

Agile Writer

By Team Amazone

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Tools



Github

...used for collaboration and repo hosting.

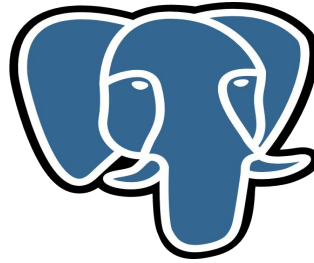
Rating: 5



Fable

...used for converting F# code to JavaScript.

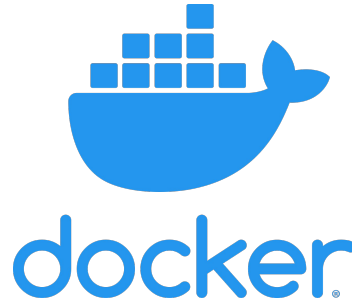
Rating: 5



PostgreSQL

...used for storing user data, file system information, and document files.

Rating: 5



Docker

...used for creating reproducible deployments.

Rating: 5



Heroku

...used for the cloud deployment of our platform.

Rating: 4

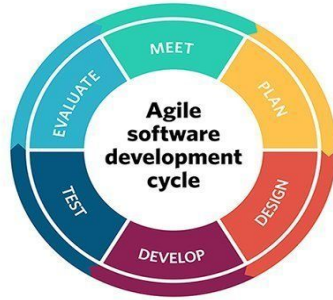
Tools (continued)



Node JS

... this was used as our server framework.

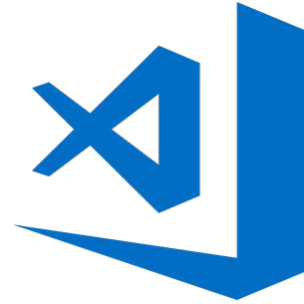
Rating: 4



Agile

... the methodology with which we created and worked through the site.

Rating: 5



Visual Studio

... this was the integrated development environment that we all used for the project

Rating: 5



Jira Software

... a general project manager, which we used to help implement our Agile methodology

Rating: 4

Key Libraries



BCrypt

...used to hash passwords so that they can be safely stored in database, as well as comparison for authentication

Rating: 5



Passport

...used for site-wide authentication for users and maintaining basic information

Rating: 5



Quill JS

...used as the backbone of the rich text editing portion of the web service.

