**Personal Journal App**

Create a terminal application to store personal journal log with user management, to be run locally and not on cloud. For simplicity consider you could enter only textual content in journal data.

**Terminologies**

**User** : An independent entity with access to its own journal. Data should not be shared between users.

**Journal** : A text log containing multiple entries.

**Journal Entry** : A piece for text accompanied by a timestamp

**Features required**

1. **User Management:** On starting the application the user should be presented with either Login or Sign Up options. On Sign Up Do not ask for a password again
2. **Journal Management:** After authentication, the user should be presented with two options to either list all his previous entries or create a new entry. Maximum 50 Journal entries should be allowed per user. Newer entry after 50 should replace the oldest entry(like a queue).
3. While showing previous entries each entry should be preceded by time in readable format and data followed by the text input

Eg.

25 Jun 2019 10.30pm - Some text that the user entered

23 Jun 2019 10.00am - Some text that user entered

The application should run locally on a terminal and store data on files locally but not in any database (hosted locally including authentication data). The application should support multiple account creation up to 10 accounts.

Steps to Run:

* As the code is written in java, System must have jdk 1.8.0\_211

<https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html?printOnly=1>

* Open command prompt
* Go to location: \PersonalJournalApp\src\main\java in command prompt
* Enter: javac PersonalJournalMain.java and press enter
* Enter : java PersonalJournalMain and press enter
* Application start running
* Upto 10 accounts can be created and Per user latest 50 entries will be available

(Screenshots are also attached below)



