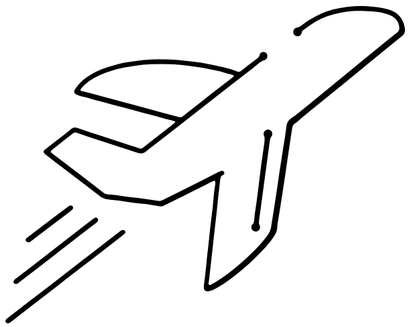
Midnight Masterminds



LOW-FIDELITY PROTOTYPES

FLIGHT TICKETS HELPER

https://docs.google.com/document/d/1njwEPaXVy2aYxdYZjlHRm8ZcM-e0HongCrN4D0UmLz0/edit

USER NEEDS

- To check tickets for flights that are within their specified price range and their availability.
- To get notofications for such flights when their price falls in the the specified range
- To save the flights they're interested in / Previously travelled with into collections
- To apply the users filters to these collections

WHY EXISTING SOLUTIONS DON'T WORK

- Users have to re-enter search criteria each time
- Users can't temporarily save the flights they're interested in collections
- Email notifications sent to users may be ignored (plan to change to the voice notification like alarm clock, but user are allowed to turn on/off)
- User cannot apply the filter to a collection of tickets

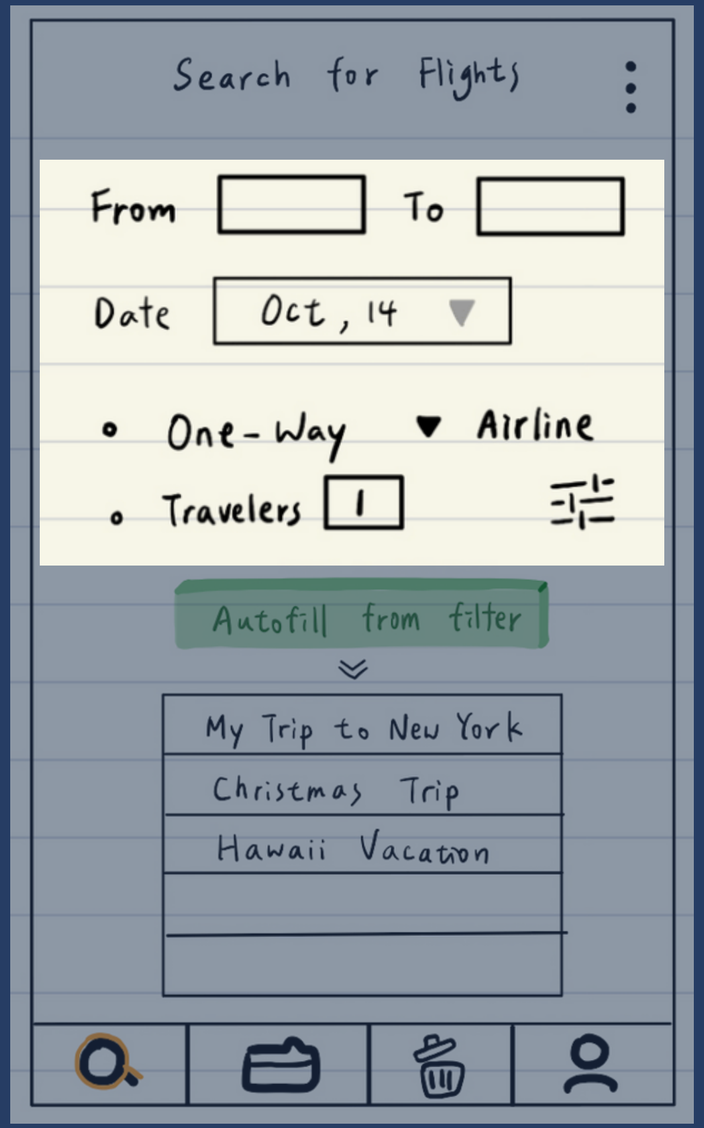
3/

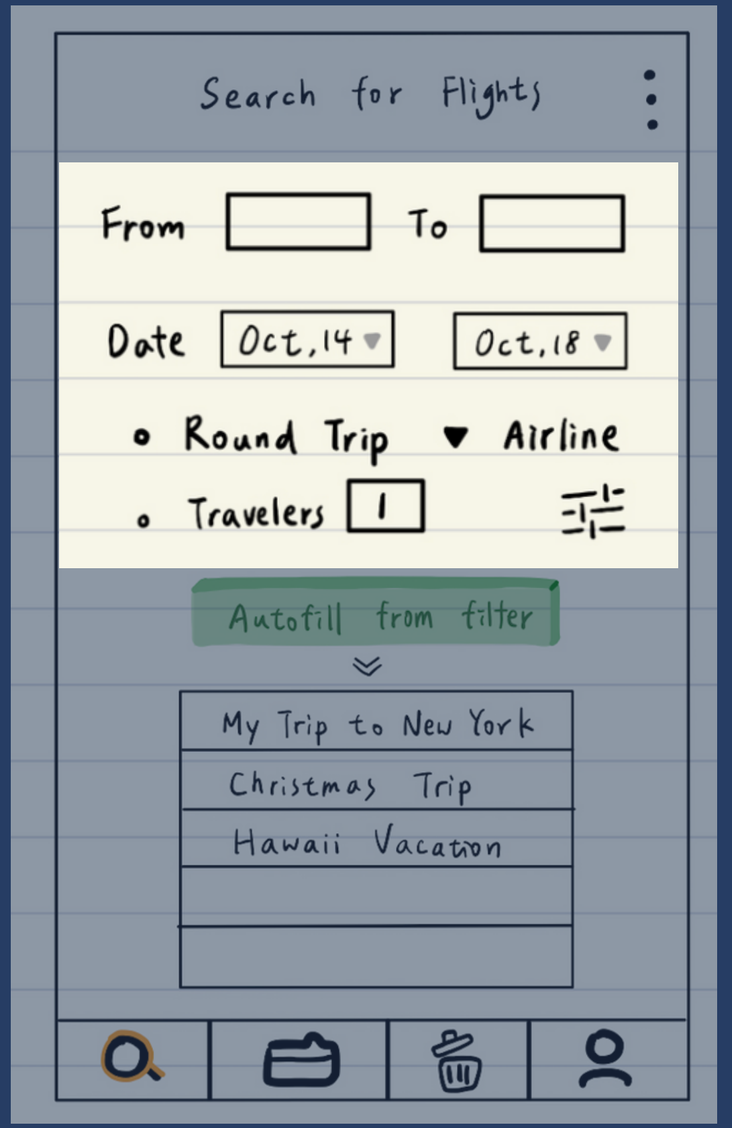
TASKS

Task 1: Michael is an international student, he wants to

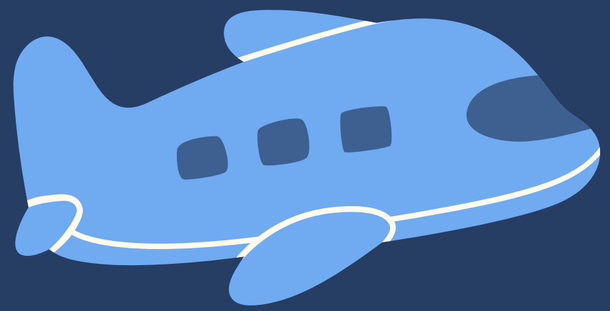
- **book a flight ticket from his hometown -- Beijing, to the location of his university -- Champaign**.
- Take the flight on **August 20th** which is his university's school day and
- due to the limited budget and lots of luggage he needs to take back to school, he wants to buy the ticket which could **take 3 bags within 300 dollars**.

