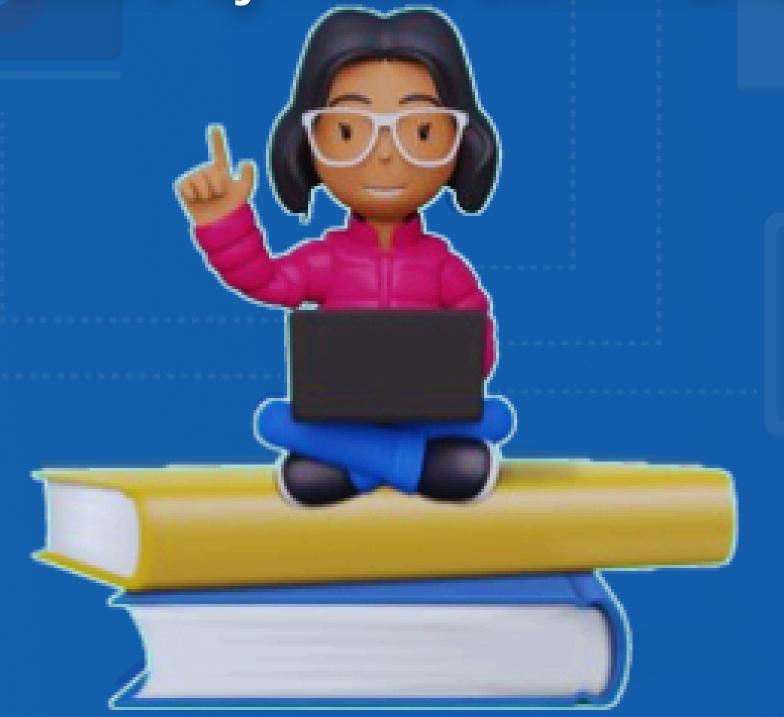
# One Query Away

The Future of News Summarization



Name: Chadrick Clarke

Date: April 07, 2025

Project for Interview

### Project Overview

#### Problem:

- 1. Too much content online
- 2. Professionals need fast, relevant social media content

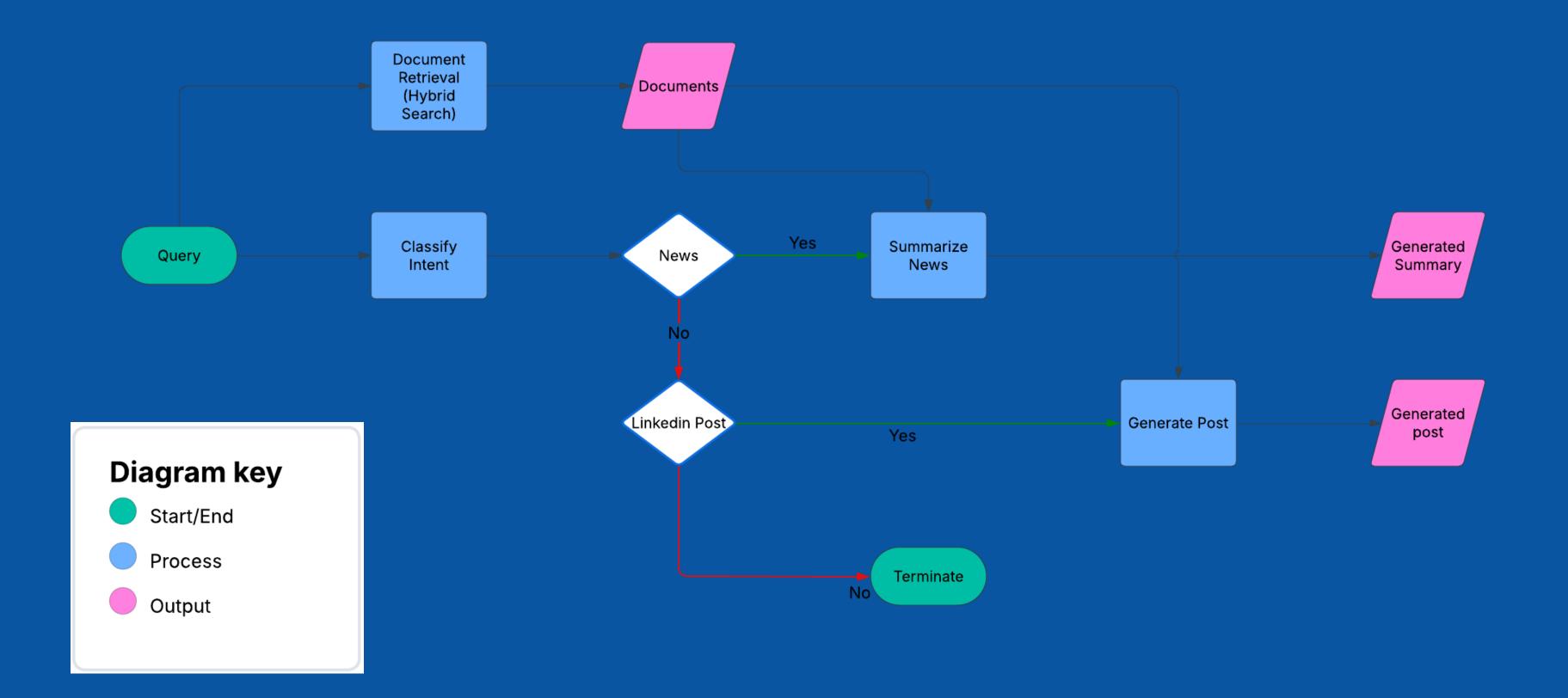
#### Solution:

