

Date Picker

Nga Nguyen

Screen 1

A user is free to provide start date first, or end date first. This brings good user freedom and sense of control.

From

To

Screen 2

By clicking the “Select start date” first, the user can find date from a calendar.

The calendar has option to go back and forth by month by clicking arrow buttons. And the users can go back by year by clicking the calendar header “April 2024”. A year selection will show up (not included in this design).

Selecting via calendar is the only option. I want to prevent the user from typing the date by keyboard to prevent reversed date selection.

From

To

<

April 2024

>

MON	TUE	WED	THU	FRI	SAT	SUN
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	1	2	3	4

Screen 3

The user can select the date
11/04/2024 from the calendar.

A blue circle will mark the start date.

From

To

<

April 2024

>

MON	TUE	WED	THU	FRI	SAT	SUN
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	1	2	3	4

Screen 4

Next the user can provide the end date by selecting the calendar.

When the start date is already provided, the calendar input will keep the blue mark from the start date, and disabled selection from the date before (11/04/2024). This prevents reversed date problem.

From

11/04/2024

To

Select end date

A calendar interface for April 2024. The calendar is displayed in a grid with days of the week (MON to SUN) as headers. The date 11 is highlighted with a blue circle, indicating it is the selected end date. The date 11 is also the start date, as indicated by the 'From' field above. The calendar is titled 'April 2024' and has navigation arrows on the top left and right.

MON	TUE	WED	THU	FRI	SAT	SUN
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	1	2	3	4

Screen 5

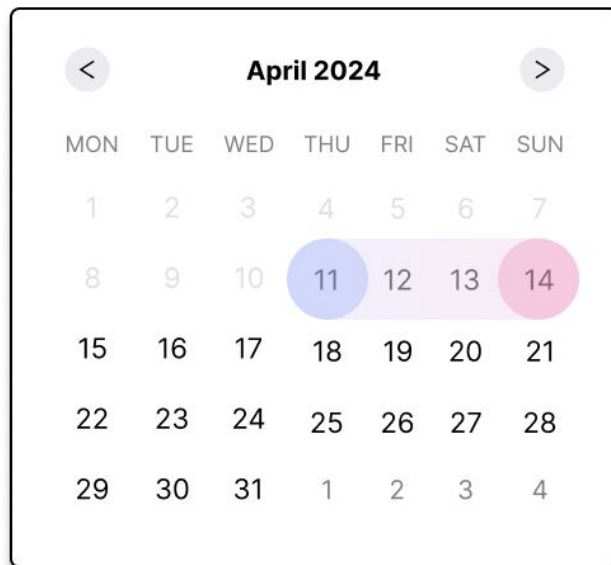
The user can select 14/04/2024 as an end date. The end date will be marked with pink circle.

From

11/04/2024

To

14/04/2024



Screen 6

The user is free to go back and change the start date.

For the start date, the user can choose freely whichever date possible.

If the user selects date that is not later than the end date, the end date is still kept.

From

10/04/2024

To

<

April 2024

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MON	TUE	WED	THU	FRI	SAT	SUN
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	1	2	3	4

Screen 7

If the user selects a start date that is later than the provided end date, the provided end date will be cleared. This prevents reversed date problem.

From

To

<

April 2024

>

MON	TUE	WED	THU	FRI	SAT	SUN
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	1	2	3	4

Screen 8

Now when the user selects end date, the calendar will only allow the user to select date after the start date (16/04/2024).

From

16/04/2024

To

Select end date

A calendar interface for April 2024. The calendar is displayed in a grid format with days of the week (MON to SUN) as headers. The date 16 is highlighted with a blue circle, indicating it is the selected end date. The calendar is titled 'April 2024' and includes navigation arrows for previous and next months.

April 2024						
MON	TUE	WED	THU	FRI	SAT	SUN
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	1	2	3	4

Screen 9

The user can also select end date before selecting start date.

From

Select start date

To

Select end date

<

April 2024

>

MON	TUE	WED	THU	FRI	SAT	SUN
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	1	2	3	4

Screen 10

The user can then provide the start date. As stated before, the user can freely choose the start date. If the start date is before the end date, the end date will be kept. And if the start date is later than the end date, the end date will be cleared.

This will prevent reversed date problem.

From

To

<

April 2024

>

MON	TUE	WED	THU	FRI	SAT	SUN
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	1	2	3	4