Different layout for One-way trip and Round trip

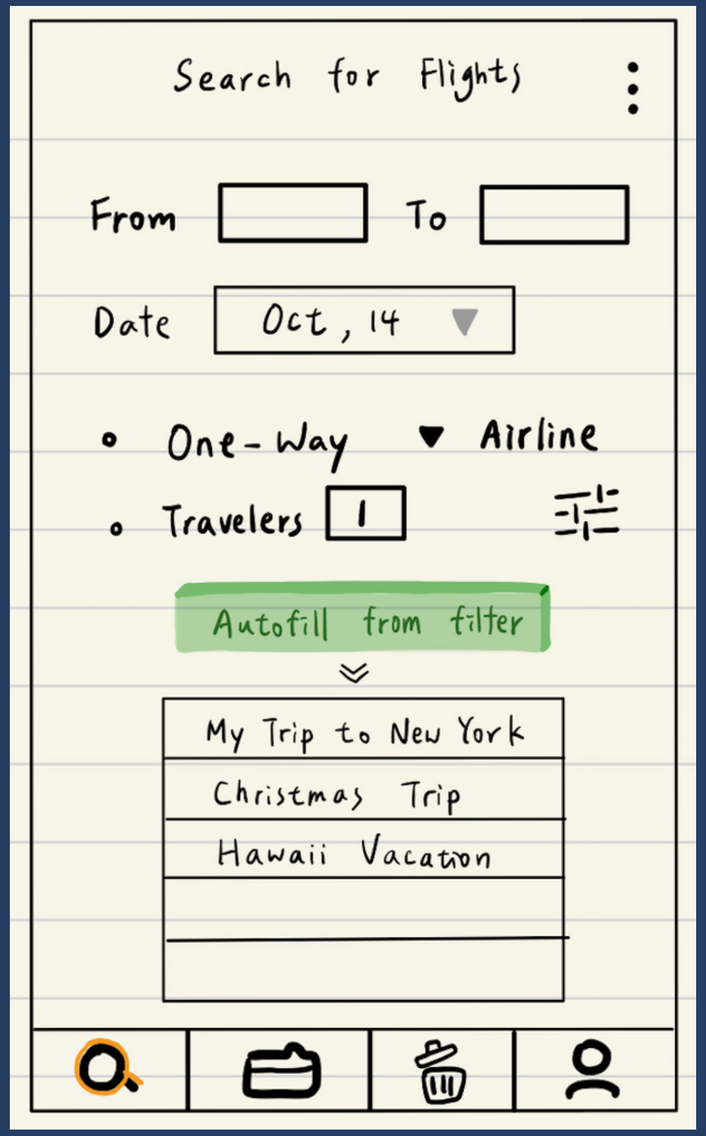


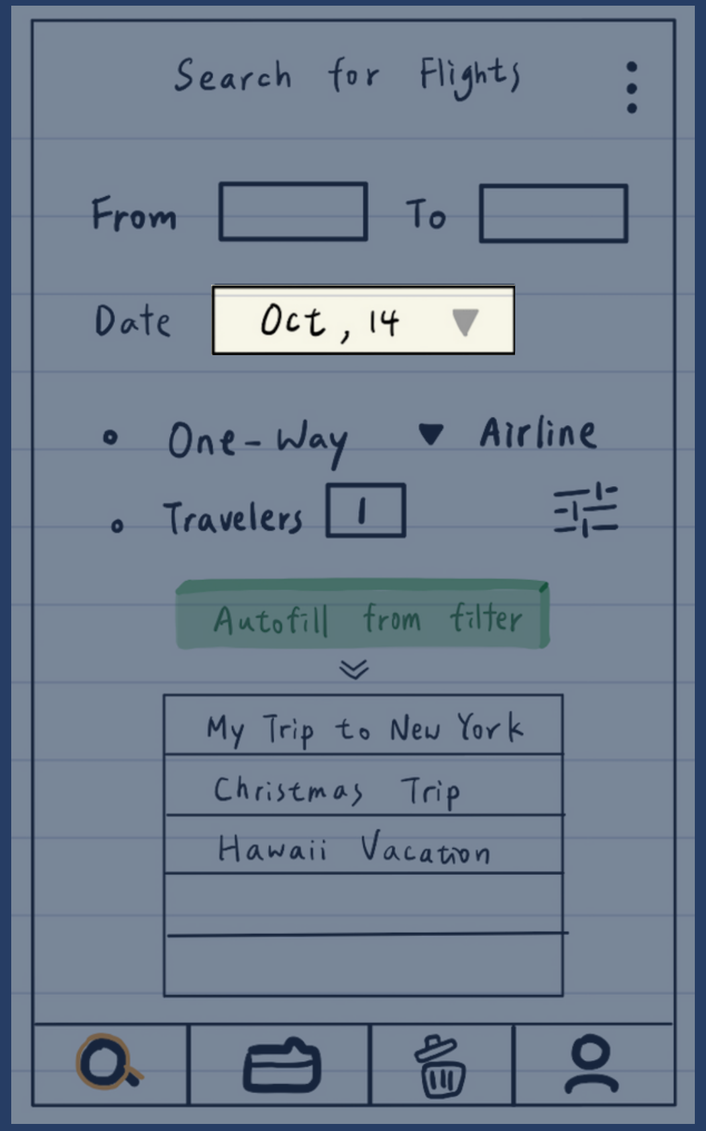


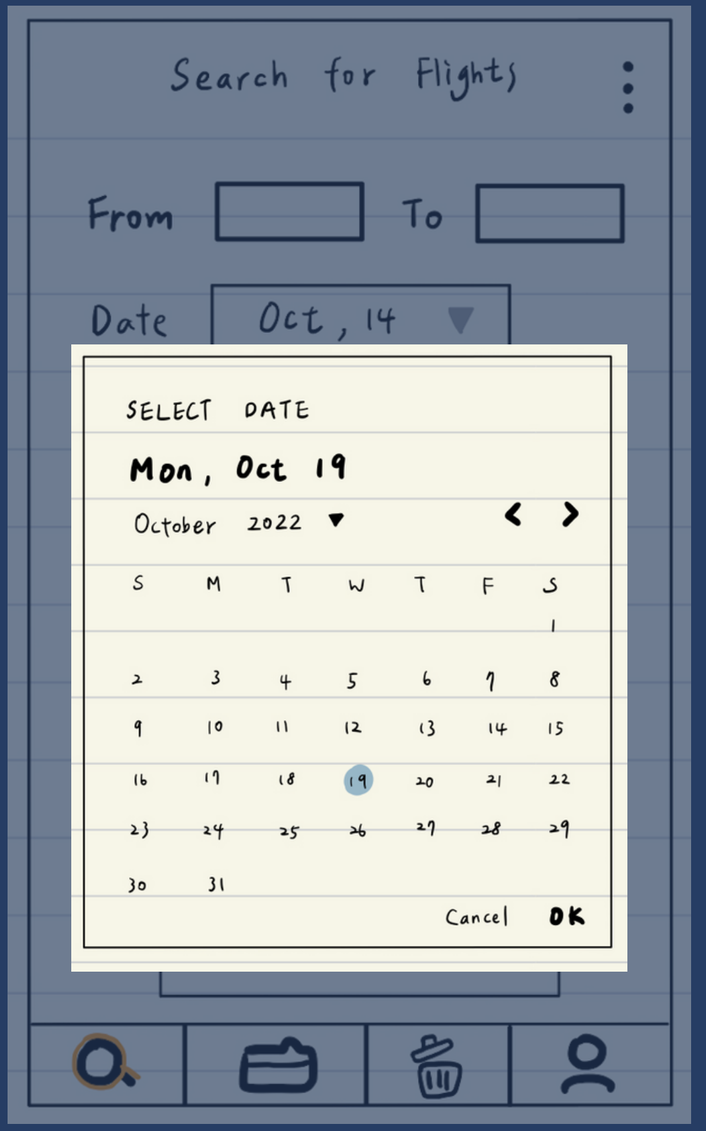
Layout for multi city search



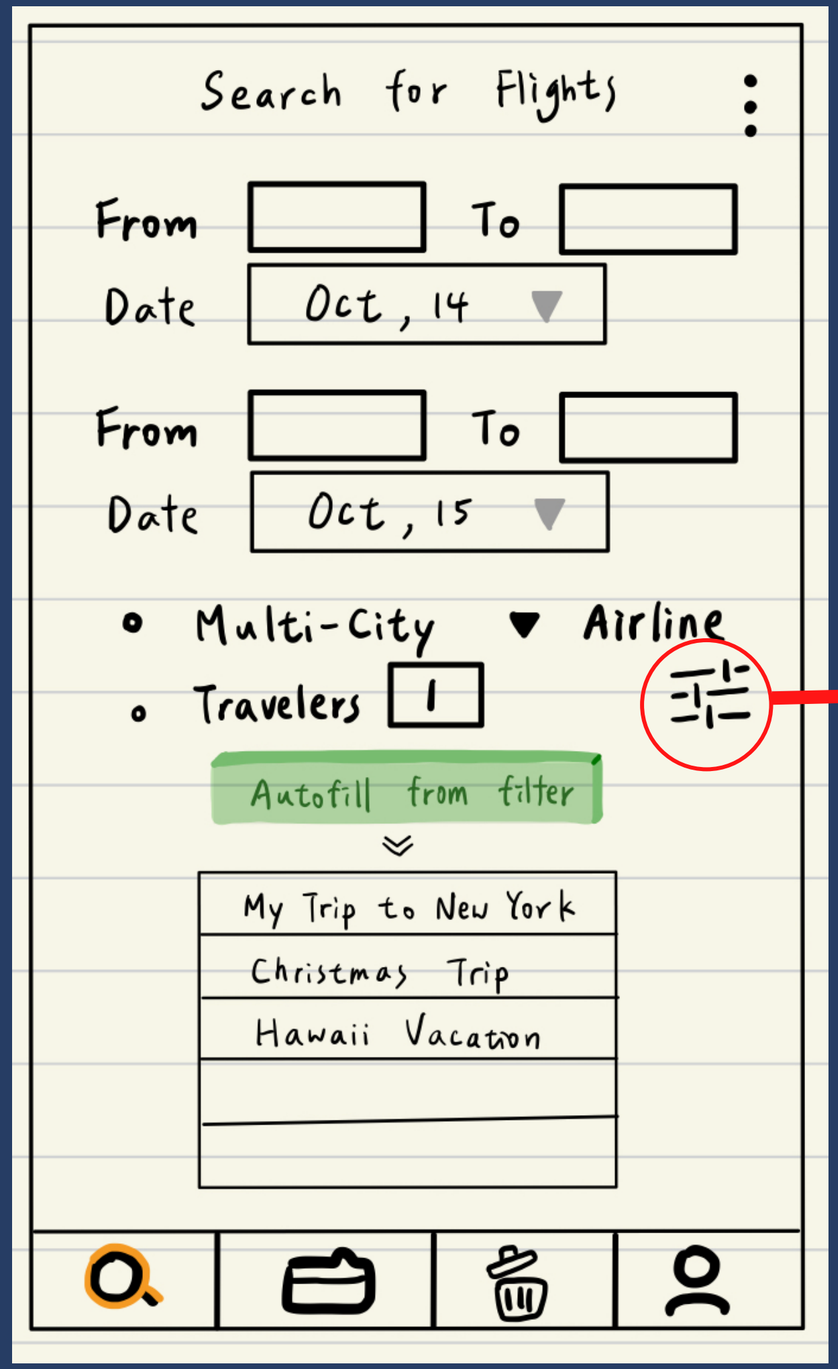
Date picker

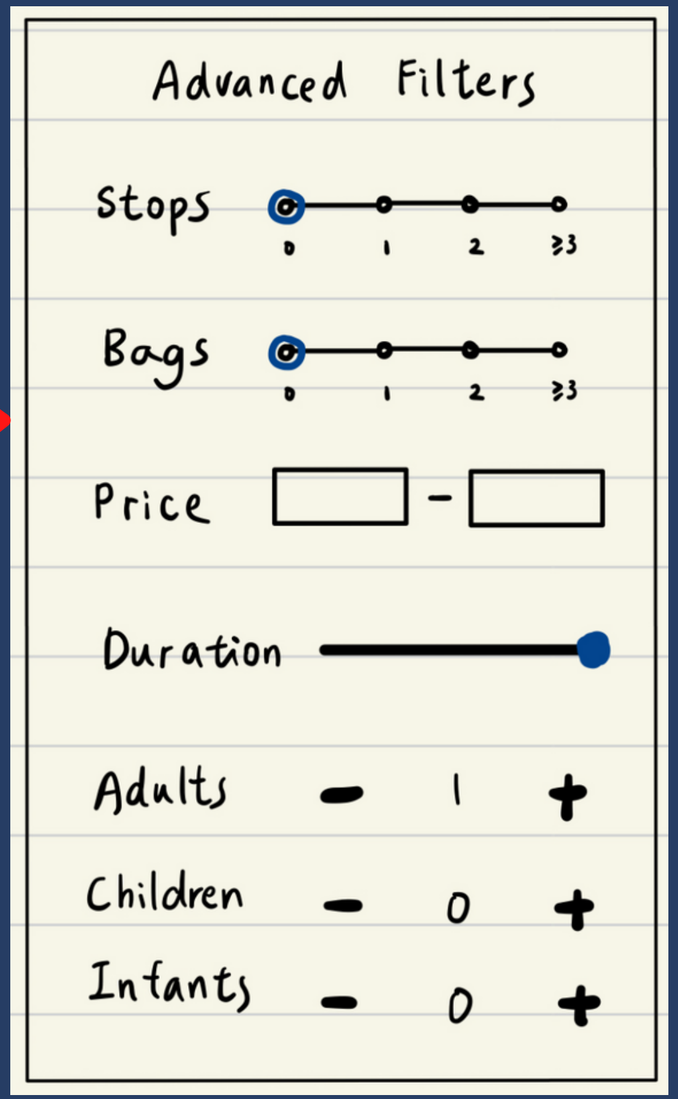

