Frontend Developer Task

TASK:

Please solve the following assignment within **three to four hours**. It is meant as a discussion starter.

User management system

Stories:

- as an admin I can add users - a user has a name
- as an admin I can assign users to a group they aren't already part of
- as an admin I can remove users from a group
- as an admin I can create groups
- as an admin I can delete groups when they no longer have members
- as an admin I can delete users

Artifacts:

1. Please implement the design using technology that allows us to measure your JavaScript, markup and CSS skills. Bonus points if you avoid monolithic frameworks like bootstrap or Angular.js.
2. List what API endpoints would you expect your backend to implement.

Keep in mind we are looking for ways to determine how experienced and passionate you are about frontend. To that regard, here are some ideas for extras that we think could impress us:

- a "user detail page" where it is possible to see a list of all groups that a given user is in
- a "group detail page" where it is possible to see a list of all users in a given group
- search functionality
- when a user is deleted, he is removed from all groups he belonged to
- a user cannot exist without having at least one group (think validation when creating a user)
- input validation on the client-side
- make it responsive!
- JS tests
- ES6 (ES2015) syntax!
- offline capabilities
- anything else you think it's cool!