BOLDKING

Design & Coding challenge

Objective

The following challenge was designed with two objectives in mind:

For you to get an overview of the tasks that you will be working on as soon as you start working with us, and to get to know your skillset and the way you approach solutions to both simple and complex problems.

Tasks

Part 1

Create a login form that consists of:

1. Login field (username)
2. Password field
3. Submit button

Your solution must make use of the api.js "library" provided that mimics interaction with an online API.

If the form is valid, the user should be able to press the submit button and get a notification on successful/failed login.

Conditions

1. The form should have validation for username & password.
2. The password should be longer than 8 symbols and contain at least one number (validated locally).
3. Username validation should be implemented with the validate() function provided by us in api.js file. It mimics server behaviour and returns a promise.
4. On form submit, call submit() function from api.js file to mimic a server login request. Show a user notification/alert based on the result of this call.
5. The application should be able to handle all possible types of response from both validate() & submit() functions.

Part 2

After the successful login a user should be navigated to another part of the application which is a ToDo list with classic functionality:

1. Implement adding, "setting as done", removing functionality of todo items.
2. Implement any type of browser data persistence (BONUS).

Rules

1. No backend & design required. Just frontend.
2. Create a README file explaining how to run/build/use your application.
3. Use Vue.js as a frontend framework.
4. Encapsulate logic within standalone components (Button, Input, ...etc).
5. Please, do not use any global-shared-state frameworks (Vuex, etc),
6. For styling, use pure CSS approach, do not use atomic-css, tailwind, etc.
7. Make sure your application also works on mobile.
8. Put your solution in any git repository host (github, bitbucket, etc.) and send the link to pavel@boldking.com and tibo@boldking.com