

## Task Description

The goal of the task is to build a simple text highlighter application.

### 1. Functionality Requirements

The website should allow the user to

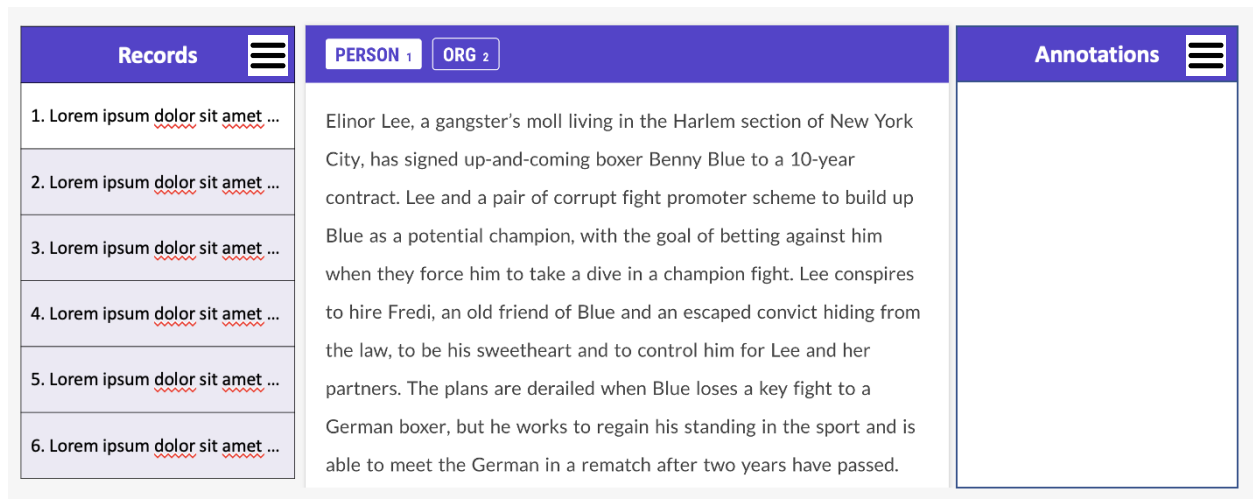
**Feature 1:** load several text records from the local storage

**Feature 2:** Ability to highlight certain parts of each text. The highlighted text spans need to be stored in the local storage

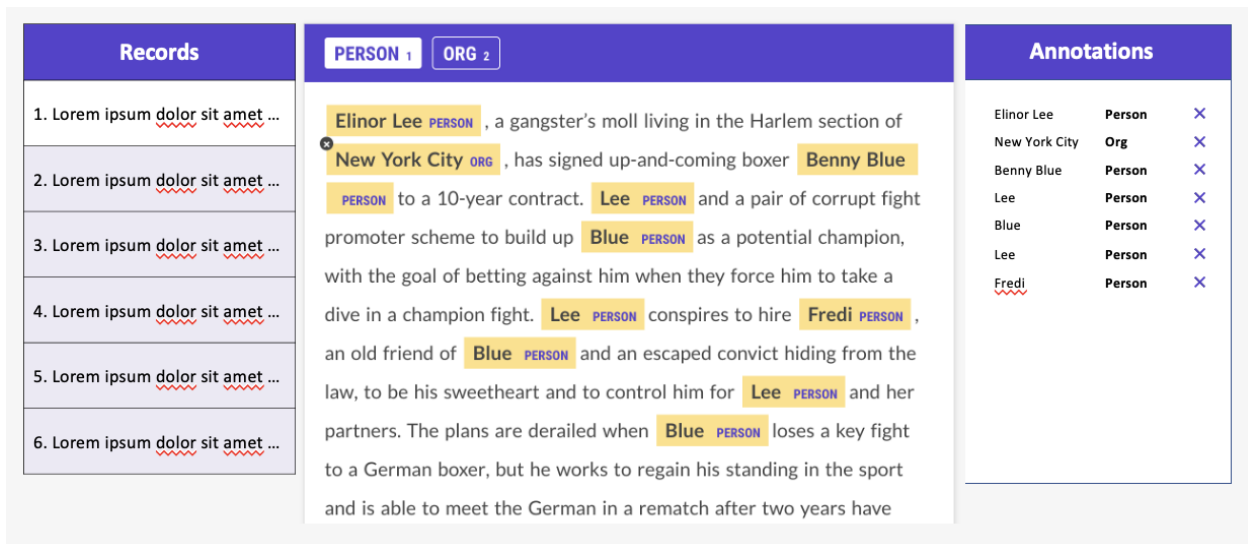
**Feature 3:** Record windows and annotations windows are collapsed to the right and left sides respectively when the sandwich button is clicked.