Search for Flights
From
To
Date
Oct , 14
One-Way
Airline
Travelers
1
Autofill from filter
My Trip to New York
Christmas Trip
Hawaii Vacation


Search for Flights
From
To
Date
Oct , 14
One-Way
Airline
Travelers
1
Autofill from filter
My Trip to New York
Christmas Trip
Hawaii Vacation

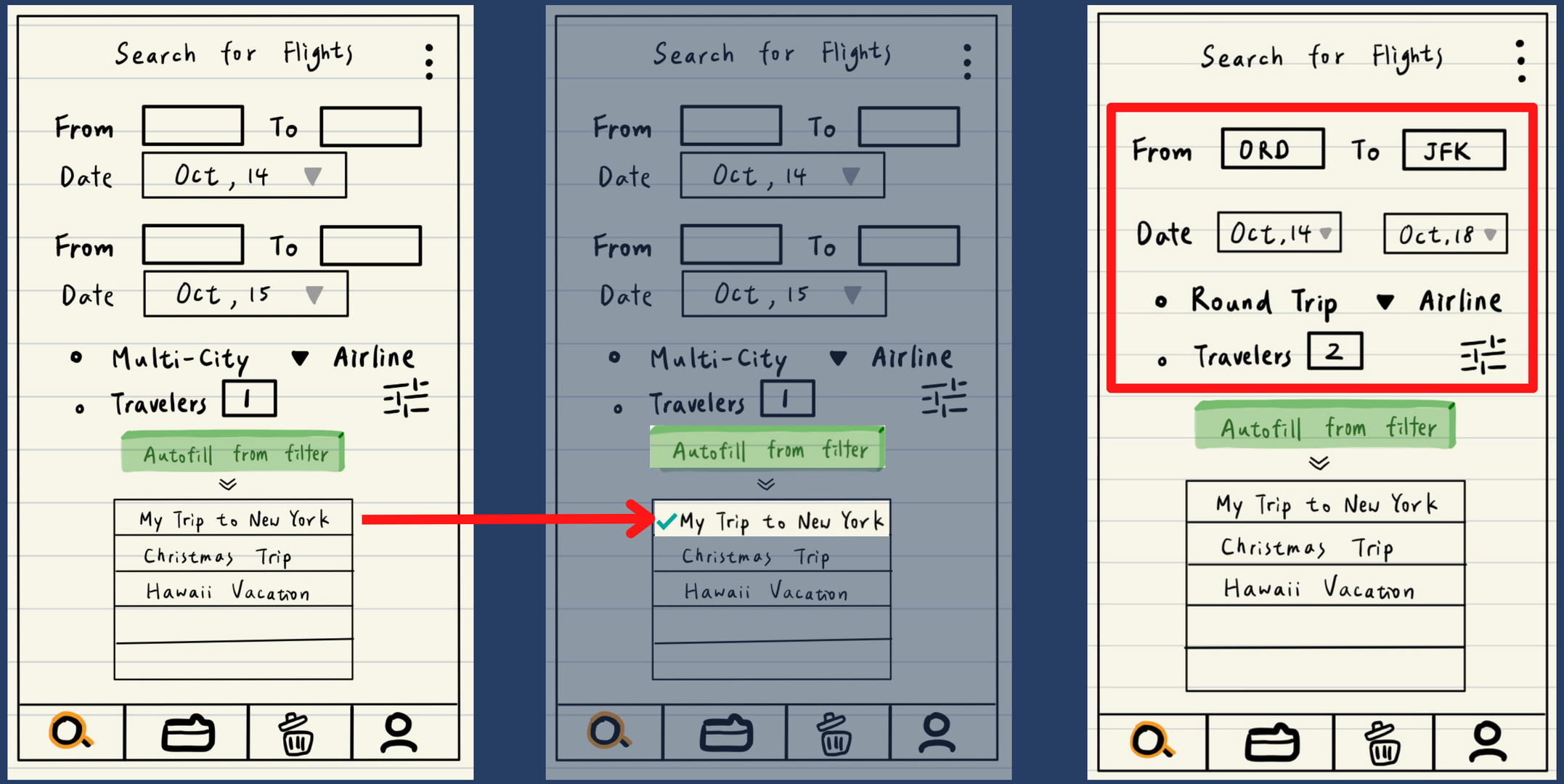

Search for Flights
From
To
Date
Oct , 14
SELECT DATE
Mon , Oct 19
October 2022
S M T W T F S
1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31
Cancel
OK

Advanced search options





Autofill with the pre-saved filters



How to configure these pre-saved filters?

