Design:

1. Favicon - Coveo, Logo - SAQ:

2. Fonts: Lustria(serif), Lato(sans-serif).

3. Color palette:

- Theme color:

- Secondary color:
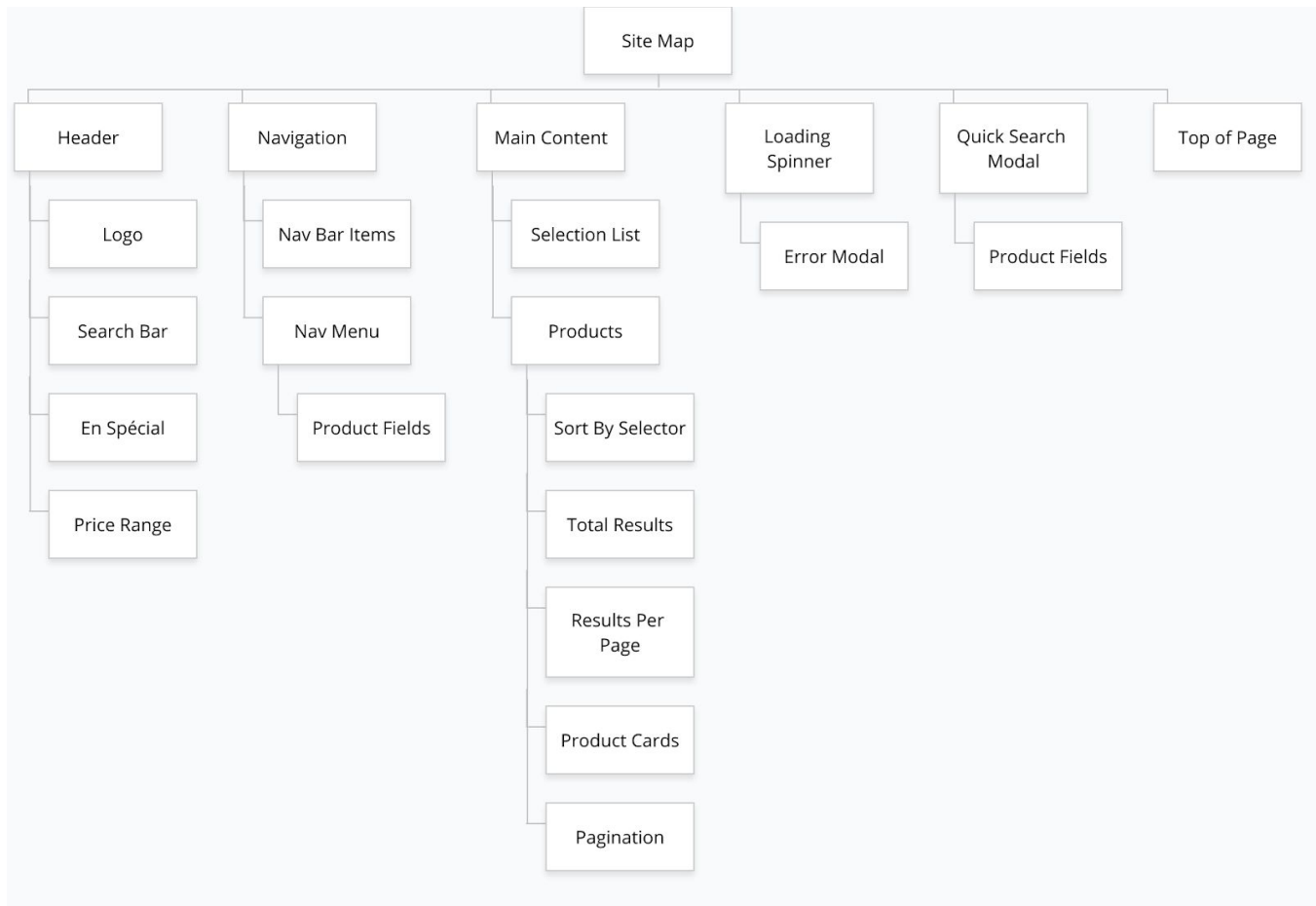

- Font color:

4. Icons: IconMoon Library *https://icomoon.io/app/#/select*

Technologies used:

- React
- Typescript
- SASS
- Redux
- Redux Thunk
- Axios
- Lodash
- Jest
- React Testing Library
- UI libraries:
  - React Paginate
  - React Transition Group
  - React Input Range

Site Map

Site Map
- Header
  - Logo
  - Search Bar
  - En Spécial
  - Price Range
- Navigation
  - Nav Bar Items
  - Nav Menu
    - Product Fields
- Main Content
  - Selection List
  - Products
    - Sort By Selector
    - Total Results
    - Results Per Page
    - Product Cards
    - Pagination
- Loading Spinner
  - Error Modal
- Quick Search Modal
  - Product Fields
- Top of Page

(Created by GlooMaps)

Features:

1. Header
- Search bar in the header: search for a keyword;
- En Spécial: click button to filter products on sale in search result;
- Price range selector: drag the slider to limit the minimum or maximum of price;
- Header is always stay on the top of view during navigation;

2. Navigation bar
- Navigation categories: hover to display the drop down menu, each category contains one or multiple product fields;
- Navigation menu: click on a search term to filter research results, terms listed are those which have more search results corresponded;
- Navigation menu will be closed when the mouse does not hover on it anymore;

3. Selection sidebar
- List of all filter criteria selected by user during navigation;
- Click on cross icon behind the text to remove this item;
- Click on spinner icon behind Effacer Tout to clear all terms selected, attention: this will not delete the keyword inputted by search bar;
- Selection list will always be floated on the left side of view during navigation;

4. Products section
- Click on Trier Par to choose a method to list all search results;
- Total results displays the current number of corresponding products;
- Results per page: click to choose how many products to display in one page;
- Product card: information about individual product. It contains a product image, title, country, region, several labels and price;
- Click product image to turn to the page of this product on SAQ official website;
- Click product label to add it as a search criteria;
- Pagination: click to change the current page;

- Loader: loading spinner will be displayed when fetch data of search results;
- When there is an error, click anywhere to close the error modal and back to previous page;
- Top of page: click to go to the top of page during navigation, this button is always stick on the right bottom of browser.

5. Quick search modal
- Press S on the keyboard to open the quick search modal;
- Click on the item to add it to the selection list and filter search results;
- Press Esc on the keyboard to close the modal;
- Click on the cross icon on the top right of the modal or on the transparent black backdrop to close the modal;
- Search bar input, En Spécial button, price range slider, selection list on the left are all able to be operated when the quick search modal is open.

Further Improvement:

- Refine responsiveness for mobile user or different device resolutions
- Switch theme mode between Dark and Light
- Switch language mode between French and English
- Favorite List
- Customized Search Bar (e.g. autocomplete input of Material UI)
- Different colors for product labels
- Distinguished style for products on sale
- Show product description when hovering the product card
- Optimize content of navigation menu (e.g. add search bar or display more results)
- Optimize content of labels in product card
- Current code covered by test above 80%

All files

87.44% Statements 188/215   72.6% Branches 53/73   78.16% Functions 68/87   87.62% Lines 177/202

Problem Found:

- There is a bug of number of product total results. It only exists approximately 984~996 products through Coveo API provided, but displayed 130000 in total.
  (record of 2019/06/25)