The screen capture video shows a language learning site called LingQ. You learn a second language by studying imported content. Words that you do not know yet are highlighted in blue. If you click on them, they turn yellow, get assigned a translation, and become a "lingq", meaning that you are studying that word. In any lesson that you open, all of your lingqs will show up highlighted in yellow. You can click on your links to edit their level: new, getting familiar, recognized, etc, until you mark them as known, at which time they are no longer highlighted.

You can make lingqs out of phrases as well, not just single words, by selecting multiple words from the text (up to 9 words in length).

We wish to develop a site with similar features. At this time, we do not need the whole website built out, just some of the key features discussed here (specific features listed below). We are requesting a prototype-level project. It does not need to be carefully styled or fleshed out, but please use a little bootstrap styling.

Our site will be built using React for the front end, and Django for the APIs.

If possible, please use JSON Server to prototype the API calls.

Project Details and Feature List

1. Lesson Generator: Page where user can type or paste a paragraph of text to be saved as a lesson.
2. Lesson List Page: Page that lists all lessons, each on a div card. User can click on the card to bring up study page.
3. Study Page: Page for viewing and studying a single lesson
   1. All words not previously made into lingqs by user will be highlighted in blue and will be considered unknown words. (So, when the site first runs, all words will be blue).
   2. All “lingqs” previously saved by user will be pulled from the database and will show up highlighted in yellow in the lesson.
   3. User can click on a single word to select it. It will become a “lingq” and be highlighted in yellow. A card will be displayed on the right where the user can type a translation for that word (later we will implement Google translation API here). The lingq then gets saved in JSON Server along with its translation text and its known level (new, recognized, familiar, known).
   4. User can click and drag on a phrase up to 9 words in length to create a lingq for the phrase. It will be saved with its translation and known level, just like single-word lingqs.

You’re encouraged to experiment with Lingq.com to get a sense of the user experience. One feature that they utilize that we do not need is “sentence mode”. On their site, you can alternate between viewing the entire lesson in paragraph view, or viewing a single sentence at a time. We only need the simple paragraph view at this point, and no pagination is necessary. We also do not need any audio functionality at this point.