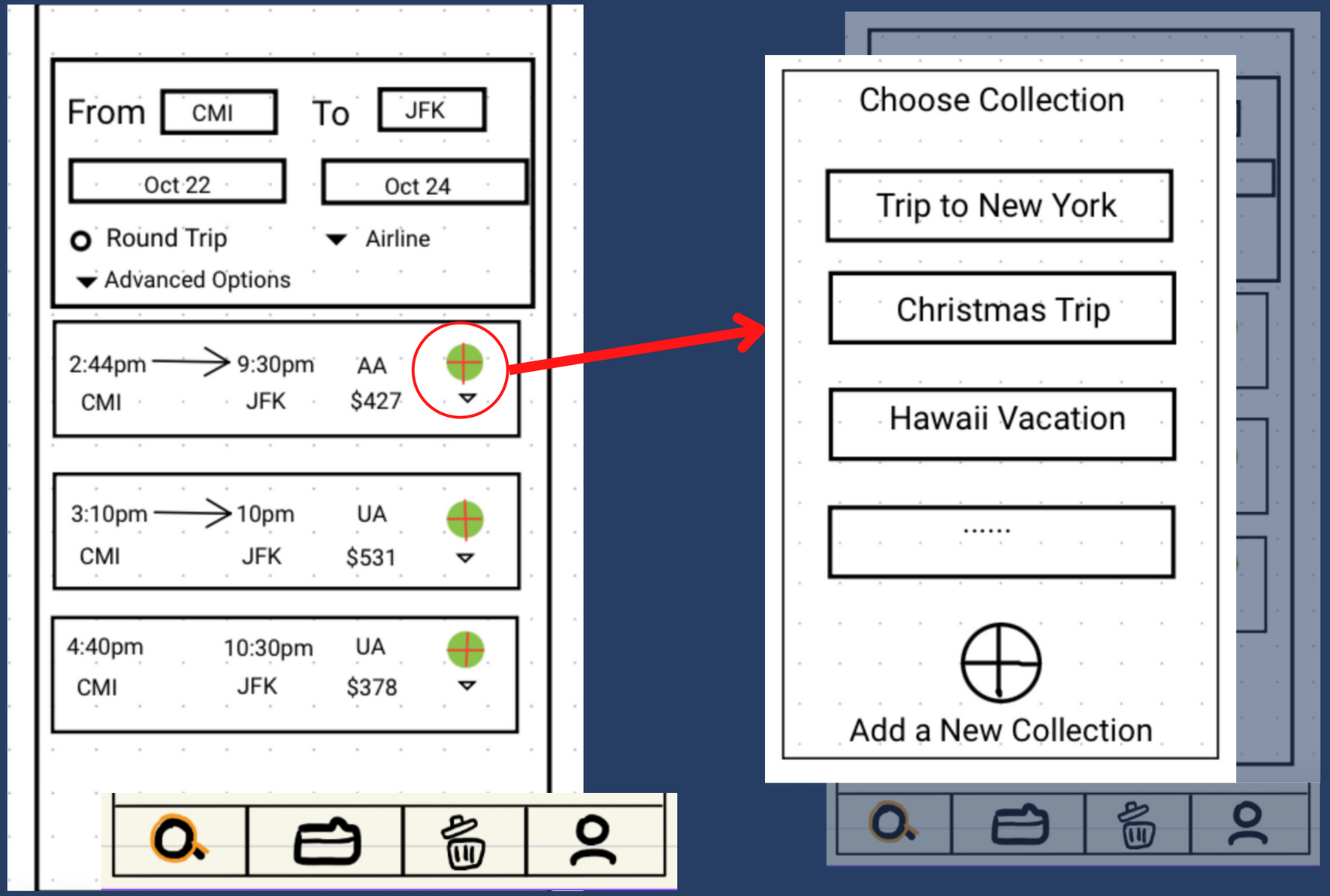
We'll go through it later

3/

TASKS

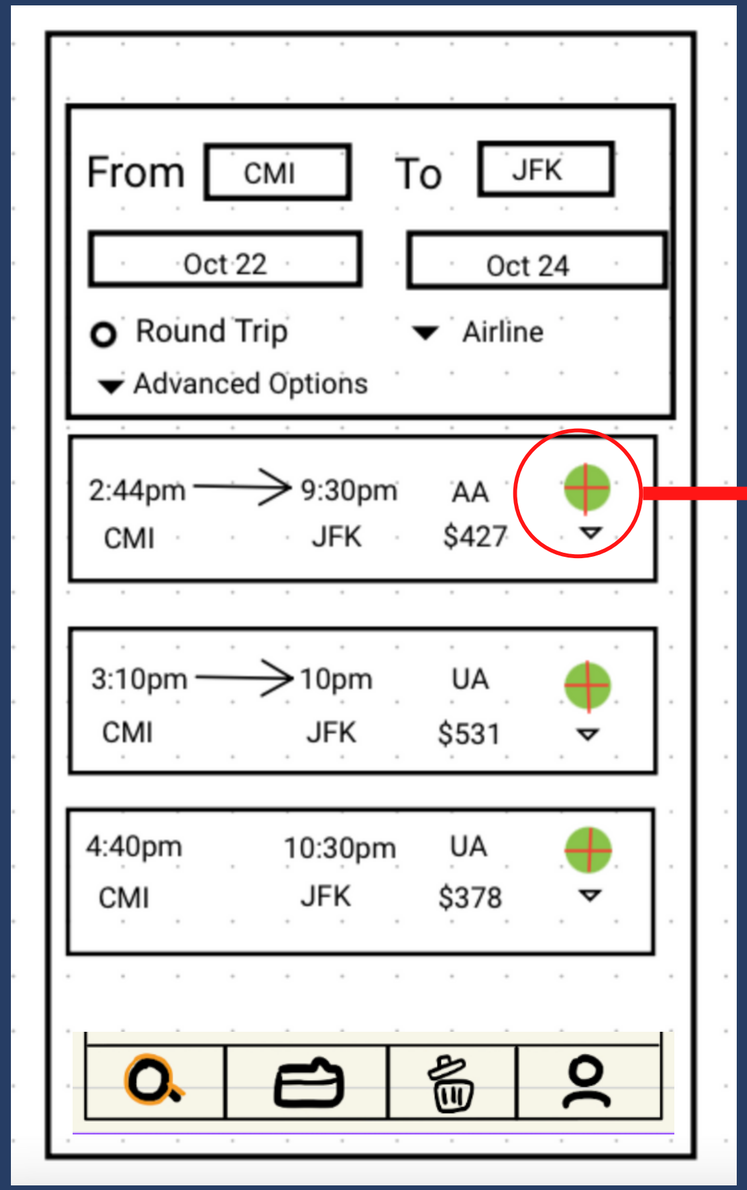
Task 2: Lily is a travel lover, she wants to **travel to New York** during this winter vacation. Therefore, she wants to plan the flights of this trip in advanced. In order to get the best experience of the trip, Lily wants to compare different tickets and then choose the best plan.

