

Meet your librarybuddy

team: librarybuddies

Jonathan Lee, Marcus Yap, Matthias Lee, Sean Lim

Problem Statement

How can we help users unlock the full potential of SMU Library's search capabilities?

Solution Overview

- Browser extension
- Query SMU Libraries' database with natural language
- OpenAI's GPT-4 processes users' inputs to capture their intention
- Intelligently convert users' queries into search parameters
- Search history captures users' past queries and allows search refinement
- Highlight and search text

Smart Search

Converts natural language prompt to a structured smart search

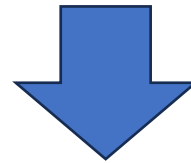
Refine Search: Get closer to what you're really looking for



Generate Insights

Elsevier:

...breakthroughs in health improvements, as well as basic research that have been accomplished through clinical applications. One paper examines engineering principles and practices that can be applied in developing therapeutic systems by a controlled delivery system in drug dosage...



OpenAI's GPT-4 + SMU Libraries

Librarybuddy:

(Health improvements OR clinical applications) AND (basic research) AND (engineering principles OR practices) AND (therapeutic systems OR controlled delivery system) AND (drug dosage)

Summary

Supercharge your search experience and fully unlock SMU Library's potential