**Description**

Just like the name indicates, our app is designed to record, store and organize diary. The storage system is efficient since it uses a **linked list** rather than an ordinary python list. The record and organize system use the different functions we defined to do so. Diary page searching runs in an efficient time since it uses **merge sort** algorithm to sort titles.

It is possible for a user to write and record a new diary page, and store it after the last page of the diary. This is because just like the traditional diary, our diary uses the logic of date as mode of sequencing the pages so one cannot write and store a page before the already stored pages.

In the organizing diary aspect, a user can

* read already written pages
* retrieve diary pages by searching with their respective page numbers or titles
* retrieve page titles only so as to have a glimpse of the whole diary at once
* edit or remove previously written pages
* sort diary pages by their titles

In addition to fully-functioning as the traditional diary, our diary provides additional functionalities like removing and editing pages. So user has always a second chance to take back what is written before, unlike traditional diary. A user is not obliged to tear pages or in worst case burn the whole diary just to take back what is already said.