

## **Project Overview**

News AI Agent for 3rd world countries where reliable and credible news is hard to find  
Personalized news agent that carefully curates news for users based on several key factors:

- Geographical location
- Personalized interest, based on previous news searches
- Important to know- general knowledge news
- Fake news prediction and detection

Mostly focusing on the following for each :

- Politics
- Sport
- Weather
- Crime and safety
- Local trends
- Health

Text-Speech/podcast(possibly in English and native languages)

## **Tech Stack**

- Frontend: React(Javascript, HTML, CSS)
- Backend: FastAPI(Python)
- Database: Firebase
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AI Models

- GPT-3.5 turbo for summarising and filtering(paid but affordable)
- Google Search API/Bing API(paid but affordable)

Crawler

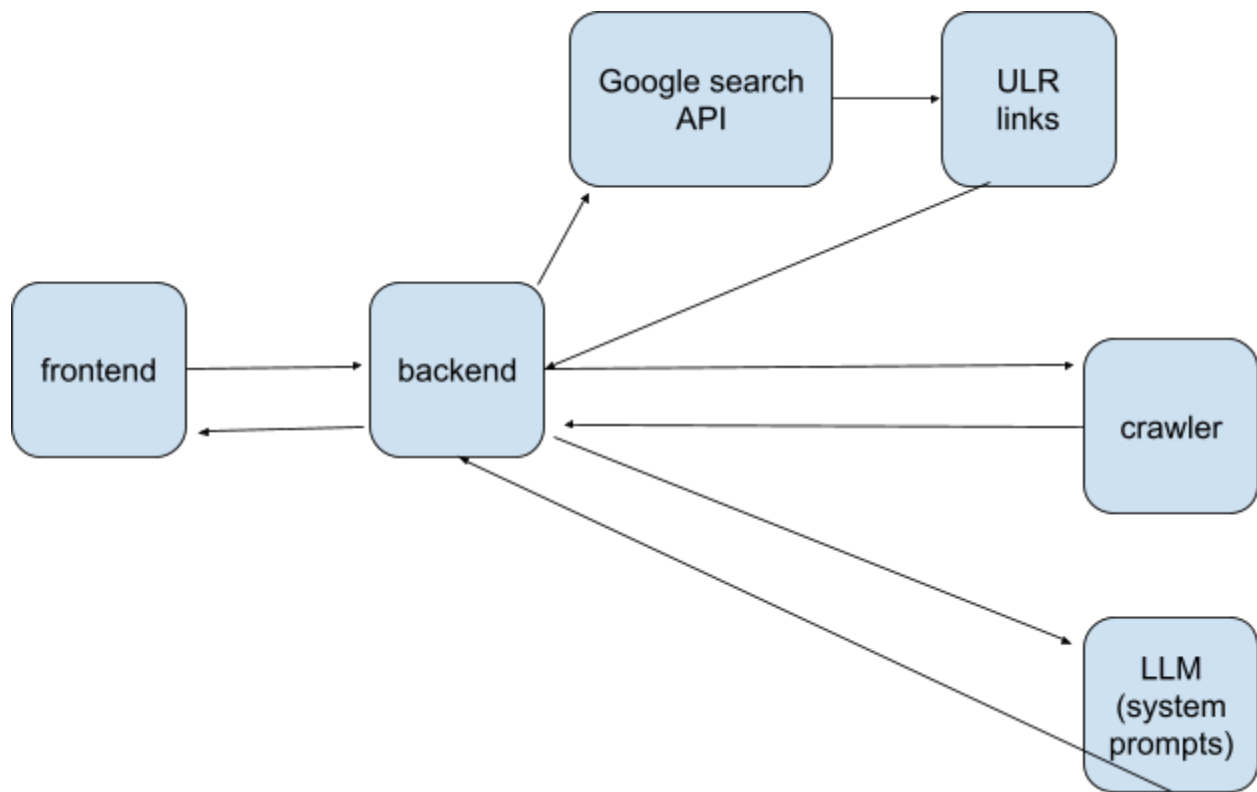
- Beautiful Soup to crawl those websites(free)

## **Project Design**

## **Project Timeline**

Week 1:

- Set up Github(Readme/tasks etc) and link to VSCode
- Install Project packages and dependencies and create a requirements file(for later deployment)
- Research



- Initialize the project
- Get started on the frontend design
- Have a minimalistic but functional

Week 2:

- Create accounts for Google Search, OpenAI API, BeautifulSoup, and get API keys
- Create a .env file and put your keys in there, and install dotenv (for loading your environment variables)
- Set up a requirements file and install the requirements
- Set up the environment using venv
- Create a dummy backend and route it to the frontend to test if everything is working
- Start working on the Google search route

Week 3: