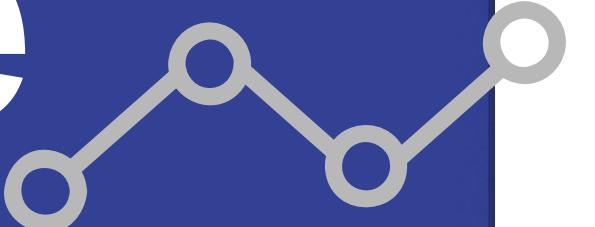


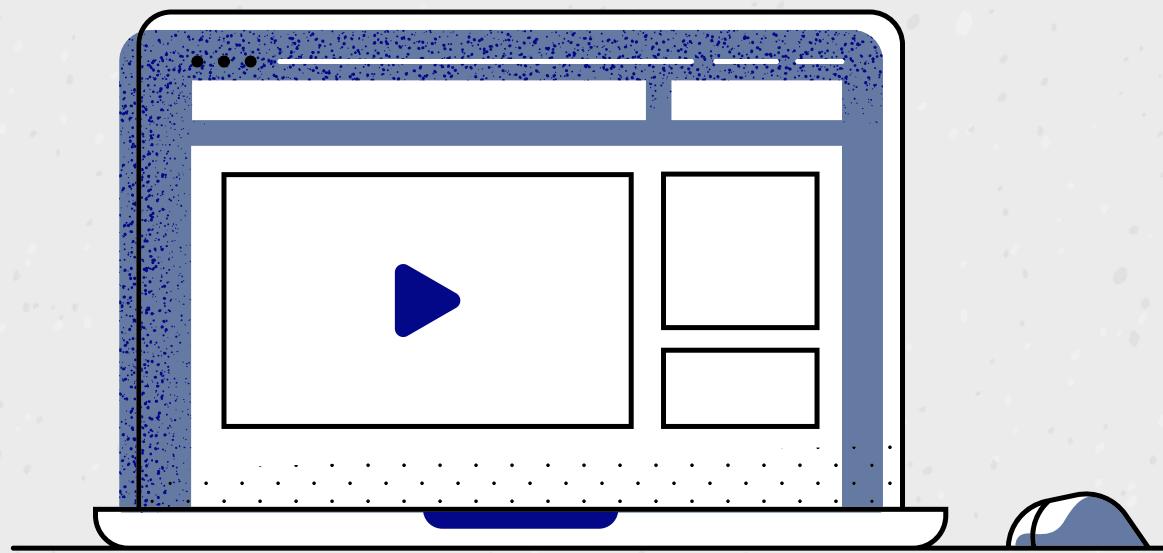
# Journalize

Streamlining Research with AI-Driven  
Article Summaries for Effortless Insight.

