



THE DAILY

FIVE

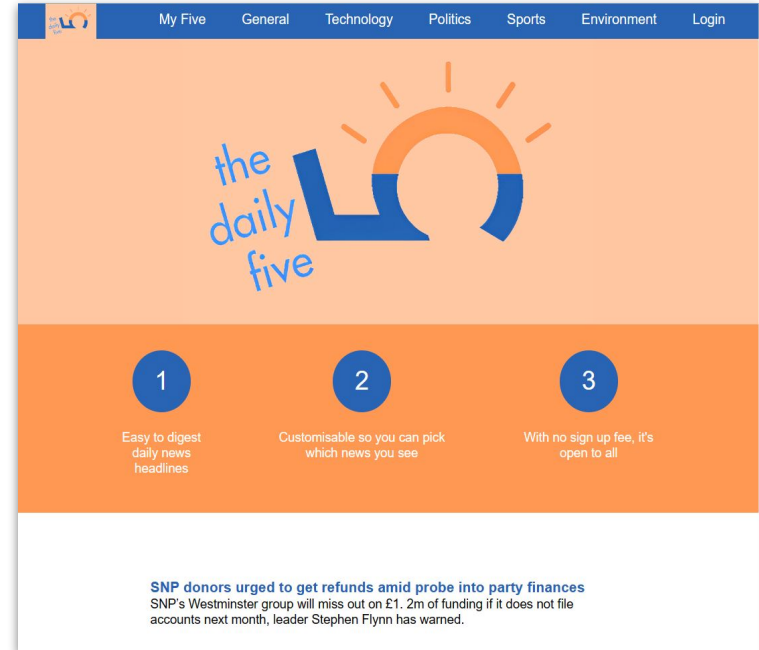
Structure of Presentation

1. Structure of System
2. Implementation
3. Collaboration Strategies
4. Key Takeaways



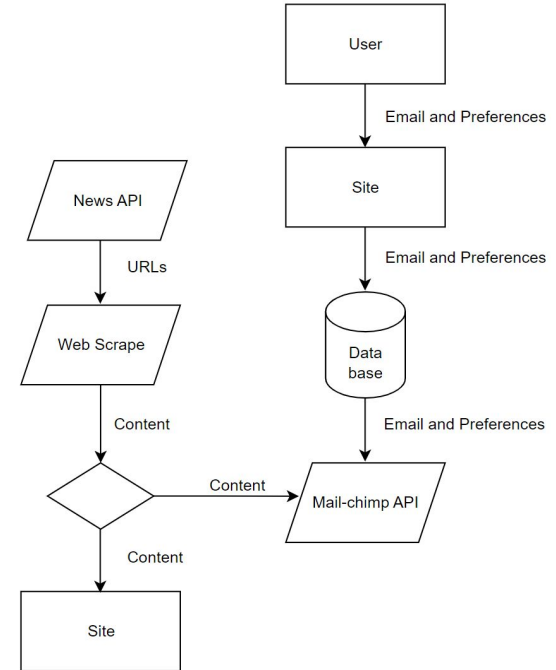
Overview of the Final Product

- Why we made it?
 - ▷ To provide a platform to keep students up to date with daily news
- Our solution
 - ▷ To directly email students with daily headlines based on their category preferences
 - ▷ Provide summarized articles

