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Project2_Milestone2 Partially Functional Prototype:

<https://invis.io/T3PG3TLH5AD>

Journal documentation & Roadblocks:

I built the main page and calendar showing page. It's a notebook but contains the time counts of the event. In the app, the user could add, delete, adjust the note includes. Right now I don't know how to set the timer and combine the note page and calendar. Also, I met a problem to analyze the relationship in design. I want to make the app easier to understand and use. For the timer part, I will search online to see how to set time count and find some sources which may help. About the design part, I need more time to arrange after I finish all the screen views.

Flow and Interactivity:

First, the user will go to the main page which contains the basic note information, date it added, and the time count. There are three buttons which are "Create," "Calendar" and "Manage." After tapping the button "Create," the user could create a new note with the time select. If user tap button "Calendar," the user should be seen their calendar with the dot. If the user clicks the date, they will see the note information of that day. If the user clicks the "Manage" button, they should be able to change the necessary information of note they used to have or delete note they don't want. I hope to add the notification bar to let the app more fluency. I will add more later.

Logic and Algorithm:

```
public abstract class Calendar
extends Object implements Serializable, Cloneable, Comparable<Calendar>
java.lang.Object
    ↳      java.util.Calendar
Known direct subclasses
GregorianCalendar
Calendar rightNow = Calendar.getInstance();
YEAR + MONTH + DAY_OF_MONTH
YEAR + MONTH + WEEK_OF_MONTH + DAY_OF_WEEK
YEAR + MONTH + DAY_OF_WEEK_IN_MONTH + DAY_OF_WEEK
YEAR + DAY_OF_YEAR
YEAR + DAY_OF_WEEK + WEEK_OF_YEAR
```