

React Developer Recruitment Task

The task:

create react application which display grid of users (file with initial users data is attached) with ability to see user details page and manage products assigned to user.

Functionality/requirements:

- search grid by cc number
- add/edit/removing products
- removing products require confirmation popup
- user data are saved in redux store
- user cost is the sum of the prices of the products

Mockups:

- grid

First name Last name email cc_number cc_type <div>DETAILS</div>	First name Last name email cc_number cc_type <div>DETAILS</div>	First name Last name email cc_number cc_type <div>DETAILS</div>	First name Last name email cc_number cc_type <div>DETAILS</div>
First name Last name email cc_number cc_type <div>DETAILS</div>	First name Last name email cc_number cc_type <div>DETAILS</div>	First name Last name email cc_number cc_type <div>DETAILS</div>	First name Last name email cc_number cc_type <div>DETAILS</div>

- item page

←
First name
Last name

email
cc_number
cc_type

123.43
currency

PRODUCTS

ADD

Product Name	123.43	Edit	Remove
Product Name	123.43	Edit	Remove
Product Name	123.43	Edit	Remove
Product Name	123.43	Edit	Remove

- item page with modal

←
First name
Last name

email
cc_number
cc_type

123.43
currency

PRODUCTS

ADD

Product Name		Edit	Remove
Product Name		Edit	Remove
Product Name		Edit	Remove
Product Name	123.43	Edit	Remove

Add/edit product modal

Product Name

Cost

SAVE

Tech stack:

- react (CRA starter)
- react-router
- redux

Must-have:

- React & Redux
- PropTypes
- Usage of react-router for multiple pages
- Validation on forms

Good to have:

- using function components (with hooks) instead of class components

Paying attention to:

- How you split code for components
- Reusability of the components
- Code repetitions and reusability
- Working in accordance with good practices in general