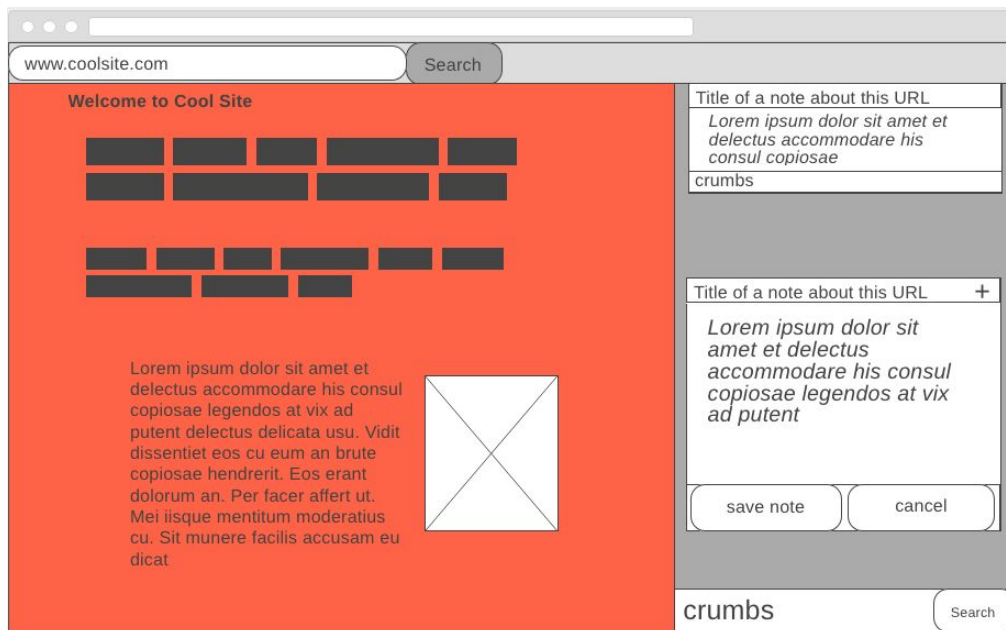


## Introduction

NOTED is an webpage that lets you take notes on a URL by entering it into your 'noted.html' page. NOTED makes your browsing productive: view your notes from previous research sessions, watch connections emerge with tags ("crumbs") and use the shortened URL to reference notes in paper/analog journals and other digital platforms.

*Wireframe of NOTED's mainpage on desktop:*



## Expected List of Features

### Features for v1 :

1. User accesses noted.html, enters URL, then the note UI is displayed and the URL is used to populate new note defaults (title, description, keywords).
  - a. This is the main user action: when browsing, they want to make a note.
2. User adds notes, notes are persisted.
  - a. NOTED creates a running list of notes at that URL so you can see all of your notes at once.
3. User visits searchable index to retrieve URL & associated notes.
  - a. On the map.html page (not wireframed yet), organizational information will be mapped like a word cloud (including tags, date added, number of notes, URL keywords)
4. Bonus: Function to create a shortened URL to include in paper journal/notes.
  - a. Ideally, development of a link shortener will fit into this month's capstone project. Once a user creates a notedurl (by adding notes on a URL, for example: user9204.gtdmfer.com/noted/url=www.google.com), then they can use 'notes:495.html' type link structure to reference those notes elsewhere.

## Market Survey

Most solutions to this problem are browser based extensions. NOTED will be web-based - allowing the user to access their notes from any browser on any device. Another competitor to the idea of a URL-based note taking system is to enter the URL into a organizing-app (such as Evernote, <https://evernote.com/> or Microsoft's OneNote, <https://onenote.com>) - if the user currently uses one of these large systems, the user would be much better served by extending their use to include URL notes. NOTED is positioned to capture those users who are not already involved another task/information organizing system.

NOTED also stands out among the market landscape with a URL shortener specifically designed to make referencing your notes easy in the analog world, or on all other digital platforms.

This table summarizes a few notable market players and NOTED.

No	Name	Pros	Cons	URL
1	NOTED	- Low Complexity - Easy to Maintain	- No Mobile App Available - No Frills	<a href="https://gtmfer.com/noted">https://gtmfer.com/noted</a>
2	Evernote	- Complete Digital Journal Replacement - Great at handling relational information	- Requires it's own habit to keep operational - Subscription for premium features	<a href="https://evernote.com">https://evernote.com</a>
3	OneNote	- Integrated with MS Office - Appropriate for power users	- Steep learning curve - At the mercy of Microsoft	<a href="https://onenote.com/">https://onenote.com/</a>
4	Diijo	- Well Developed - Easy to Install as part of your browser	- Complex - Either pay or be subject to ads.	<a href="http://diijo.com">http://diijo.com</a>
5	Google Keep	- Its Google. - Easy to add simple notes	- Google is selling you, not Keep - Without dedicated apps, there is no access offline	<a href="https://keep.google.com">https://keep.google.com</a>

## Relevant References

Books about Habits

1. <https://www.goodreads.com/book/show/12609433-the-power-of-habit>
2. <https://www.goodreads.com/book/show/22889767-better-than-before>

Market Survey

1. <https://todoist.com>
2. <https://evernote.com/>
3. <http://productiveapp.io/>
4. <https://habitlist.com/>

NOTED Git: Design, Code and Development <https://github.com/claurette401/noted>

NOTED Deployed: <https://gtmfer.com/noted>