

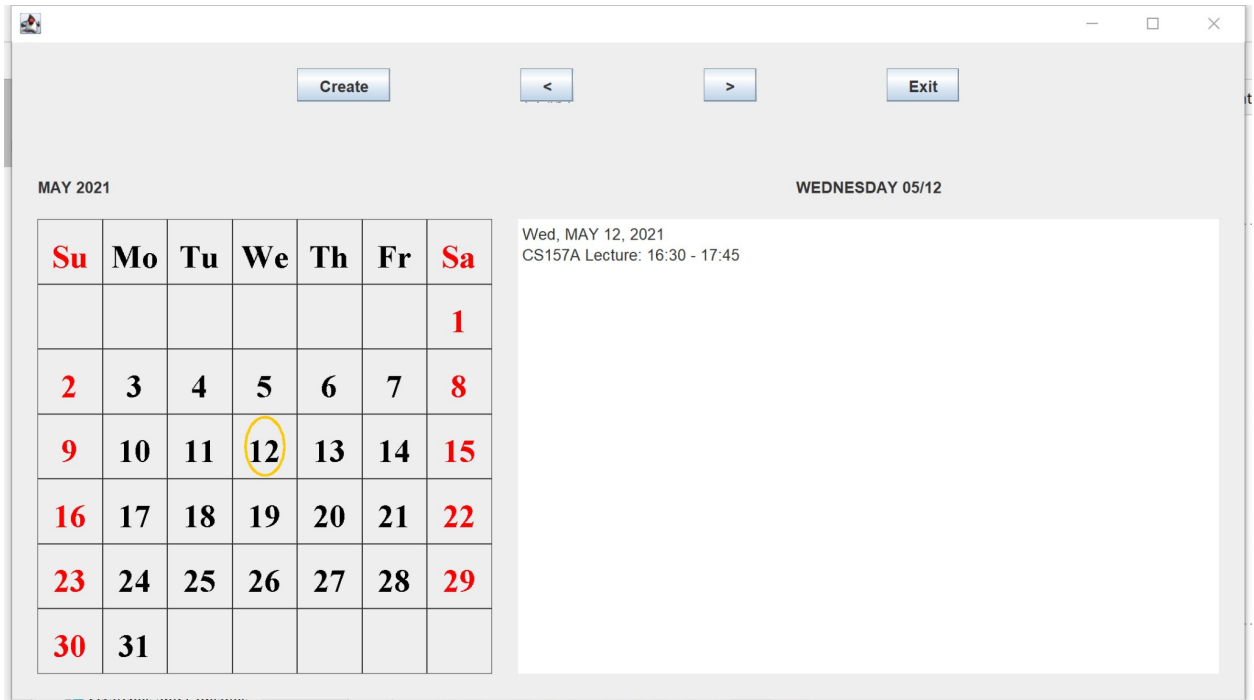
Project Report for HW5 (Simple GUI Calendar)

1, Brief description about the Model, View, and Controller.

- Model is the DataModel class.
- Controllers:
 - Date grids;
 - NextDate button;
 - PreviousDate button;
 - Create button
- Views:
 - Date grids;
 - Month-Year label (on the left top of the calendar grids);
 - Weekday-Month/Date label (on the top of the text pane);
 - Even-list TextPane.

2, Screenshots of the calendar.

- Screen 1: After starting the application (initial screen)



- Screen 2: After clicking on the previous button on Screen 1

May 2021

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

TUESDAY 05/11

Tue, MAY 11, 2021
 CS151 Lecture: 09:00 - 10:15
 CS154 Lecture: 13:30 - 14:45
 PHIL134 Lecture: 18:30 - 19:45

- Screen 3: After clicking on the next button 20 times from Screen 2

May 2021

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

MONDAY 05/31

Mon, MAY 31, 2021
 No event in this day.

- Screen 4: After clicking on a particular day on Screen 3 and creating an event on that day.

Play pingpong

05/31/2021 14:00 To 15:30

SAVE

MAY 2021

MONDAY 05/31

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Mon, MAY 31, 2021

No event in this day.

Create

<

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Exit

MAY 2021

MONDAY 05/31

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Mon, MAY 31, 2021

Play pingpong: 14:00 - 15:30

- Screen 5: After clicking on the same day you choose in the previous step and creating an event with a time conflict

The screenshot shows a calendar application window. At the top, there is a search bar containing the text "Reading". Below it, a date and time selection interface shows "05/31/2021" and "15:00" in the "From" field, and "18:00" in the "To" field. A "SAVE" button is visible. The main calendar view displays a grid for May 2021. The date "31" is highlighted with a yellow circle. To the right of the calendar grid, a detailed view for "Monday 05/31" shows two events: "Mon, MAY 31, 2021" and "Play pingpong: 14:00 - 15:30".

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

This screenshot is identical to the one above, but with an additional "Message" dialog box in the bottom right corner. The dialog box has a title bar "Message" and a close button. It contains an information icon (i) and the text "Fail to create schedule! Conflict with other event." Below the text is an "OK" button.

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

- Screen 6: After entering an event on the same day you choose in the previous step and creating an event without a time conflict.

To walk in the park

05/31/2021

17:00

To

18:00

SAVE

MAY 2021

MONDAY 05/31

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Mon, MAY 31, 2021

Play pingpong: 14:00 - 15:30

Create

<

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Exit

MAY 2021

MONDAY 05/31

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Mon, MAY 31, 2021

Play pingpong: 14:00 - 15:30

To walk in the park: 17:00 - 18:00