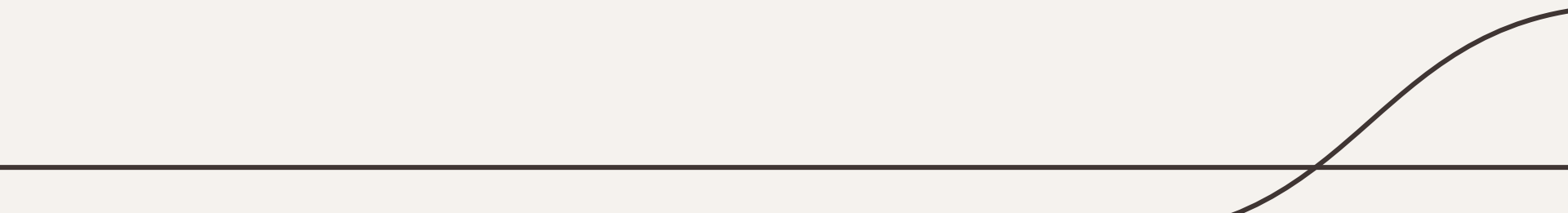# Daily Planner

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Functionality

Import Events

Option to import existing events from an input file

Edit Planner

Add, delete, and view your events

Output

Write the results of your planner to any output file

```
Do you have an input file? (y or n)
```

```
Menu:

V - View events
A - Add event
D - Delete event
Q - Quit

Option:
```

```
Output file name:
```

Functionality Details

Importing Events

- Optional Action

- Only adds valid events to your planner

- Does not include conflicting event

Editing Planner

- <u>View:</u> Displays your current events in an organized list

- <u>Add:</u> Allows you to create a new event

- <u>Delete:</u> Allows you to delete any stored event

Output

- Required Action

- Prompts user for their preferred output file name

- If the file exists, you will be offered to overwrite the existing file

Input File

Format: Month, Day, Year, Start time, End time, Description of Event

≡ *demoFile.txt* ✕

```
1    3,30,2023,0,23,Grandma's birthday
2    3,30,2023,8,10,Feed my dog
3    3,30,2023,9,11,Conflicting Event
4    1,76,2023,11,15,Invalid Event
5    6,18,2023,19,20,Dinner with Carlos
```

Output File

Format: Month, Day, Year, Start time, End time, Description of Event

demoOutput.txt ✕

```
1    3,30,2023,0,23,Grandma's birthday
2    3,30,2023,8,10,Feed my dog
3    6,18,2023,11,12,Brunch
4
```

Lessons Learned

- Test each object class before moving on to the next one

- Be open to improvements to the original plan

- Understanding how classes interact with each other

- Further understanding how an equals method is implemented

Functionality - In Terminal

Demo

```
skylerzdunn@LAPTOP-Q8H1QRH2 MINGW64 ~/Desktop/CSC116/csc116-002-CE-01/CE (main)
$ java -cp bin Interface
Welcome to your daily planner!
Do you have an input file? (y or n) y
Input file: test-files/invalidTestFile.txt
Unable to access input file: test-files/invalidTestFile.txt
Input file: test-files/demoFile.txt

Menu:

V - View events
A - Add event
D - Delete event
Q - Quit

Option: v

Your Current Events:

3       30      2023
All Day: Grandma's birthday
8 - 10: Feed my dog

6       18      2023
19 - 20: Dinner with Carlos

Menu:

V - View events
A - Add event
D - Delete event
Q - Quit
```

```
Option: A
Month: -3
Invalid month, please try again: 3
Day: 30
Year: 2023
Start time: 9
End time: 10
Description: Conflict

Conflict found.

Menu:

V - View events
A - Add event
D - Delete event
Q - Quit

Option: v

Your Current Events:

3       30      2023
All Day: Grandma's birthday
8 - 10: Feed my dog

6       18      2023
19 - 20: Dinner with Carlos
```

Demo

```
Menu:

V - View events
A - Add event
D - Delete event
Q - Quit

Option: a
Month: 6
Day: 18
Year: 2023
Start time: 11
End time: 12
Description: Brunch

Successful addition

Menu:

V - View events
A - Add event
D - Delete event
Q - Quit
```

```
Option: V

Your Current Events:

3      30     2023
All Day: Grandma's birthday
8 - 10: Feed my dog

6      18     2023
11 - 12: Brunch
19 - 20: Dinner with Carlos


Menu:

V - View events
A - Add event
D - Delete event
Q - Quit

Option: D
Month: 6
Day: 18
Year: 2023
Start time: 19
End time: 20
Description: Dinner with Carlos

Successful removal
```

```
Menu:

V - View events
A - Add event
D - Delete event
Q - Quit

Option: v

Your Current Events:

3      30     2023
All Day: Grandma's birthday
8 - 10: Feed my dog

6      18     2023
11 - 12: Brunch


Menu:

V - View events
A - Add event
D - Delete event
Q - Quit

Option: q
Output file name: test-files/demoOutput.txt
```