

# Wiki Book Search

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#### Purpose of Wiki Book Search Application

- This application offers a quick and easy way to search for books and general references according to the user's choices.
- This application helps the user find the information they are looking for online by using keywords and/or phrases. Also, the user will be able utilize two separate API's.
- The program we developed returns results quickly by scanning the Internet continuously and indexing every page it finds.

## Concept

- A sleek, simple, alternative that will allow the user to search for books and general references of their choice using Google Books and Wikipedia's API. These APIs work by crawling billions of pages using their own web crawlers (Bot that is typically operated by search engines). They navigate the web by downloading web pages and following links on these pages to discover new content that has been made available.
- As users, we wanted to develop a simple search engine that utilized two api's to return results
   The application needed to be simple in design, but complex in detail.
- As developers we utilized the POWER of Google Books and Wikipedia API combined! As users, we would like a simple alternative to our search results. This application provides the client with a quick and easy alternative for the client to receive more choices and faster results.

### **Process**

- Technologies used
  - o HTML
  - o CSS
  - JavaScript
  - Google Book's & Wikipedia's API
- Breakdown of tasks and roles
- Anthony HTML & CSS
- Erik JavaScript, Google Book's & Wikipedia's API
- Mohammed PowerPoint Presentation
- Challenges.
  - Adding a functional "clear" button
  - Formatting results
  - Problem: book search results return poorly formatted
  - Solution: create box that will contain book search results
- Successes
  - Ability to collaborate with team members successfully
  - Creating a successful Wiki Book Search application



Wiki-Search

# Deployment

## Directions for Future Development

#### We plan on adding text to speech capability:

- Text to speech helps those that are visually impaired
- Use CSS, bootstrap framework.
- Add additional JavaScript files.
- Implementation of google maps api for local businesses
- Reformat application for smaller devices
- Advanced Search

### Resources

- https://github.com/EPW80/Book-Search
- https://en.wikipedia.org/w/api.php
- https://epw80.github.io/Book-Search/
- https://www.googleapis.com/books/v1/volumes?g=