

msgNETCONOMY FE Test

General description:

This test is a simplified chat application. Your implementation should resemble the provided design reference as much as possible, as you will be evaluated on resemblance as well (it doesn't need to be pixel perfect though). For the functionality of the application, you are allowed only to use jQuery library with no added plugins to aid you in your implementation. Your solution doesn't need to be responsive.

Task description is as follows:

- All conversations should be loaded from the JSON file (conversations.json)
- Name, image and the status of each conversation should be listed on the left side of the app. Take care that there can be much more conversations so that the list is scrollable.
- Sent and received messages of the selected conversation should be displayed on the right side, according to the provided design. The messages **must be sorted** by the timestamp and displayed properly, sent messages to the right and received messages to the left.
- Conversations should be switchable on click of a conversation
- Footer area of the design **MUST** be implemented using Bootstrap CSS framework
- For social icons, "Font Awesome" can be used
- For interaction animations, please take a look at the demo.gif

Bonus task:

- User should be provided with the ability to add new messages to the conversations using the input field (there is no need to write messages to JSON, but **the messages must be persisted**, so that when you switch the conversations, added messages don't disappear)
- On each interaction with the conversations (switch or new message), the messages view should be scrolled to the last message

Resources:

1. JSON file with conversations (conversations.json)
2. All images needed are in /images folder
3. Reference design (design.png)
4. Demo video (demo.gif)