

journal
string author Entry* entries (array pointers to entries) string password int numEntries double avgWordCount int longestPost int shortestPost fstream EntriesLog
<ul style="list-style-type: none"> - void getPassword() - void encrypt() - saves all entries, encrypted into the EntriesLog - void decrypt() - pulls all entries from EntriesLog, generating an Entry object for each entry - void countWords() - void displayEntry() - void addEntry()

Entry
string textBody int wordCount int date (format?) int mood string madeHappy
<ul style="list-style-type: none"> - void setTextBody(string*) - gets text from user - string* getTextBody() - int getWordCount() - void countWords() - void setDate(int) - automatically attach current date/time somehow? or prompt user? - int getDate() - void setMood(int) - int getMood() - string* getMadeHappy() - void setMadeHappy(string*)