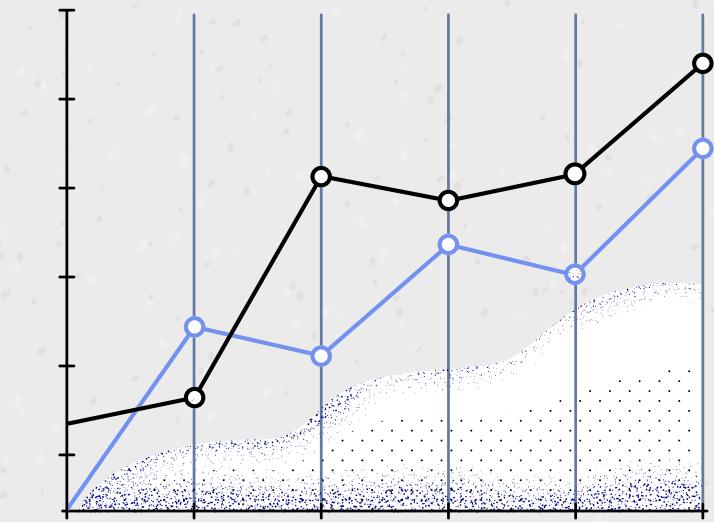




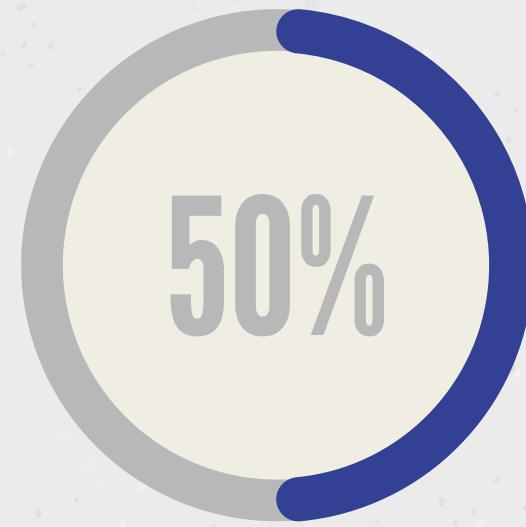
# Problem



The first step in most research processes is the arduous online search for relevant papers that align with your research question.



Requires cross-referencing of several websites to achieve successful results



“Professionals spend 50% of their time searching for information, and on average, take 18 minutes to locate each document”.





