**Complete User Guide for the Secure Messaging Application**

**1. Introduction:**

The Secure Messaging Application is a web-based platform designed to enable secure, encrypted communication between users. It ensures confidentiality and security by implementing AES-128 encryption, CSRF token protection, and CSP headers for enhanced security.

**2. Getting Started:**

**2.1 Account Registration and Login**

* Visit the application Login page.
* Click on "Register" to create a new account, providing a username and password and other credentials.
* Log in using your credentials once registered.

**2.2 Navigating the Application Interface**

* Messages Tab: Shows your conversations with other users you have interacted with.
* Contact Tab: Displays your contacts and allows you to add new contacts by username.
* Settings Tab: Allows you to change the theme from light mode or dark mode.

**3. Using the Messaging Feature**

**3.1 Sending a Message**

1. Go to the Contacts Tab and select a contact to start a conversation.
2. Type out your message and click Send. Your message is encrypted before being sent to the recipient.
3. Once a response has been submitted reload the webpage and go to the Messages Tab and click on the name of the user to view the conversation with the selected contact.

**3.2 Receiving and Viewing Messages**

* Messages from your contacts will appear in the chat area. Once a Conversation has been established your messages and responses will be displayed in real time.

**3.3 Changing Themes**

* Go to the Settings Tab in the top right of the webpage and select either "Light Mode" or "Dark Mode."
* Click Accept to confirm your theme change.

**4. Managing Contacts**

**4.1 Adding a Contact**

1. Go to the Contacts Tab.
2. Enter the username of the contact you wish to add.
3. Click Add Contact.

**4.2 Viewing Contacts**

* Your added contact details will be listed in the Contacts Tab.