



BETTER CTRL+F HACKUTA 6

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INSPIRATION

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WHAT BETTER CTRL+F DOES?

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HOW WE BUILT IT

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WHAT'S NEXT FOR BETTERCTRLF

INSPIRATION

CTRL+F for PDFs SUCK!

Let's do better!



WHAT BETTER CTRL+F DOES

Navigation Bar

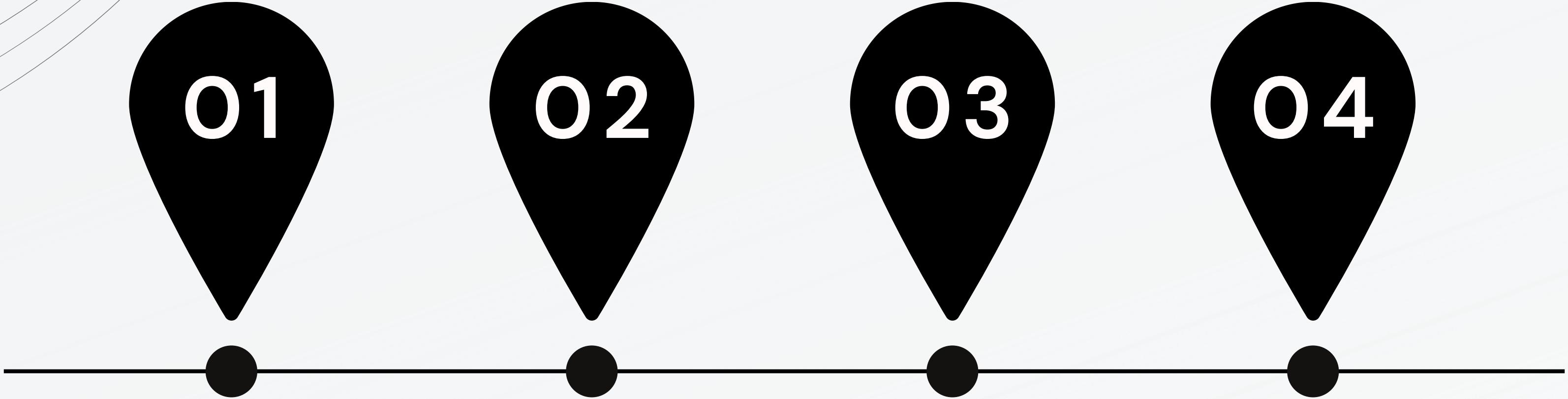
Allow the user to navigate to the requested and relevant content.

Content snippets with highlighted annotations

The page number of the relevant content is displayed, along with a snippet of the content. Additionally, a "similarities score" is shown to best match the user with their content.

Fast searching

Works much faster than Ctrl+F and actually gives you the information you need.



01

02

03

04

DESIGN WEBSITE

We designed the website with a drawing, then took actions to implement the designs.

ALGORITHM

We selected the algorithm used to best find relevant content, prioritizing speed and accuracy.

FULL-STACK

We integrated the front and backend, testing the features and fixing any bugs.

PRESENT

We worked to polish the website, and populating the devpost.

CHALLENGES WE RAN INTO



We originally wanted to have a pdf viewer directly imbedded on the website, but no free solution was available.

PDF VIEWER



Our team lacked extensive back-end development experience, with some familiarity with python and no experience with flask.

BACK-END

WHAT'S NEXT FOR BETTERCTRLF?

The following are features that have yet to have been implemented:

We originally were inspired by Alex Jon Dillhoff's RAG LLM as the algorithm inspiration, but we ultimately scaled this idea down in favor of our current algorithm.

RAG LLM

Instead of posting the content of the pdf, we hope to embed a pdf viewer to the docviewer. Due to the issues of sourcing a pdf viewer for free (react-pdf is a paid product), we were unable to implement this feature.

PDF VIEWER