Add single flight to targeted collection

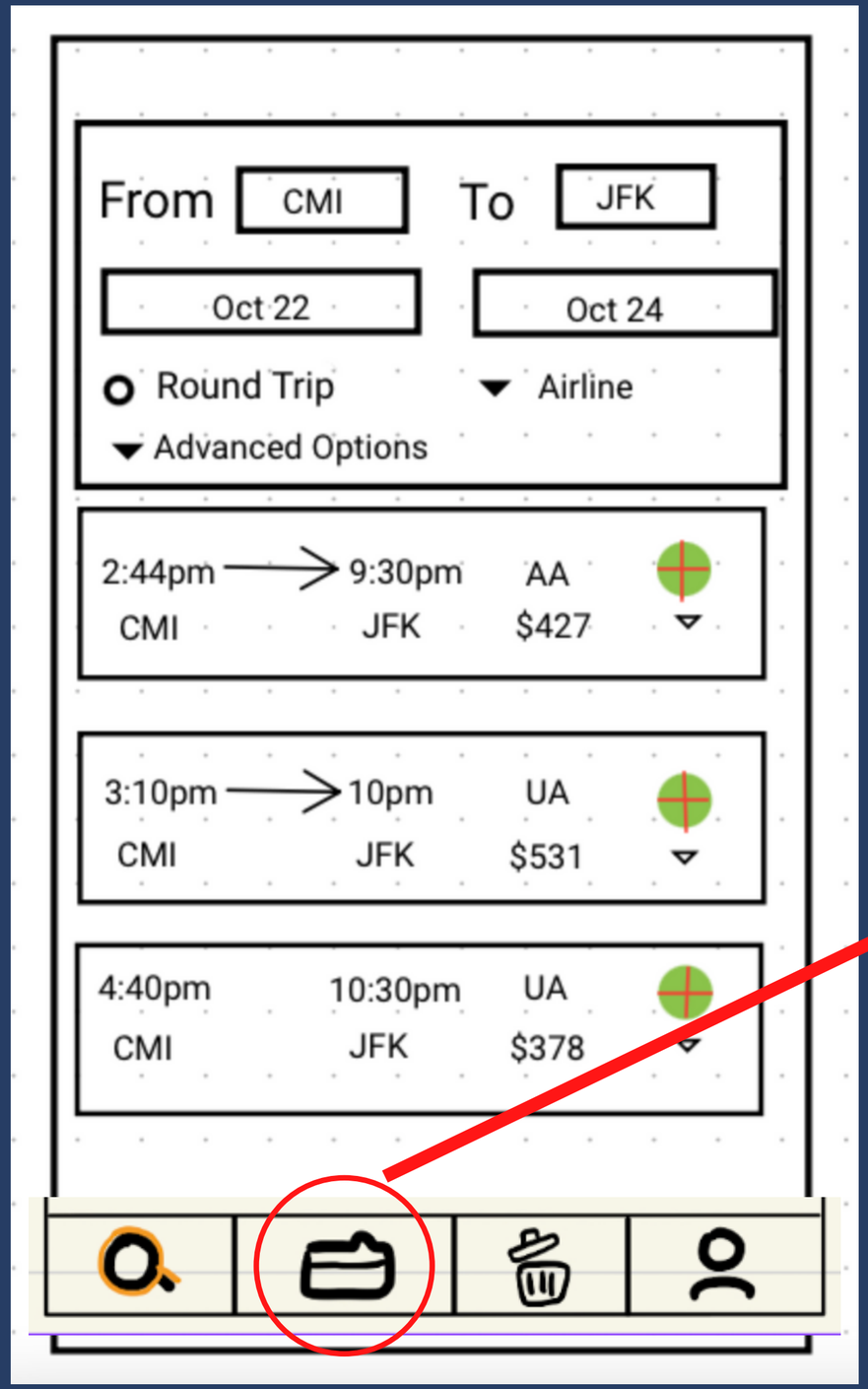


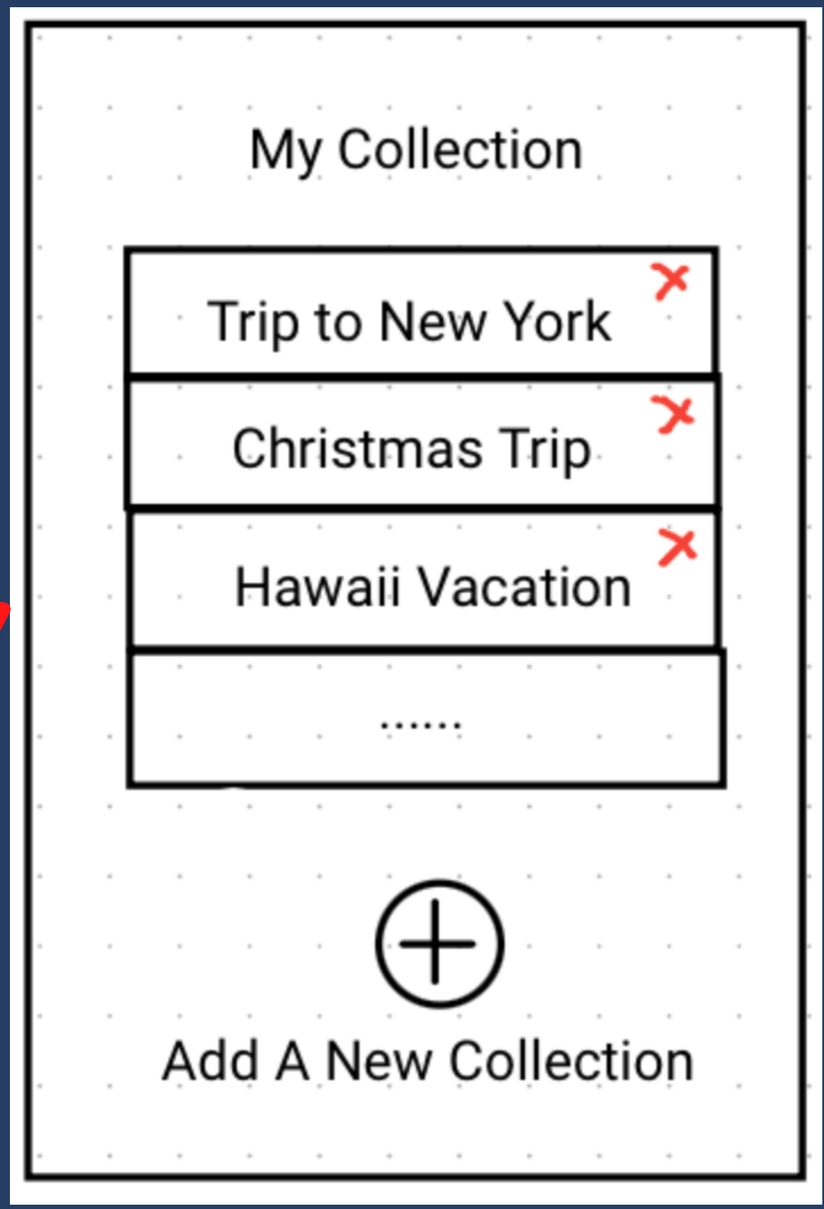
Note: We'll try to give "collection" a better name later to avoid confusion, something like "Alternative Flights Keeper"

