Home

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Description

- Web application with important/interesting at glance information for daily use.

- News and Email is collected using various APIs and stored

- All information is then rendered into an easy to read format in the form of a dashboard

- My goal is to eliminate the need to go to different websites and applications to collect information for regular day to day living

Features

- <u>User login</u>: Users will be able to create accounts, and log in to the application.

- <u>Saved data</u>: News clicked will be saved to build custom experience

- <u>News</u>: News is extracted from multiple websites

- <u>Email</u>: Top priority emails

- <u>Calendar</u>: Important events of the day

- <u>Entertainment</u>: Movies in theaters

Planning - User Stories

- Inspired by the lack of simple means of acquiring information without going through multiple web pages and avoiding advertisements.

- Useful for anyone who wants to avoid the chaos of getting news, entertainment information, and email.

- User can login into a web application and view multiple panels on one page that provides clickable links for news, entertainment, and emails

Planning - Database

- Database stores user login and dashboard criteria.

- A table will store
  - login information
  - news criteria for a unique user dashboard (future upgrade)
  - clicked news articles to build custom news (future upgrade)
  - relational data on user and preferences (future upgrade)

Technology Stack

- <u>Language</u>: Java

- <u>Framework</u>: Spring Boot and Security

- <u>Template engine</u>: Thymeleaf

- <u>Database engine</u>: MAMP MySQL Database

- <u>CSS Theme</u>: Materialize SASS Generated

- <u>APIs</u>: Gmail and JSoup

Demo

What I Learned

- <u>Spring Security</u> - used built in features to secure website (minimal)

- <u>Jsoup API</u> - integrated and found out how to use css searches to filter data from a whole webpage

- <u>Gmail API</u> - using to receive priority emails

- <u>Materialize SASS</u> - Used to make website look pleasing

What's Next

- making a unique dashboard for each user

- clicked news articles will build custom news