Problem 1. Route /

Create a Node.js web server which is capable of returning an “index.html” file containing a welcome message and

menu. Add register, login and logout (only when logged in). On the top of page below the menu there should be a

search input where you can search for other registered users in order to start a chat with them. Below that show all

threads the currently logged user participates in. The newest ones should be on top. Visible to authorized users. If

the user is not authorized, show a welcome message.

Problem 2. Route /thread/{username}

This route should show all messages between the currently logged in user and the user with the username from the

route. Make sure people cannot send messages to themselves. The newest messages should be on the bottom (like

a chat). Make some differentiation between the users. For example use different colors.

Problem 3. Add messages form

Add form below all messages allowing the currently logged in user to send a message to the current thread. Validate

messages – they should not contain more than 1000 symbols.

Problem 4. Allow users to send links and images (15 Points)

If the message contains only a link (and nothing else), make it clickable and open it in another browser tab. Consider

links to be valid if they start with “http” or “https”. Also - if the message contains only a link (and nothing else), and

this link ends with “jpg”, “jpeg” or “png”, show the actual image.

Problem 5. Allow users to block other users

If someone does not like you – they should be able to block you. Disable the form for blocked users but leave the

chat history (if any). Also – allow users to remove blocks.

Problem 6. Add likes (again…)

Allow users to like other messages (like the Facebook Messenger reactions). Show some sort of indication that

someone liked your message. Also – add option do remove the like.