

HTML:

```
<!DOCTYPE html>

<html>

<head>

    <title>Real-Time Chat</title>

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <header>

        <h1>Real-Time Chat</h1>

    </header>

    <main>

        <section id="chat-window">

            <h2>Chat Window</h2>

            <ul id="chat-log">

                <!-- Chat messages will be displayed here -->

            </ul>

            <input type="text" id="message-input" placeholder="Type a message...">

            <button id="send-message">Send</button>

            <button id="clear-chat">Clear Chat</button>

        </section>

        <section id="user-list">

            <h2>Online Users</h2>

            <ul id="online-users">

                <!-- Online users will be displayed here -->

            </ul>

        </section>

    </main>

</body>

</html>
```

```
</main>

<footer>

    <p>&copy; 2023 Real-Time Chat</p>

</footer>

<script src="script.js"></script>

</body>

</html>
```

CSS (in style.css file):

```
body {

    font-family: Arial, sans-serif;

    margin: 0;

    padding: 0;

}
```

```
header {

    background-color: #333;

    color: #fff;

    padding: 20px;

    text-align: center;

}
```

```
main {

    display: flex;

    flex-direction: column;

    align-items: center;

    padding: 20px;

}
```

```
section {  
    background-color: #f7f7f7;  
    padding: 20px;  
    margin-bottom: 20px;  
    box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);  
}
```

```
h1, h2 {  
    color: #333;  
    margin-top: 0;  
}
```

```
#chat-log {  
    list-style: none;  
    margin: 0;  
    padding: 0;  
}
```

```
#chat-log li {  
    margin-bottom: 10px;  
}
```

```
#message-input {  
    padding: 10px;  
    width: 75%;  
}
```

```
#send-message {
```

```
        background-color: #333;  
        color: #fff;  
        padding: 10px 20px;  
        border: none;  
        border-radius: 5px;  
        cursor: pointer;  
    }  
  
    #send-message:hover {  
        background-color: #444;  
    }  
  
    #clear-chat {  
        background-color: #333;  
        color: #fff;  
        padding: 10px 20px;  
        border: none;  
        border-radius: 5px;  
        cursor: pointer;  
    }  
  
    #clear-chat:hover {  
        background-color: #444;  
    }  
  
    #user-list {  
        background-color: #f7f7f7;  
        padding: 20px;  
        margin-bottom: 20px;
```

```
        box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);  
    }  
}
```

```
#online-users {  
    list-style: none;  
    margin: 0;  
    padding: 0;  
}
```

```
#online-users li {  
    margin-bottom: 10px;  
}
```