Rating: 5

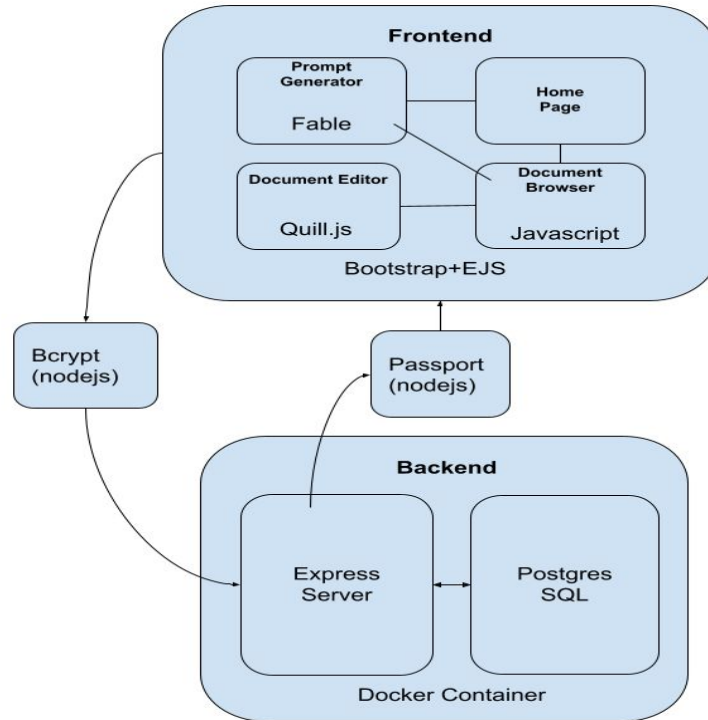


Bootstrap

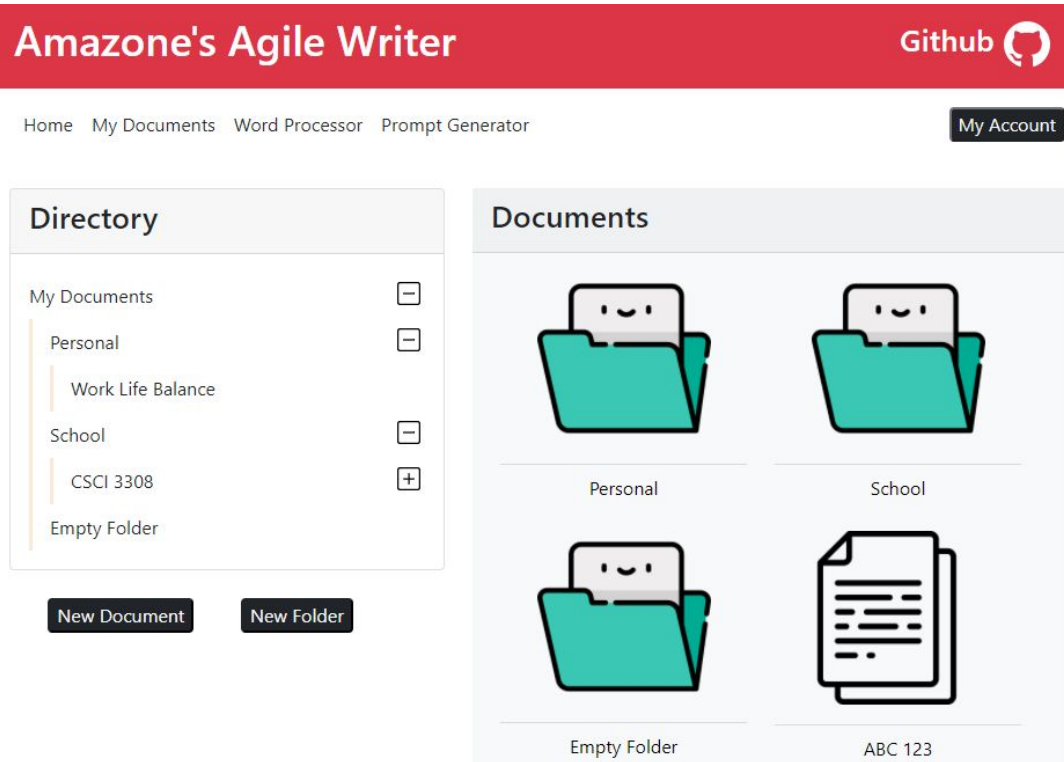
...used for consistent styling and dynamic web pages that resize and reorganize with the window size.

Rating: 5

Architecture Diagram



File System Management



- Our filesystem is the front-end integration with our database.
- Every file and folder uses a combination primary key
 - Different users can have the same folder names
 - Different folders can have the same file names
- Other features
 - Drag and Drop
 - Rename files/folders
 - State saving

AI

Eleuther GPT-J

- 6B parameters
- Based off of the OpenAI GPT architecture and trained on 825 GiB of texts from the internet
- Calculates the most probable next token/word continuously until a sentence or paragraph is generated
- Free architecture and free (for now) access API
 - Seemingly only one request at a time per IP
- Potential to be ran server-side (published on Huggingface)

MODEL: GPT-J-6B

[Model on Github](#)

Prompt List

*Try a classic prompt:
evaluated on other models*

Many philosophers have asked and failed to answer the question, "What is the meaning of life?". In this paper, I conclude that, ultimately, the meaning of life is



Run the model! ⚡

Powered by [Neuro](#)

RESULT

Many philosophers have asked and failed to answer the question, "What is the meaning of life?". In this paper, I conclude that, ultimately, the meaning of life is nothing, and that this nothingness serves as a catalyst that causes us to form identities in the first place. It is our need to escape from this nothingness that drives us to identity formation, which leads us to making concrete, experiential sense of our own lives. This is what I will refer to as the "Nothing" of life: the radical meaninglessness of all of life. It is this that causes us to form identities. I will begin by introducing the philosophy of existentialism and its theory of meaninglessness. Next, I will introduce the philosophy of Ludwig Wittgenstein and his theory of language. Then, I will

Send result as prompt

Challenges Encountered

Challenge 1: The AI that we are using takes several seconds (up to a few minutes) to generate text, which may hamper our plans on implementing any sort of auto-completion using this AI. We may have to look outward towards using additional AI services to implement this feature.

Challenge 2: Time management and forward planning. We all had very little experience in developing in an AGILE type format, and have struggled with keeping the Jira board up to date and in-line with current progress. We have also struggled to make our meetings meaningful and have ended up overlapping in some areas of code.

Challenge 3: Division of labor. Kind of overlaps with the previous challenge. This was especially challenging because we had a group member drop out in the middle of the development cycle, and their tasks were never able to be completed by any of the other team members.

Demo