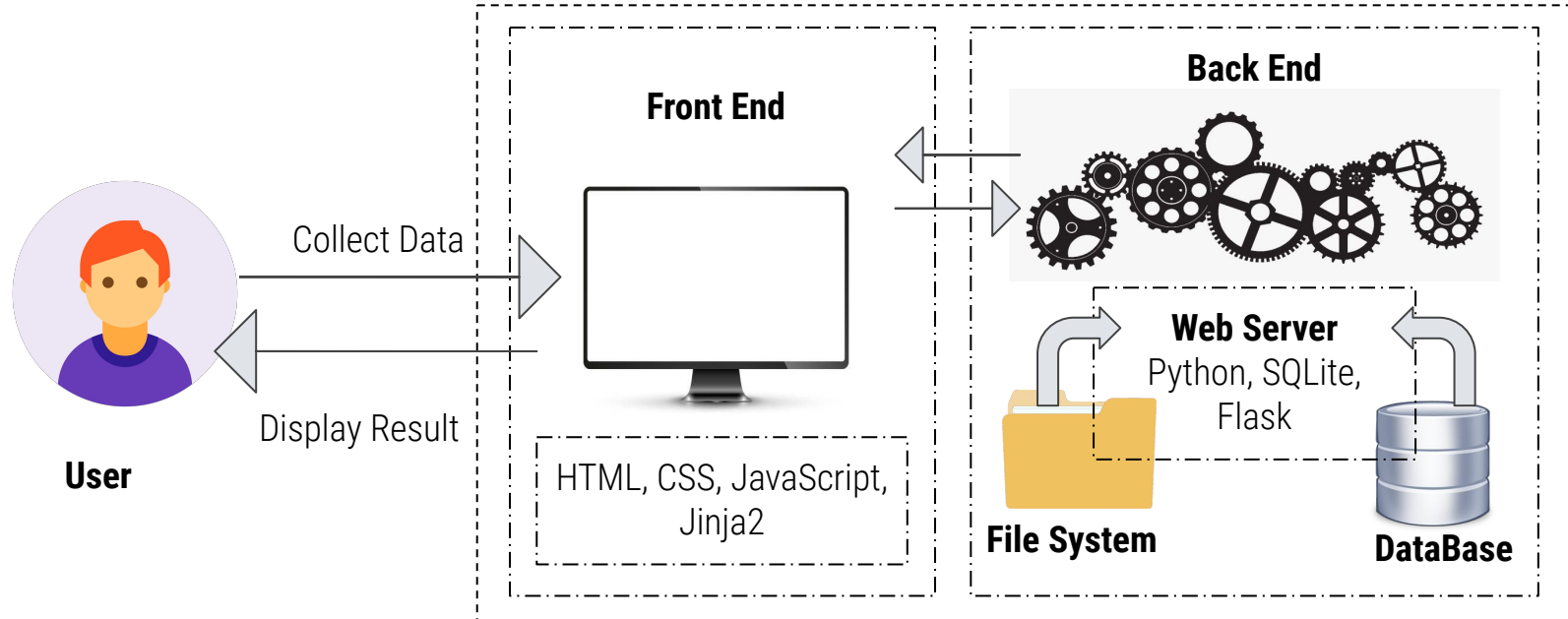


Structure of the System

1. **Website** - gather user email and preferences
2. **Database** - store the data retrieved from users
3. **MailChimp** - store user information and distribute
4. **NewsAPI** - retrieve the article URLs



Software Used



How We Used APIs

- NewsAPI
 - ▷ Perform a query based on key terms for each news topic
- Mailchimp API
 - ▷ Based on the user's preferences would be added to a group who would all receive the same email



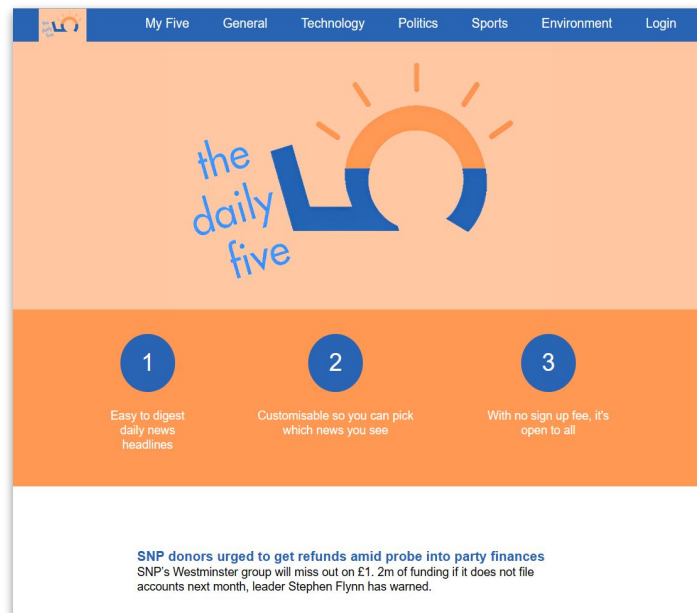
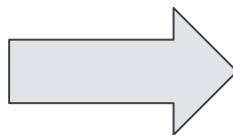
Database Structure

