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<html lang="en">
<head>
  <meta charset="utf-8">
  <title>FRED-powered chat app</title>
  <script src="http://code.jquery.com/jquery-1.11.3.min.js"></script>
  <script src="http://code.jquery.com/jquery-migrate-
1.2.1.min.js"></script>
</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://{yourusername}.fred.sensetecnic.com/api/public/messag
ereceive"); //server receives
    var listenSocket = new
WebSocket("wss://{yourusername}.fred.sensetecnic.com/api/public/messag
epublish"); //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().length > 10 ) { $("#messages :first-
child").remove();}
    }

    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.stringify(data)); // Send the msg object as a
JSON-formatted string.
        $("#text").val(""); // Blank the text input element
      }
    }
  </script>
</body>
</html>

```