TEAM ID : PNT2022TMID31318

CREATE THE WEB APPLICATION USING NODE RED

<html lang="en">

<head>

<meta charset="utf-8">

<title>FRED-powered chat app</title>

<script src="http://code.jquery.com/"></

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</head>

<body>

<div id="messages"></div>

<!-- Important to configure onsubmit to false to prevent page refresh when pressing the return key -->

<form id="form" onsubmit="return false;">

<input id="text" type="text" onkeypress="return sendText(event)" />

</form>

<script type="text/javascript">

// Open a websocket using FRED.

var publishSocket = new WebSocket("wss://{fred."); //server receives

var listenSocket = new WebSocket("wss://{fred."); //server publishes

```
listenSocket.onmessage = function (event) {
// When receiving a message append a div child to #messages
data = JSON.parse(event.data);
$("#messages").append("<div class='msg
sentiment"+data.sentiment+"' >"+data.timestamp+" -
"+data.msg+"</div>")
if ($("#messages").children().
}

function sendText(event) {
if (event.keyCode == 13) { // Only if return key pressed
// Construct object containing the data the server needs.
d = new Date();
var data = {
msg: $("#text").val(),
timestamp: d.getHours() +":"+ d.getMinutes() + ":" +
d.getSeconds()
};
publishSocket.send(JSON.
$("#text").val(""); // Blank the text input element
}
}
</script>
</body>
</html>
```