- Used a table that held the users who were registered
- Fields: User ID; Email; Password; Preferences
- Techniques used:
 - a. Password hashing and encryption.
 - b. Client-side session data storage.
- Make an api request based on the preferences that a user selected.

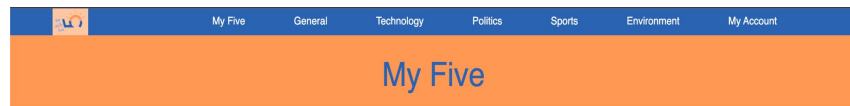
USERS:

ID	Email	Password	Preference
1	john@gmail.com	Eyj8iutoy	Politics

Changes to Home Page



Other changes we made



Bruce Daisley: "We should remember to enjoy the strength we draw from each other"

"If you want to go fast go alone, but if you want to go far, go together," says the famous maxim, which proves to be a helpful rule of thumb familiar to anyone who has found themselves on never-ending journeys in an Uber Pool. In fact, lessons from a champion marathoner might suggest that such epithets can give us an insight into understanding human resilience.

Microsoft's \$68.7 billion Activision takeover blocked by UK competition regulator
Jump to Microsoft's \$68.7 billion takeover of "Call of Duty" developer Activision has been blocked by the UK's competition regulator, marking a devastating blow to the blockbuster deal.

Atlanta's so-called 'Cop City' is igniting protests. Here's what we know about the foundation behind it
Earlier this month, nearly two dozen people were arrested after demonstrations against a police and fire training center near Atlanta that opponents have dubbed "Cop City." But while critics of the facility say it will harm the environment and propagate police militarization, the controversy has seeped into the foundation behind it.

Exclusive: National security officials tell special counsel Trump was repeatedly warned he did not have the



Credit Suisse saw \$69 billion in outflows at start of 2023

Ailing bank Credit Suisse on Monday reported over 61 billion Swiss francs (nearly \$69 billion) in outflows in the first three months of the year, when Switzerland's government arranged for its takeover by rival UBS, and said clients are still withdrawing assets. The Zurich-based bank cited the "significant net asset outflows" as it posted results skewed by an emergency rescue that was orchestrated by Switzerland's financial markets regulator and included the wipeout of some 15 billion Swiss francs in higher-risk bonds.

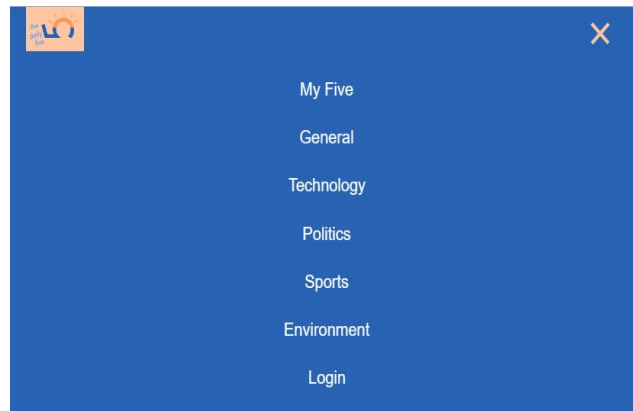
Coachella fashion trends that predict what we will wear this festival season
Coachella has finished for 2023 and the Californian festival has once again made the headlines for bold fashion looks. Taking place over two weekends and headlined by Blink-182, Frank Ocean, Bad Bunny and Blackpink, the festival is famous for attracting celebs and influencers – this year, stars including Kendall Jenner, Hailey Bieber, Lil Nas X and Camila Cabello all descended on the desert event.

