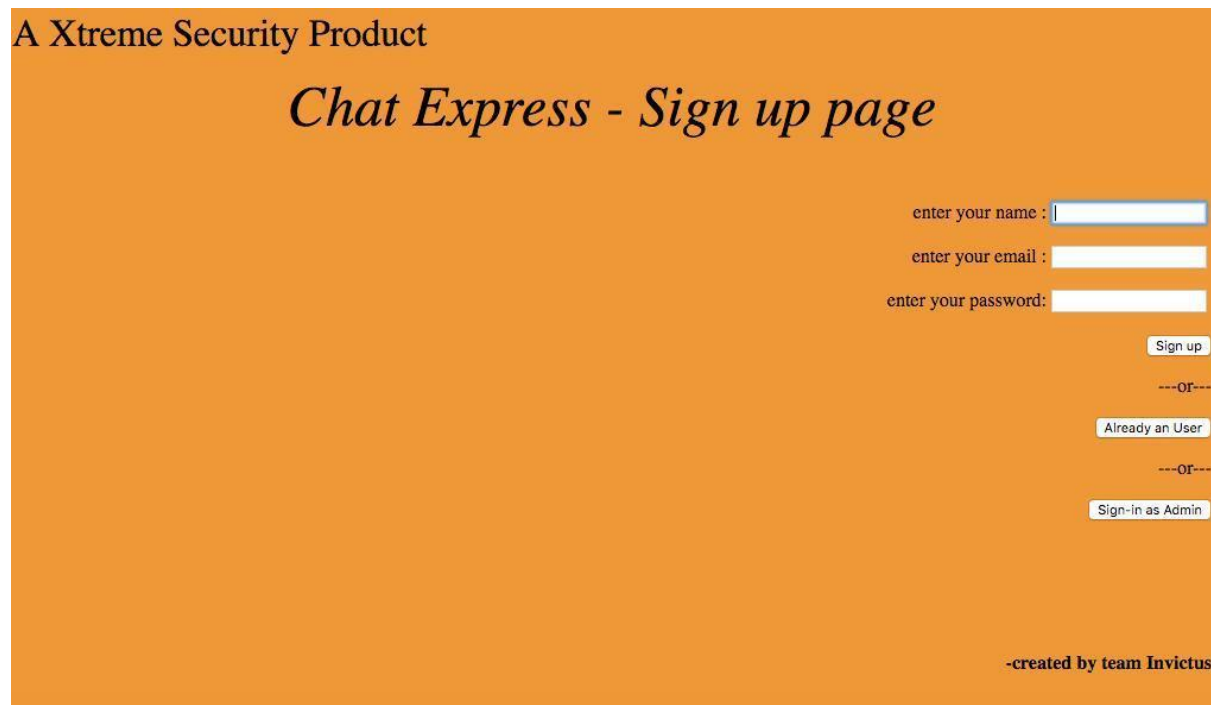
5. Configuring Chat Express

To start using Chat Express, a set of Application Files are to be downloaded on to the hard drive.

Step-1: Opening Chat Express server in your internet browser.

   I.   Copy and paste Application files (code files) in **htdocs** folder of XAMPP source destination.
  II.   Open the web browser.
 III.Type the url: http://localhost/adrec1/index.php
 IV.   The above url will directly open the home page of Chat Express.

Step-2: Sign-up page

In this page you will enter your name, email-id and password and click on sign-up. A message will be displayed to you saying you have successfully registered as a user. You will receive an email id with your login details. These steps are unnecessary if you are already an user in which case you will move on to the login page by clicking the appropriate button.

Fig.1. Sign-up Page.

Step-3: Login Page:

In this page you will enter your registered email-id and password in the fields stated username and password respectively and click on submit. This will redirect you to the contacts and status page.

Fig.2. Login Page.

Step-4: Contacts Page

This page has the facility to check contacts registered in the application and also shows the status of that particular user. Along with checking other users' statuses, the user is also allowed to change its own status.

Fig.3. Contacts Page.

The two statuses that a user can change its state to are Available or Busy.
After selecting the user one desires to chat with in the dropdown box, clicking the Chat button redirects the browser to the Chat box page.

Step-5: Chat Box Page.

A text box is present for user to type message and Send button enables message to reach other user.

Fig.4. Chat Box Page.

Chat log and history is present and conversation can be viewed between the users. Along with time stamps, the user receives an alert notification for each sent and received message.

*Note:

1. Go to local host ,click on "create an account" button.
2. Enter your credentials
3. The product key for the user is "#$&*daSM13*" enter this key in product key field.
4. "You have successfully registered as a user" will be displayed on the web page
5. A confirmation mail will be sent to registered user mail id regarding the login credentials.
6. If the entered key is wrong then "Authentication error" will be displayed on the page.
7. Click "Already an user" button after successful registration.
8. Enter your credentials to log in into your account.
9. The product key for the admin is "#$&*EdaSM13*" enter this key in product key field in newadmin page.