Class: Journal

Responsibility: Keep updating the entries of the user.

Behaviors: Displaying all the entries, saving to a file and loading from a file.

Class: Entry

Responsibility: Adding an entry, holding the entry data.

Behaviors: Displaying an entry.

Class: PromptGenerator

Responsibility: Giving a prompt to the user.

Behaviors: Giving a prompt randomly.

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| --- | --- | --- |
| Journal | Entry | PromptGenerator |
| \_loadFile:string  \_saveFile: string  \_dateText: string  \_entries: List(Entry) | \_entry: string | \_prompts: List(Prompt) |
| Display():void  Save():void  Load():void | Display():void | Random():int |

The main function will show the choices.

1.Write 2.Display 3.Save 4.Load 5.Quit.

According to the user’s choice to call the class or method.