

React Redux task

React Redux Task

- The goal of this task is to implement end to end React/Redux flow.
- For this task we will use a JSON file (Attached in the last slide), that will simulate a REST service response.
- This JSON file content can be defined as “const” variable in your application.
- The JSON file content is holding array of users, with different kind of information about each.

React Redux Task

- On launching the application, The user will reach to a home page.
- I am not going to define what to show on the home page, I leave it to you to impress with your creativity, and styling capabilities.
- On this home page you will have the entry point to our real content of the site...
- Once entry point to our content is fired from the home page, we will fetch users information, this will dispatch an action (Redux) that will be triggering a “Rest service call” (Use our Mock data).
- This information will be listed per user. See next slide as final goal reference.

React Redux Task

| | | |
|---|---|---|
| Leanne Graham Sincere@april.biz Gwenborough 1-770-736-8031 x56442 hildegard.org Romaguera-Crona | Ervin Howell Shanna@melissa.tv Wisokyburgh 010-692-6593 x09125 anastasia.net Deckow-Crist | Clementine Bauch Nathan@yesenia.net McKenziehaven 1-463-123-4447 ramiro.info Romaguera-Jacobson |
| Patricia Lebsack Julianne.OConner@kory.org South Elvis 493-170-9623 x156 kale.biz Robel-Corkery | Chelsey Dietrich Lucio_Hettinger@annie.ca Roscoeview (254)954-1289 demarco.info Keebler LLC | Mrs. Dennis Schulist Karley_Dach@jasper.info South Christy 1-477-935-8478 x6430 ola.org Considine-Lockman |
| Kurtis Weissnat Telly.Hoeger@billy.biz Howemouth 210.067.6132 elvis.io | Nicholas Runolfsdottir V Sherwood@rosamond.me Aliyaview 586.493.6943 x140 iacvnthe.com | Glenna Reichert Chaim_McDermott@dana.io Bartholomebury (775)976-6794 x41206 conrad.com |

React Redux Task

- Each box will contain the details of the user in this format:
 - Name
 - Email
 - City
 - Phone
 - Website
 - Company Name
- See next slide highlighted fields, those are the only fields that should be used.

React Redux Task

```
{
  "id": 1,
  "name": "Leanne Graham",
  "username": "Bret",
  "email": "Sincere@april.biz",
  "address": {
    "street": "Kulas Light",
    "suite": "Apt. 556",
    "city": "Gwenborough",
    "zipcode": "92998-3874",
    "geo": {
      "lat": "-37.3159",
      "lng": "81.1496"
    }
  },
  "phone": "1-770-736-8031 x56442",
  "website": "hildegard.org",
  "company": {
    "name": "Romaguera-Crona",
    "catchPhrase": "Multi-layered client-server neural-net",
    "bs": "harness real-time e-markets"
  }
}
```

React Redux Task

- Double clicking on each box will launch a modal that will allow the user to edit the information.
- Once the modal is closed, the new details should be reflected in the cards.
- All should be done by Redux lifecycle.

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- **Important notes:**
- Don't use Styling (HTML/CSS/JS) frameworks (like Bootstrap)
- Make sure to use latest React version functionalities (i.e. React hooks)
- Please try to be as accurate as possible and duplicate the behavior and styling that you see in the reference picture.
- The application should be responsive.
- Once resizing the browser, the users are wrapped and move to the next line if needed.
- Below is the JSON file (also attached in the zip).



Assignment 01 - ReactTask.json

React Redux Task

- **Extras:**
- Use SCSS and structure properly the stylesheet using variables, nesting, etc.
- Create a mock for RESTful APIs in order to retrieve the JSON when application is in development mode.



Thank You