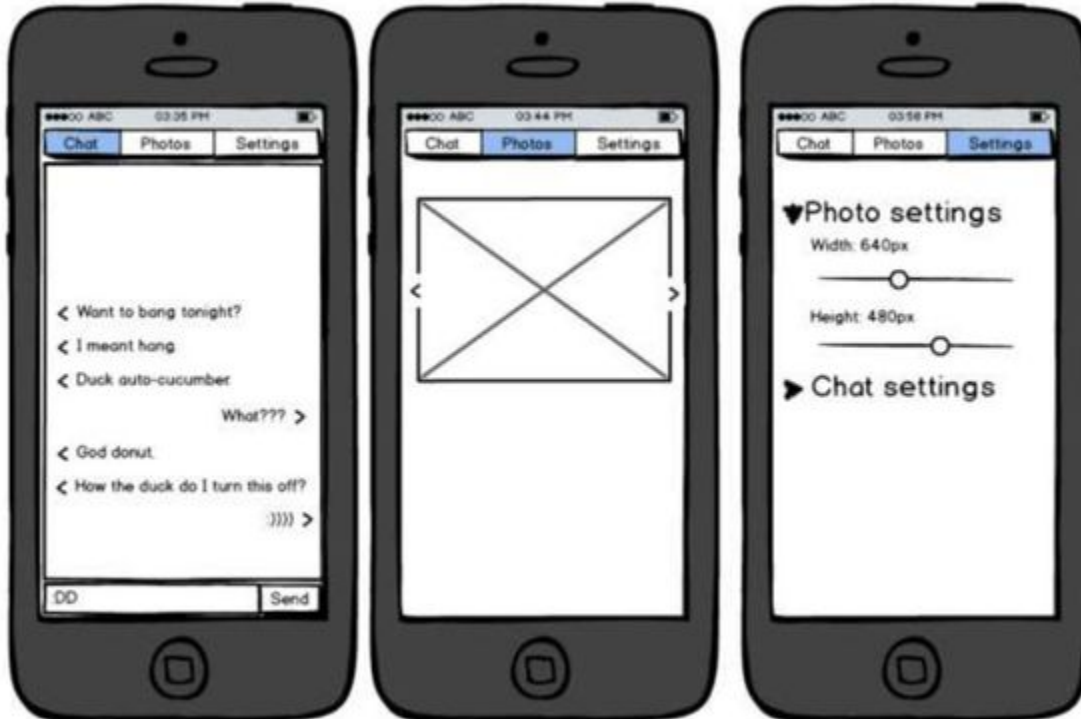# Single page chat application

The goal

You should create a one page mobile web application based on the following mockups.

- **Chat**
  It's a socket.io based chat interface. When the user opens the application, he meets this view. It contains a chat message box, where the sent messages are floating right and the received messages are floating left. One row contains the text of the message and also the nickname if it is not the current user. There is a text input field and a send button at the bottom of the page. If the user is on another tab and he gets a message, the chat tab will blink, until he doesn't read the message.
  Socket.io server address: http://frontend-test-server.prmrgt.com/
  Socket.io version: ^2.0.3
  You should listen to event message, and you should trigger the event message also. The example data is { message: 'Hi', user: 'guest0001' }
- **Photos**
  This tab contains a simple carousel. It loads photos from http://lorempixel.com/ and shows it. If the user click to the right arrow, it loads a new one, and when he click the left arrow, it loads back the previous if he has. It should work also with swipe gesture.
- **Settings**
  The user can modify the size of the carousel (width, height). The control is not specified, but it should be easy to use. The user also can modify his nickname on the chat. These are accordion blocks in this view.

Requirements

- You have to use **Vue.js** javascript framework, with less or sass css authoring framework. You should load only one minimized javascript and one css file into the page.
- You have to use **grunt** or **gulp** to build the source files
- It should work on every common phone or recent browser, so you have to make responsive design and you shouldn't use any OS or browser specific things. And it has to work both portrait and landscape orientation.
- We like the clean, commented, small and modularized codes.
- We know the jquery plugins and other libraries are cool, but we want to see what you know, so please don't use any of them.
- The unit testing is extra point.
- Modern page design is extra point.

What should you send to us?

- Source code on GitHub or GitLab
- Working code, that works if we serve with apache or nginx and open in a mobile browser
- Readme file that contains what is it, how does it work and how could we setup