HushhProto : FinSight

Your personalized guide to financial clarity.

1. Project Overview:

Finsight is a personal financial planner and advisor. It takes in PDF data of your monthly expenses and advices you on your extra spendings, suggests where you can make smart spendings and what things can be avoided.

Background:

Finsight is a project that I personally want to use and see it in action, being in college i paid very little attention on my spendidngs and spent a lot, mostly on junk foods, and travels. It so happened I ended up spending twice my stipend in a months trip at that time i realized i need to make better finance decisions. Large part of it was foods and flight tickets which were wrongly timed.
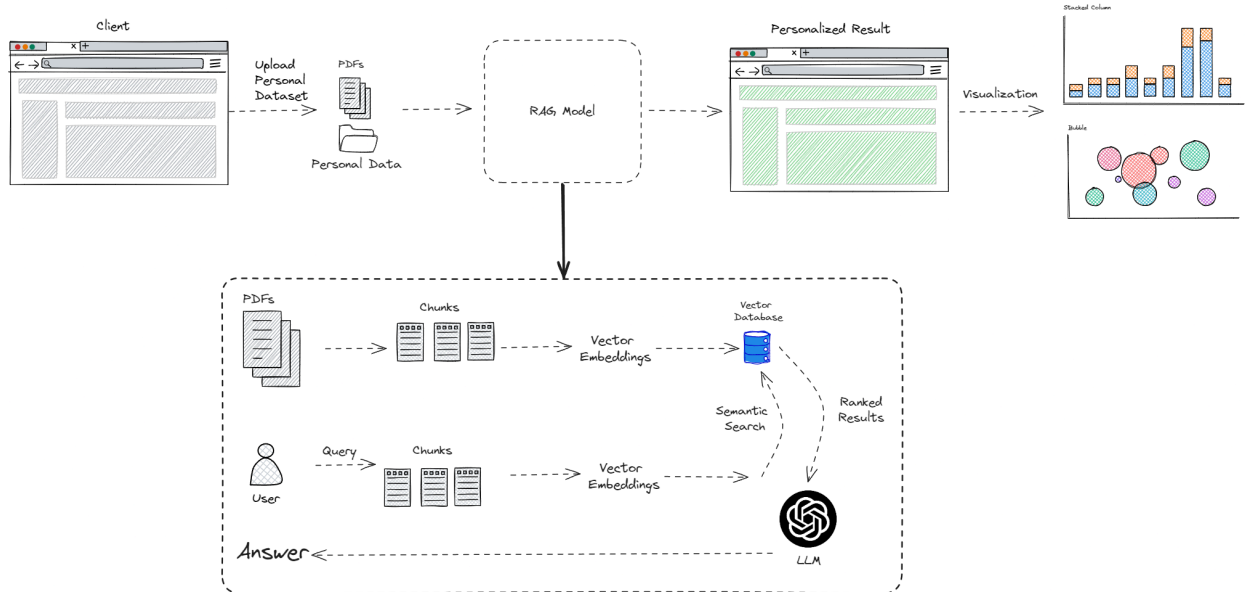
Finsight is my way to solve the problem.

2. Project Scope:

The Project aims to deliver the followings

      a. Ability to upload PDF, (future scope : Personal datasets from Notion or Excell sheets, or UPI SMS messages)

      b. Track my spendings categorise them into different sectors and help me in making smarter choices in payments.

      c. Future scoe: Displaying of charts, tables and graphs

3. UI / UX Flow:

4. Architecture
   a. Chunks and Embeddings
   b. Indexing
   c. Database
   d. Retrival
   e. Generation

5. Privacy

Making use of locally running llms like GPT4all can also run LLAMA2, all the files are stored in the user's specified directory so no cloud storage, user owns his data, Vector DB is also created in the users device.

6. Tech Stack Used
   a. Client
      i. React JS, Typescript, ShadCN ui,
   b. Backend
      i. FastAPI, Langchain, ChromaDB, HuggingFace,

7. Scalability

In order to make it more user friendly and accessible, i would host the frontend and backend, can make use of cloud providers to run the models.

8. <u>Improvements and Future Scope</u>

    a. Expanding on others ways to ingest data, eg: Data through excel sheet, notion, SMS messages from mobile.

    b. Adding a feature to analyse the data and make valuable insights

    c. Hosting it on the cloud to make it accessible

9. <u>Submission</u>

- [x] ~~Design Document~~
- [x] ~~Code~~
- [ ] Explanation of the build
- [ ] Demo Video
- [ ] Hushh app Feedback