SC2006

Team Motley Crew (Group 3)

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Demo Script

(Landing page)

Introducing Mini Digest, our personalised, accessible news summariser web application based on open AI's LLMs and newsAPI. This website has been deployed using Vercel and can be accessed online from any desktop or tablet device. Users are first directed to our website's landing page.

(Signup Page)

New users can click on the signup button. They will then be prompted to sign up using a new account on our signup page.

(Login)

To show you the login flow, I will sign out to log in using my existing credentials again.

After logging in, I reach my home page.

(Route Protection)

Additionally, the route protection that we have employed ensures that only authenticated users will be allowed to pass through the landing page to access our other features. This allows us to create a secure and controlled environment for our website.

(Home Page)

This is our home page, with two main toolbars,

With the top one showing the different pages we have, and

The second one showing the different categories that our news can be categorised into.

On the home page, each user will get a summary of the news for the day, based on the topics clicked. This will be generated by OpenAI's LLM running on the GPT-4 model, and it covers a broad range of categories.

There are two unique features of this page, one, the response from the OpenAI is being streamed in real-time, to improve User Experience.

Additionally, users can key in custom prompts in the stylise news section and click update. This allows them to personalize the summaries on the home page and causes the summary to stream again.

As you can see, our news summary now resembles a Disney story.

Moreover, if I were to click outside of the page, we have advanced state tracking implemented, which continues to generate the summary even after navigating to the different pages, and not simply ending

the stream and restarting the page when visited. This further contributes to the seamless User Experience on out site.

Next, moving on to our trending page.

This page shows users the trending news articles from various sources, that are pulled from news API.

Users see a brief description of the given news, and if they are further interested, they can click on the "Visit Page" button to visit the actual news article.

Alternatively, if they want to share the link with their contacts, they can click on share, and the link will be copied to the clipboard.

Additionally, the news articles will auto-scroll, enabling users to get a quick glance at the day's trending articles quickly.

(Explore page)

This page serves as a page for the user to scroll through all the articles that is fetched from the NewsAPI, and it has a few unique features.

First, the articles are sorted by their topic, meaning that the list of articles will only be from the topics selected by the user. Additionally, users can click anywhere on the article to further explore the news link.

Next, users can see both the fact of the day and today in history on the right side of the screen, powered by OpenAI's LLM. The fact of the day is randomly generated, whereas the 'today in history' feature is based on today's date. Additionally, users can refresh both to see newly generated facts. These will be stored in the system's local cache for easy and quick streaming. Additionally, the presence of loading skeletons also enhances the user experience.

Profile page

Finally, users also have a profile page, which displays their profile picture, their username, country, and age. This page serves two main functions: first, the initial summary on the homepage is generated to specifically cater to their age group. Next, users are also enabled to change their personal details.

For instance, they can change their username, which is updated in real-time and synced to the backend.

Additionally, users can reset their password manually on this page. If I were to change to a password that is too short, there is a password authentication function that auto rejects the password if the password criteria is not met.

Now let's say I forget my password. On the landing page, I can click on login and then click on forget password. Upon entry of my password email, I will first get a pop-up notification that tells me that the

reset email has been sent. Next, I can go to my email inbox to subsequently change my password from there.