#### 1a. UI

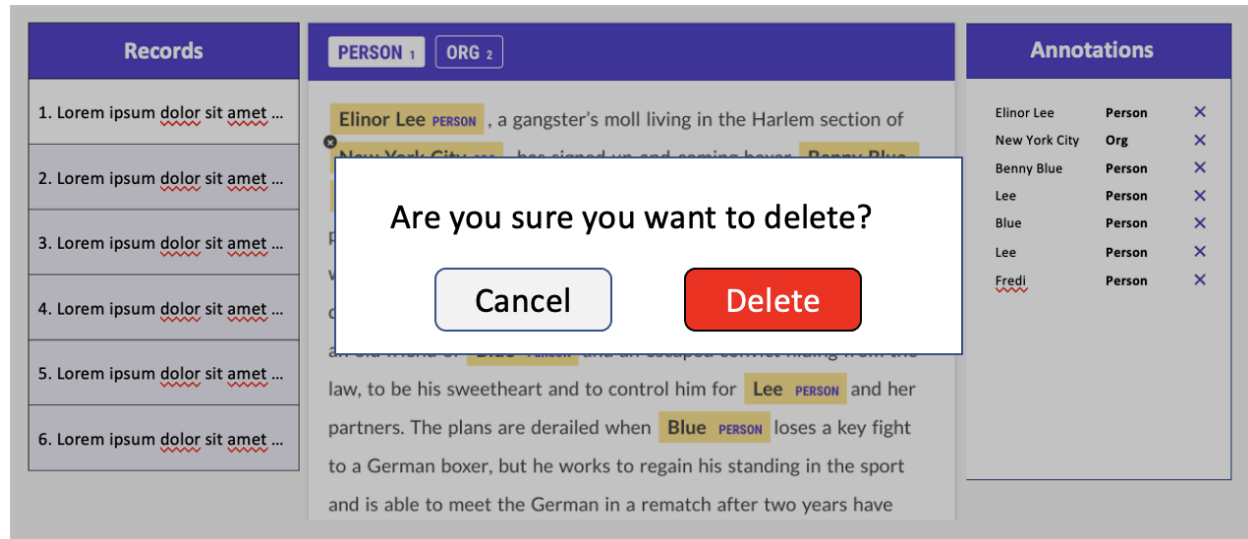
Records without highlight in the beginning:



Record 2 has 4 highlights:



## Delete annotation



Clicking on 'X' in 'Annotation' bar should show popup window. If the user clicks 'Delete', we need to delete that entry, else we just need to close the pop up window.

## 1b. UI components

**Records bar.** On the left side there is a sidebar that contains a list of records which are hard coded for the purpose of this exercise.. We only display first N characters of the text so that they fit in one line and truncate with "...". Each record has a number and the text. Each record can be clicked and activated. Records bar minimizes to the left if the sandwich button is clicked.

**Annotation window.** In the middle of the page, there is an annotation section that contains the full text of the active record. On top of the annotation window there are 2 categories: Person and

Organization (Org for short). User should be able to select one of the categories and highlight parts of the text. For example, the user selects 'Person' category from above and highlights all the Person names in the text below.

When the user selects part of the text, that app should:

1. change the background of the text as shown above and
2. create a new annotation item for the record on the right side of the page in 'Annotations List' window
3. Annotation should be at character level meaning exact highlight characters should be highlighted.

**Annotation list.** On the right side of the page we show a list of highlights for a given record. Highlighted text has 2 properties: highlighted text and the category information. When the delete (x) button is clicked we delete that highlighted entry. Annotation list window minimizes to the right if the sandwich button is clicked.

The frontend must be implemented in ReactJS

### 3. Deliverable Format

- Share the source code on github
- Readme file how to get run the app
- <http://localhost: 8000>

### 4. How will I be evaluated?

- The web app has all the features described above
- Code quality