- 1. Multi Agent System:
  - a. retrieves and summarizes news articles
  - b.generates professional LinkedIn posts upon request



"Turning Headlines into Highlights: Smarter Summaries, Sharper Posts." - Unknown

### System Architecture



### Key Features

#### Core Features:

- Full-article scraping with BeautifulSoup
- Unified document fields for improved embeddings
- Intent-based agent routing
- Hybrid search improves retrieval relevance
- LinkedIn post formatting template



## Sample Output

#### From Query to Result: Intelligent Routing

Surprising News Alert! Kepublican lawmakers threaten to shut down the govt over Biden's 'vaccine mandate.'
But here's the kicker: There IS an alternative! [Citation Needed] #COVID19 #Politics

According to a recent report by HuffPost, a faction of Congressional Republicans is threatening to shut down the U.S. government over President Joe Biden's vaccine mandate. However, they seem to be ignoring a significant detail: employees can choose weekly tests instead of getting vaccinated [1]. This revelation comes as Biden continues to urge Americans to get vaccinated to protect themselves and their loved ones [2]. Here's a quick look at why testing might not be a popular choice > Pro Tip: If you're required to comply with workplace regulations regarding COVID-19, consider discussing the testing option with your employer before making a decision. <br/>
Str. Pro Tip: If you're required to comply with workplace regulations regarding COVID-19, consider discussing the testing option with your employer before making a decision. <br/>
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What do you think? Is this an effective compromise for those who refuse to get vaccinated? Or will it only serve to fuel further controversy around the issue? Share your thoughts below! 👺 #Compromise #PublicHealth #WorkplaceSafety

- [1] Arthur Delaney, Dave Jamieson, and Igor Bobic, "Joe Biden's 'Vaccine Mandate' Has An Alternative: Weekly Tests," HuffPost, December 5, 2021, <a href="https://www.huffpost.com/entry/biden-osha-covid-testing">https://www.huffpost.com/entry/biden-osha-covid-testing</a> n
  61a7e76ec5b6faa6d03da3c0.
- [2] White House Press Briefing Room, "Press Gaggle by Principal Deputy Press Secretary Karine Jean-Pierre, en route Joint Base Andrews South Carolina," The White House, December 6, 2021, <a href="https://www.whitehouse.gov/briefing-room/press-gaggle/2021/12/06/background-press-call-by-principal-deputy-press-secretary-karine-jean-pierre-en-route-joint-base-andrews-south-carolina/">https://www.whitehouse.gov/briefing-room/press-gaggle/2021/12/06/background-press-call-by-principal-deputy-press-secretary-karine-jean-pierre-en-route-joint-base-andrews-south-carolina/</a>.

### Future Work

- Build API Backend Integration
  - Real-time interaction with external apps and services.
- Deploy as a Web Application
  - Accessible through an intuitive user interface
- Cloud Integration & CI/CD Pipeline
  - Automate deployment and scale

