

# COMS-276 Final Project Plan

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## Project Overview

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This project will be an “inspiration generator” for writers and possibly other creatives who are stumped the topic of their next project. It will generate a customizable combination of prompts from the database I will provide it, so any number of users will be able to utilize it without all coming out with the same small pool of prompts.

## Intended Audience

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This project was created primarily to help myself and my friends but will also be useful to anyone looking to spark some inspiration for a creative project. It is designed with authors in mind, but could also be used by artists trying to figure out what scene to draw, and with some stretch of the imagination could be used to plot out the beats of a social encounter in a TTRPG game, and so on and so forth.

## Criteria

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- Contains at least three forms:
  - Landing page to direct the user to prompt generation or to add their own prompts
  - Prompt generation page with customization options, which will display the prompt(s) generated
  - Prompt addition page which will display the quantity of each type of prompt, as well as displaying the most recent prompt in the database after the user adds their own
- Interacts with a data source of at least 500 records:
  - I will be moving the 562 prompts I already have in an Excel file over to an Access database, for familiarity with accessing and editing the data.
- Application includes HTML reporting that can be viewed onscreen:
  - Prompt generation page and likely prompt addition page will display their information using HTML reporting.
- Application is deployed with a setup application:
  - I will utilize a setup application.
- Application includes at least one class object:

- Application will likely contain a `clsGlobal` class to ensure all of the forms have the same styling, and a `clsData` class to handle accessing and adding to the database.
- Application is documented with XML documentation:
  - I will utilize XML documentation.

### **Benchmarks**

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1. Moving all existing data into Access
2. Ensuring all three of my forms are created and successfully lead to each other
3. Finalizing functionality of the prompt generation page (will require a button to generate/re-generate a prompt, a way to access options for type of prompt(s) generated, and an HTML report to all work correctly)
4. Finalizing functionality of the prompt addition page (will require label displays of each type of prompt and how many there are, text boxes and dropdown menus to enter user data into, sanitization of data before being sent to the database, and HTML report of the most recent entry into the database to confirm that the prompt was added successfully)
5. Ensure forms are designed in a pleasing way

## Interface Mock-Up

The image displays three windows of the Inspirize interface:

- Inspirize Prompt Generator**: A window titled "Inspirize" with a subtitle "Writing Prompt Generator". It contains two buttons: "Get Customizable Prompt" and "Add Custom Prompt".
- Customize Your Prompt!**: A window titled "Customize Your Prompt!". It has a text input field "Write a scene..." with a "Prompt!" button, and a sub-section "Containing the dialogue..." with the text "Why am I the one who always has to sleep on the floor?". On the right, there are sections for "Generation" (radio buttons for "Default" and "Customized"), "Prompt Types" (checkboxes for Quotes, Action, Color, Trait, Theme, Company, Reason, Duration), "Prompt Complexity" (radio buttons for All, Simple, Abstract), and "Emotion" (a scrollable list). A large text area at the bottom is currently empty.
- Add Your Own Prompt!**: A window titled "Add Your Own Prompt!". It features a heading "Inspirize is drawing from:" followed by a table showing statistics: 310 quotes, 37 actions, 37 colors, 37 traits, 37 themes, 37 additional cast, 37 reasons, and 37 timeframes. Below this, there is a section titled "Add your own!" with fields for "Prompt Type\*", "Prompt\*", "Complexity\*", and "Emotion", and an "Add!" button.