# Solution

A **one-stop** shop for gathering research resources

## **Solution 1**

Search feature that retrieves journal articles based on user's research question

## **Solution 2**

Personalized account where users can access search history

## **Solution 3**

AI Chatbot that enables users to inquire about their search results





# APIs, Databases & Audiences

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## APIs

- Cornell Arxiv
- Europe PMC
- IEEE Xplore
- ChatGPT
- TextRazor

## Databases

- SQL (login/regis)
- MongoDB

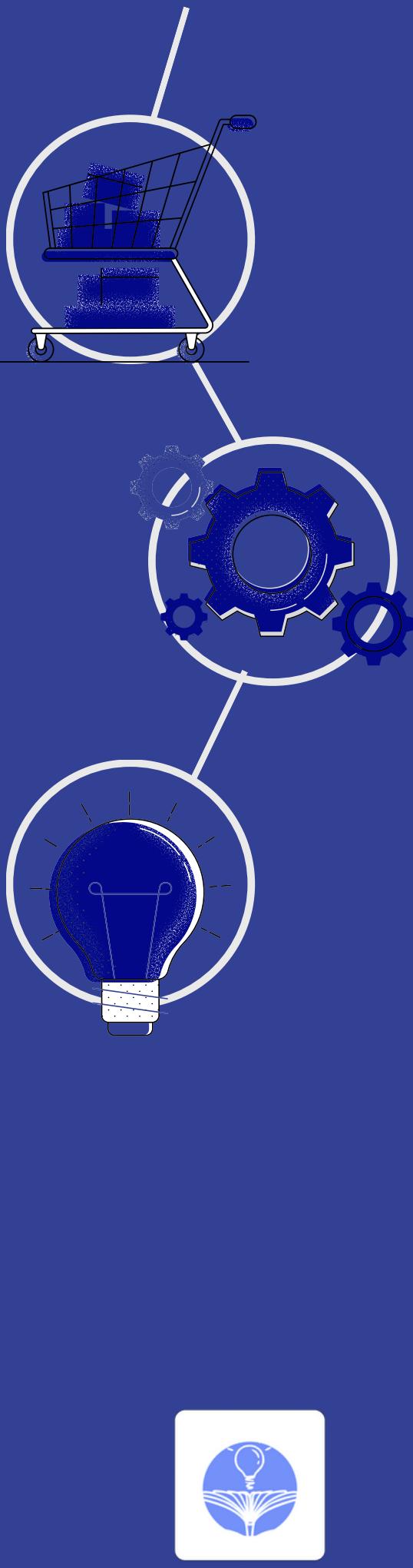
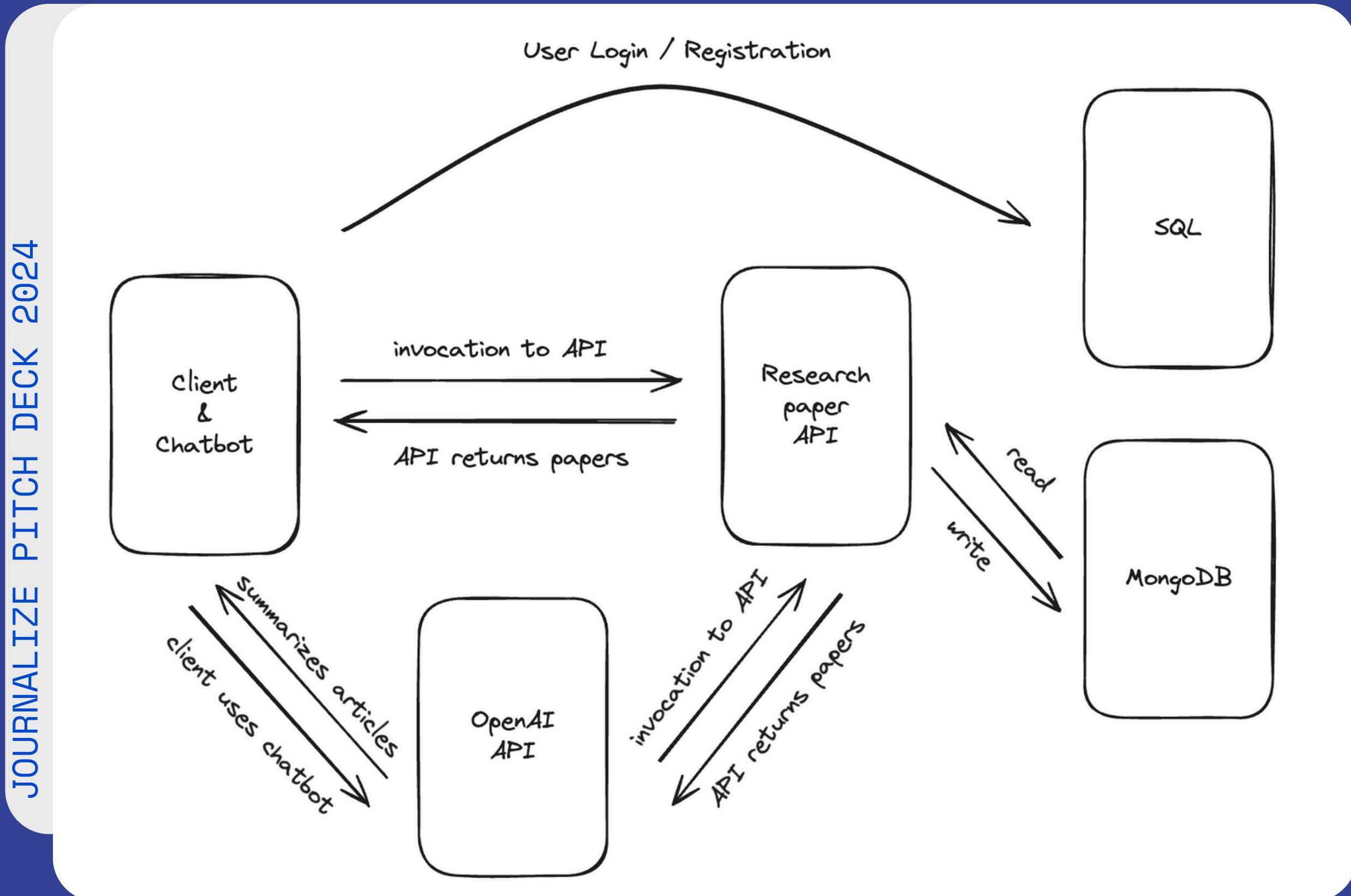
## Audiences

- Researchers
- Students



# Architectural Design

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# Inputs

User Login

(username, email, password)