Add single flight to targeted collection

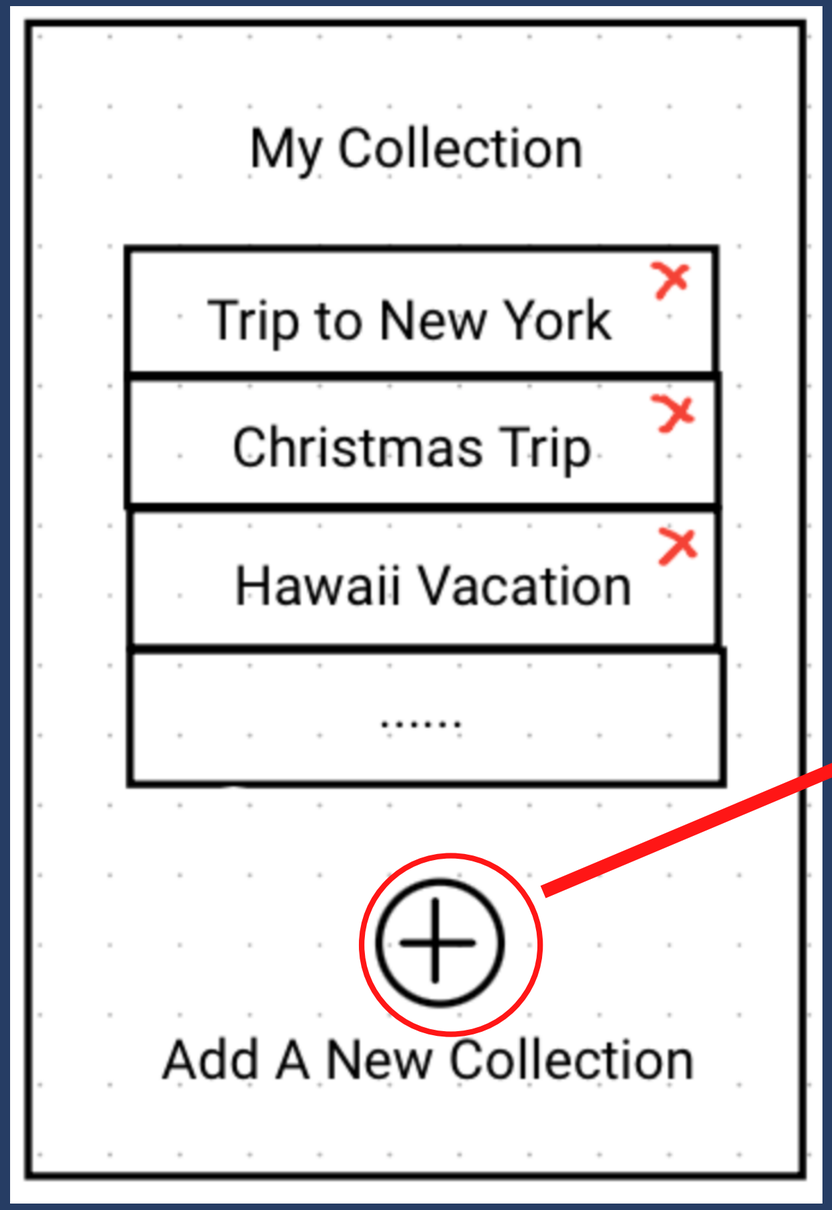


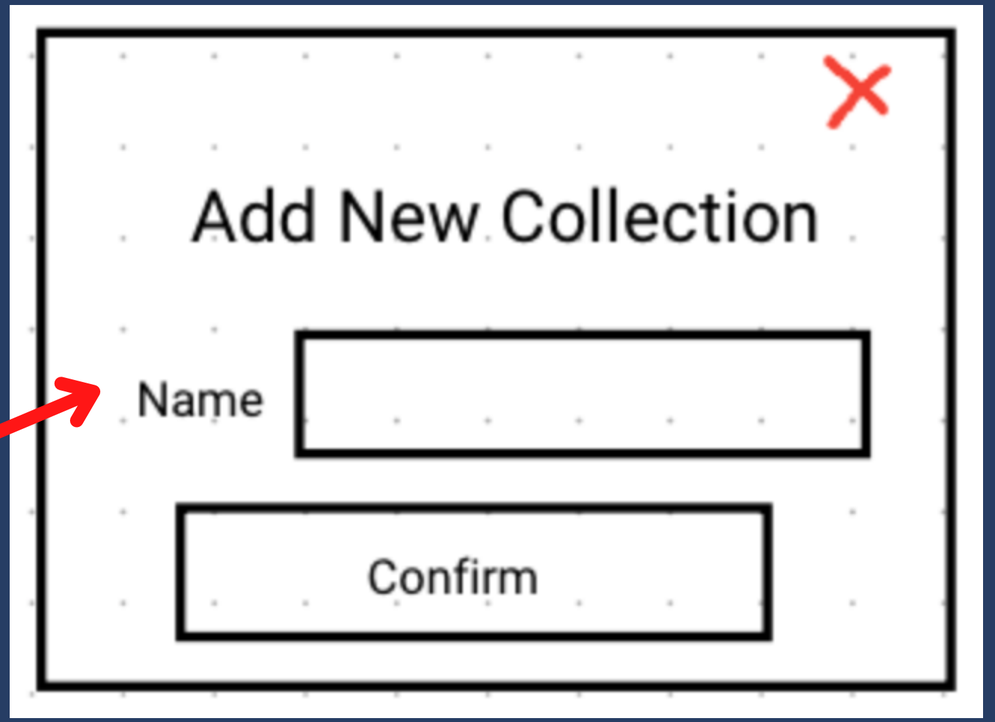