Derby: Man in court over brother's dog attack death

A man has appeared in court following the death of his brother who suffered injuries in a dog attack. Wayne Stevens, 51, died after the attack at a house in Cameron Road, Derby, in the early hours of Saturday.

Italian chain Prezzo to shut 46 restaurants with 810 jobs set to go
Prezzo is to shut 46 loss-making restaurants after being hit hard by soaring energy and food costs. The Italian restaurant chain has said about 810 workers are at risk of redundancy as part of the overhaul.

Other changes we made



Technical Collaboration Approach

- GitLab
 - ▷ Branching
 - ▷ Separate files
 - ▷ Pulling changes
- Trello
 - ▷ To-do lists
 - ▷ Tracking changes



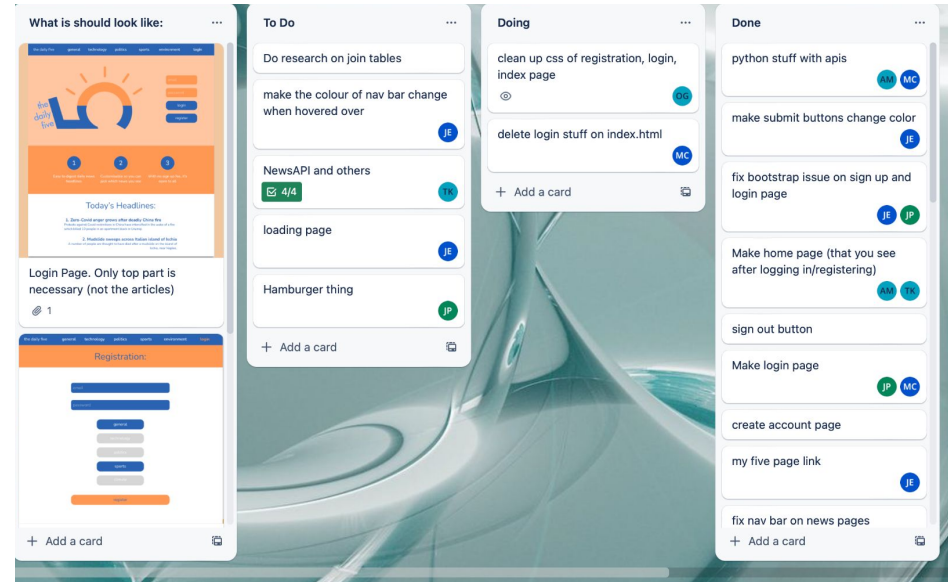
GitLab



Trello

Process for Effective Collaboration

- Trello
 - ▷ Easily accessible
 - ▷ Team decisions
 - ▷ Responsibilities
- More regular meetings
 - ▷ Longer meetings
- Comparing progress to Gantt chart



Distribution of Responsibilities

- Front End: Jay, Jasmine and Olivia
- Back End: Timothy, Angel and Matt
- GitLab allowed us to provide contributions simultaneously



Legal and Ethical Considerations

- The scraping of article content
 - ▷ As it is intellectual property, we emailed sources to clarify
- Storing personal user data
 - ▷ We used encryption to ensure that data was stored securely
- Showing reliable sources
 - ▷ Using untrustworthy sources would mislead users and decrease content quality



News website permission requests <News.website.permission.requests@bbc.co.uk>

To: Matthew Cook

Dear Matt,

Thank you for your email.

The BBC is happy to give you permission to use text only content from BBC News articles in your project.

Please be aware that there are copyright restrictions on most of our images and graphics, so we are unable to give you permission to use tho

Kind regards,

BBC News Permissions Team (EO)

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Areas to Improve

- Considering time constraints
 - ▷ We found it difficult to estimate how long certain parts of the project would take
- Testing of user experience
 - ▷ We did not gather opinions of those outside of the project



Thank you!