Research Question



# Ouputs



List of sources



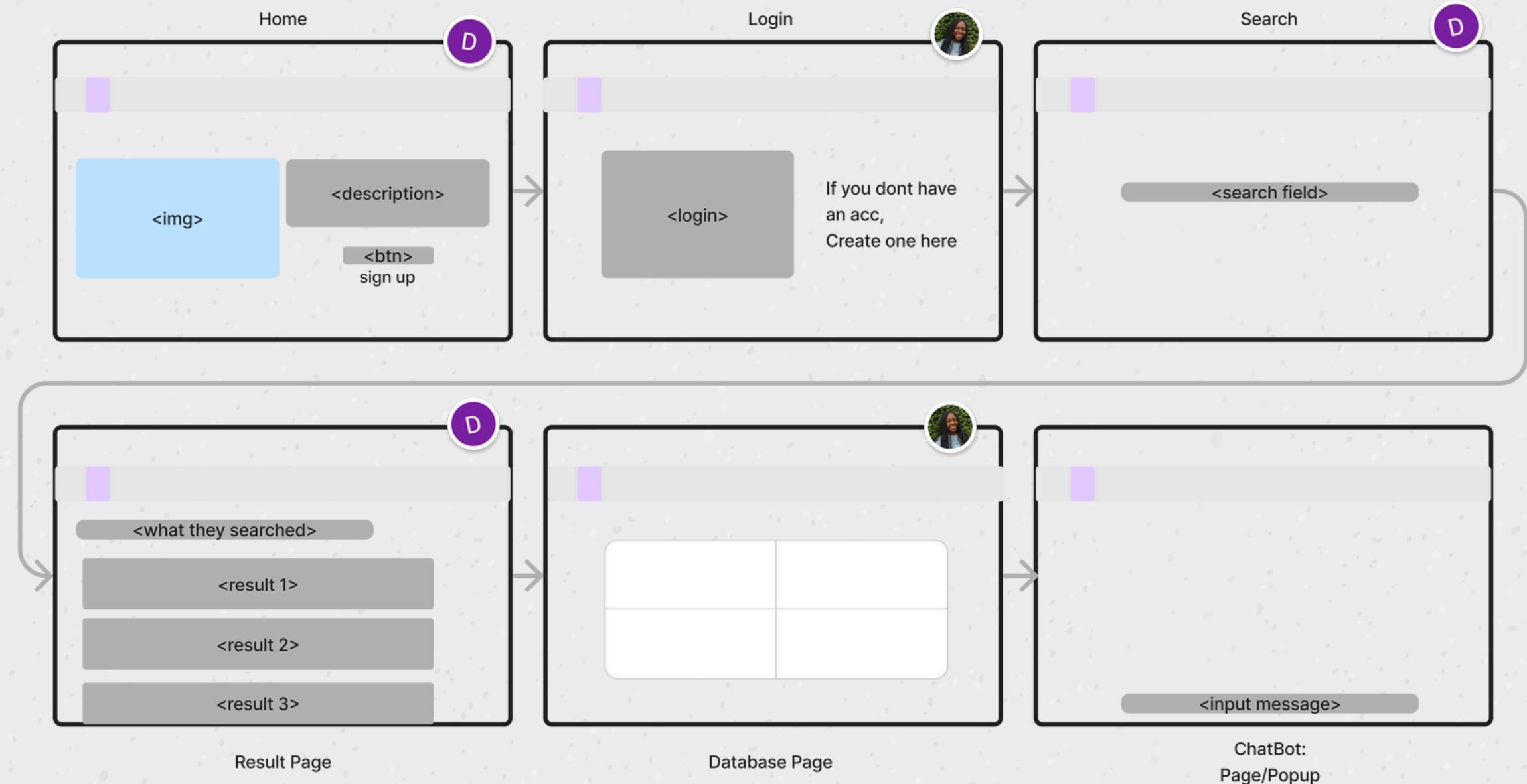
List of searches

.....



# Input to Output

1. Home/Chatbot
2. Login/Register
3. Search
4. Results
5. History
6. Logout





# Demo

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# Risks

## Risk 1

API(s) shuts down, individually or collectively

## Risk 2

Maximum call limit is reached

## Risk 3

Target search identifies articles without text

## Risk 4

Entered search is too specific or random

## Risk 5

Chatbot generates irrelevant and inaccurate information

# Success

## Success 1

Search feature retrieves a comprehensive list of journal articles

## Success 2

User search history is displayed on the History page

## Success 3

Chatbot generates relevant and accurate information





# Thank you!

Questions?

## SOURCES:

1. [HTTPS://SHORTURL.AT/94CPM](https://shorturl.at/94CPM)

