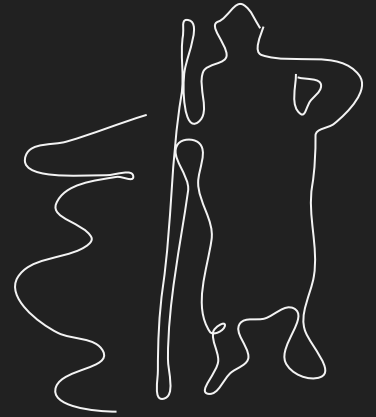


Project Mim

Mim - A figure in  
Norse Mythology,  
renowned for his  
knowledge and wisdom...



## Breakdown:

Project Mim is a terminal app that allows the user to create a glossary of words, terms, phrases and acronyms for themselves. A user can create a new term, look up saved terms and group them based on their category. A user also has an option to create more categories.

The terms that have been created will persist even when the app is closed down and rebooted. The terms can be written to a pdf/text file.

A user can store terms  
with descriptions,  
categories, and resources

User can search terms by  
name or category.

## Features



```
graph TD; F1[A user can store terms with descriptions, categories, and resources] --- C((Features)); F2[User can search terms by name or category.] --- C; F3[User can print the terms to PDF/text.] --- C; F4[The data persists once the application is closed down and rebooted.] --- C;
```

User can print the terms  
to PDF/text.

The data persists once the  
application is closed down  
and rebooted.

## Logic:

- The user boots up the application in the terminal.
- The menu option is presented to the user.
- The user can choose one of the following options:
  - Create a new term
  - Search for a term
  - Search term by category
  - Create a category
  - Print terms to PDF
- The search results are printed to the screen.
- The user can select the term that they are looking for.



# Architecture/Build:

## Classes

### Term:

- Creates a new term.

### Category:

- Creates a new category.

### InputOutput:

- Reads user input and displays output to the terminal.

### ReadWrite:

- Reads and writes Terms and Categories to JSON files.

### PDFWriter:

- Writes stored terms to PDF.

### Search:

- Searches for terms via name or category.

### Mim:

- This runs the App.

## Process:

- Post it wall
- Transferred to Trello Board
- Created Repo in Github
- Selected gems: Colorize, Rubocop, PDF writer, Faker
- Outlined App Architecture
- Slide deck to solidify my idea





Favourite parts:

- Locking in an idea for the App
- Post it wall
- The name of the App
- Choosing gems
- Learning about testing
- Coding

Fin ...

