

Program Specification

For this program, I am planning to create two classes. A Journal class that will get the users' choices(based on the menu displayed) redirecting to the Entry class where the RandomPrompt() method will be prompted if the users want to write, and the entry will be stored inside StoreEntries() method, or if the user chooses to load a file, this entry will be stored inside the StoreEntries() mainly the Entry class will be responsible for prompting the randoms questions and storing the users' entries. And the Journal class will be responsible to get users' choices, interacting with the Entry class by displaying all the entries from the StoreEntries(), loading files into the StoreEntries(), and Saving the stored information inside this method into a CSV file.

To summarize, you have two classes:

1. Entry: This class is responsible for prompting random questions using the RandomPrompt() method, storing the entries using the StoreEntries() method, and setting the date and text properties for each entry.
2. Journal: This class is responsible for getting the user's choices, displaying the entries stored in the StoreEntries() method, loading files into the StoreEntries() method, and saving the entries to a CSV file.

Journal	Entry
<ul style="list-style-type: none">. Add a new entry. Display all the entries. Load from file. Save to File	<ul style="list-style-type: none">. Show the random prompts. Store the entries in RandomPrompt.. Store date and time
<code>_userChoice: string;</code> <code>_csv: string</code>	<code>_userEntries: List<></code> <code>_userEntry: string</code> <code>_DateDate: string</code>
<code>GetUserChoice(); void</code> <code>DisplayEntries();void</code> <code>LoadCsvFile();void</code> <code>SaveToFile();void</code>	<code>RandomPrompt(); void</code> <code>StoreEntries(); void</code>

Diagram

