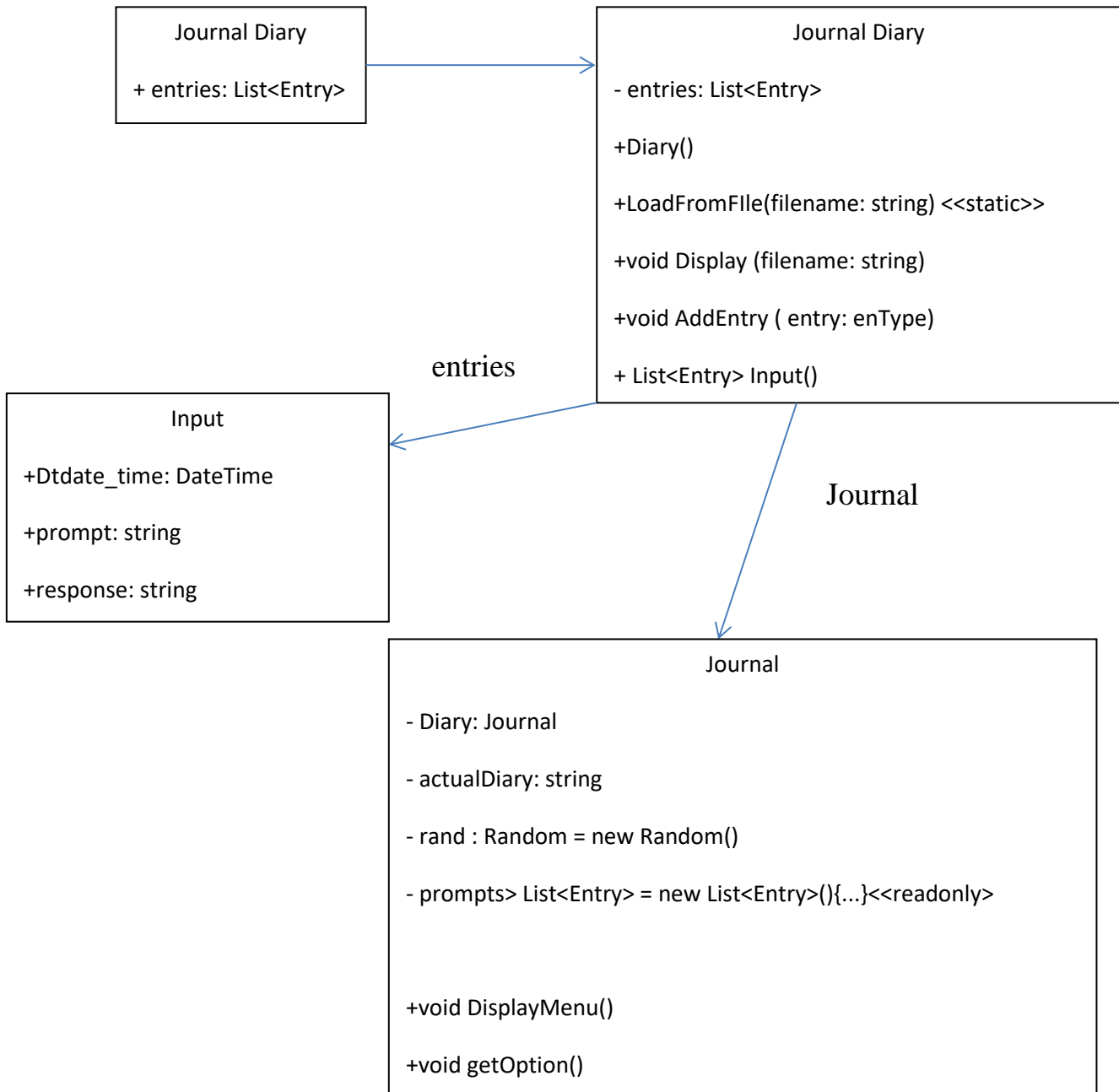


## CSE 210 DEVELOP 02 Project Design

### 1 Class Diagram



### 2 Program Flow

#### 2.1 Menu

An instance of the Journal Class will handle the loop of the options displayed. The user's options will be displayed on the screen, with an input read. The supported actions are:

1. Entry (section 2.2)
2. Load File(Section 2.3)
3. Save File(Section 2.3)
4. Display File(Section 2.4)
5. Exit (Section 2.5)

## 2.2 Adding a new Entry

When adding a new entry, the user will see a random prompt (handle by the journal class), which will store the question and the answer of the user in the journal.txt file

## 2.3 Load/Save

The file could be loaded or saved according to the option chose. The entry will be stored on a disk as a JSON through serialization, which will transform the list of entries in the Journal class into a JSON document, and finally write it to a disk. IN counterpart, deserialization does the reversal process.

## 2.4 Display

Display is handles through a simple loop that will show the file according to the answers and questions stored in the file.

## 2.5 Exit

When the user types 6, the program ends.