Frontend Challenge

Problem

Let's say we're running a recipe website, where users can submit recipes. You're a frontend developer implementing a simple admin interface for moderator users, they need to be able to search for recipes and delete the spam.

General rules for the challenge

- Your solution has to be based on React
- You can use every open source libraries and frameworks you're comfortable with, as long as you specify what you've used
- Beside the libraries, all code must be written by yourself
- You're allowed to use the internet for research

Good to know

- Check out the API documentation first http://localhost:8081/docs/
  - All endpoints have a "try it out" button, where you can play around
  - All endpoints have example response stubs in the documentation
  - If you mess up the storage you can always run **npm run reset** and restart the servers afterwards
- Everything in the **./webroot** directory is hosted with a static file server http://localhost:8080/ - using this web server is optional.
- Pay close attention to the wireframes
- Whenever you save a file, the servers are restarted
- Start with list and delete button - if you still have time, do the filter last
- Some details are not explicitly defined. Just interpret it and do what you think.
- Time is short, feel free to hardcode things that you normally would not.
- We don't need legacy browser support, care about modern ones.

The list

- Shows all recipes with a pagination
- Page size is 5 recipes per page
- Pagination can be very simple
    - just links for every page
    - they can be javascript only, no need to handle URL changes
- The description should only show one line truncated with CSS ellipsis

Wireframe
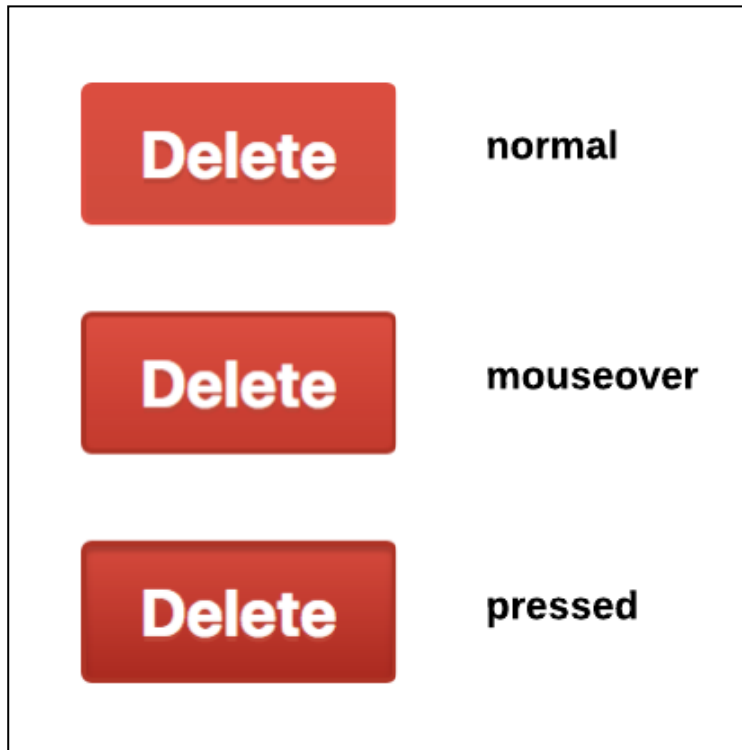
Delete buttons

- Implement all states with css: default, hover and press state
- Have confirmation, before the recipe is deleted (you can use window.confirm)

Description

- The button uses a 12px bold font and has white text
- Text shadow is:
  0 1px 0 #C04131
- 1px solid border
- No outline
- The gap between the border and the text is 5px for top and bottom, 10px left and right
- Radius in the corners is 2px
- The default border color is #DD4B39
- The mouseover border color is #AF301F
- The pressed box shadow is:
  inset 0 1px 1px rgba(0,0,0,0.2)

Background

- **normal**: gradient from top to down, #DD4B39 to #D14836
- **mouseover**: gradient from top to down, #DD4B39 to #C53727
- **pressed**: gradient from top to down, #D74736 to #AD2719

Filter

- Implement a simple text search box, above the list
- The API endpoint already supports a query string parameter "search"
- You can use search while typing or with an apply button, this doesn't matter

Recipes overview

filter

Recipe title   delete