Navigate to My Collections

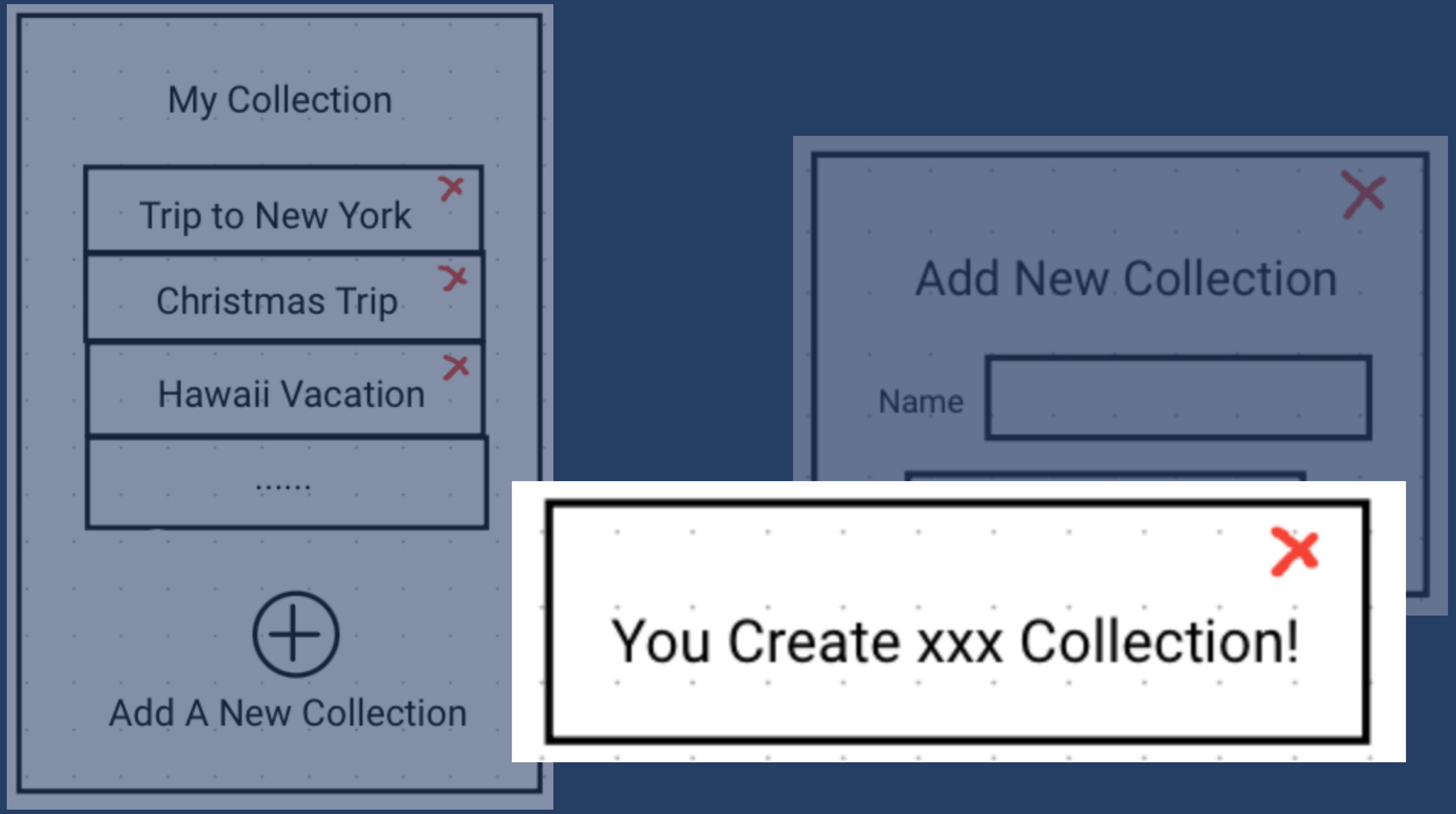




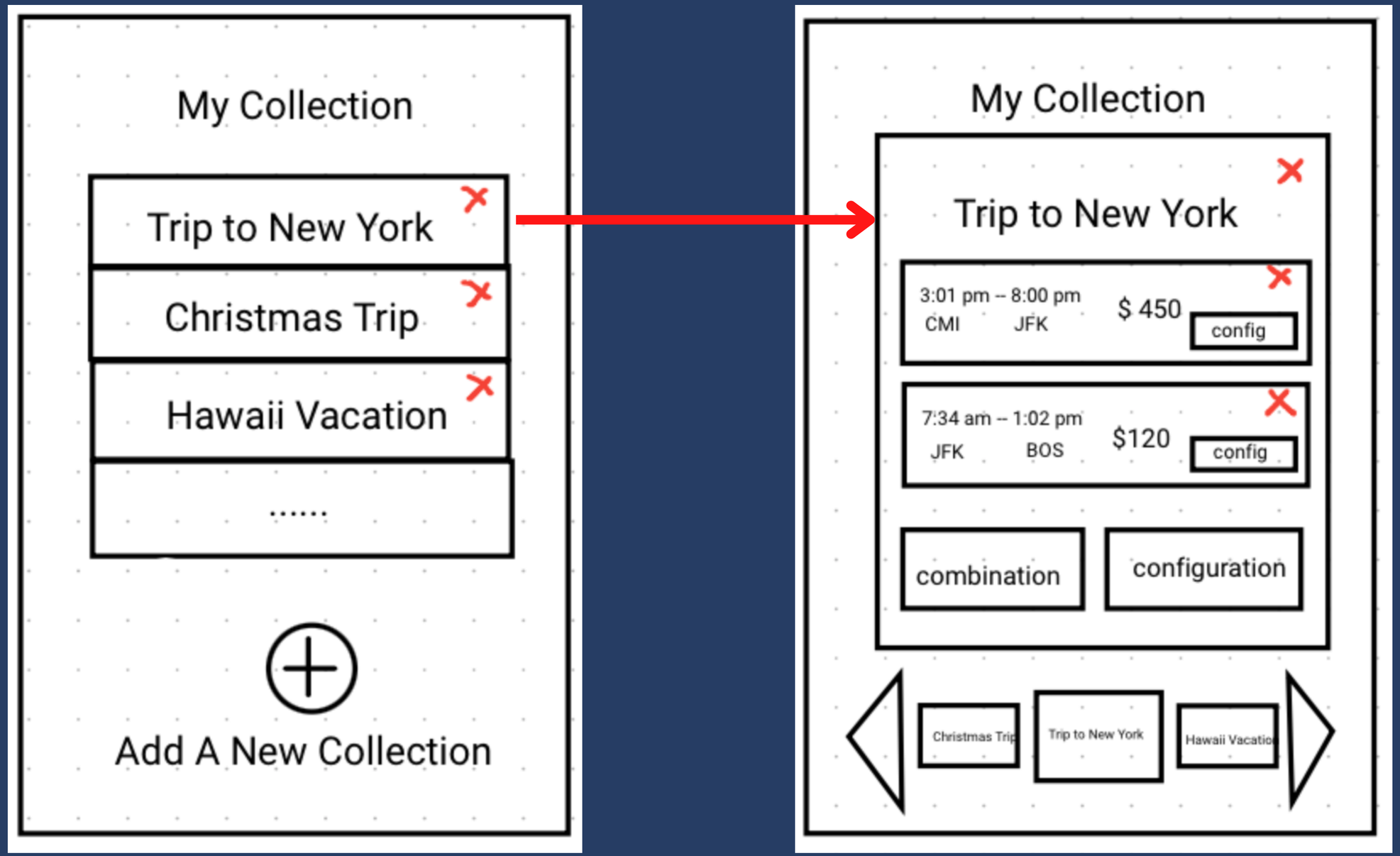
Add a New Collection

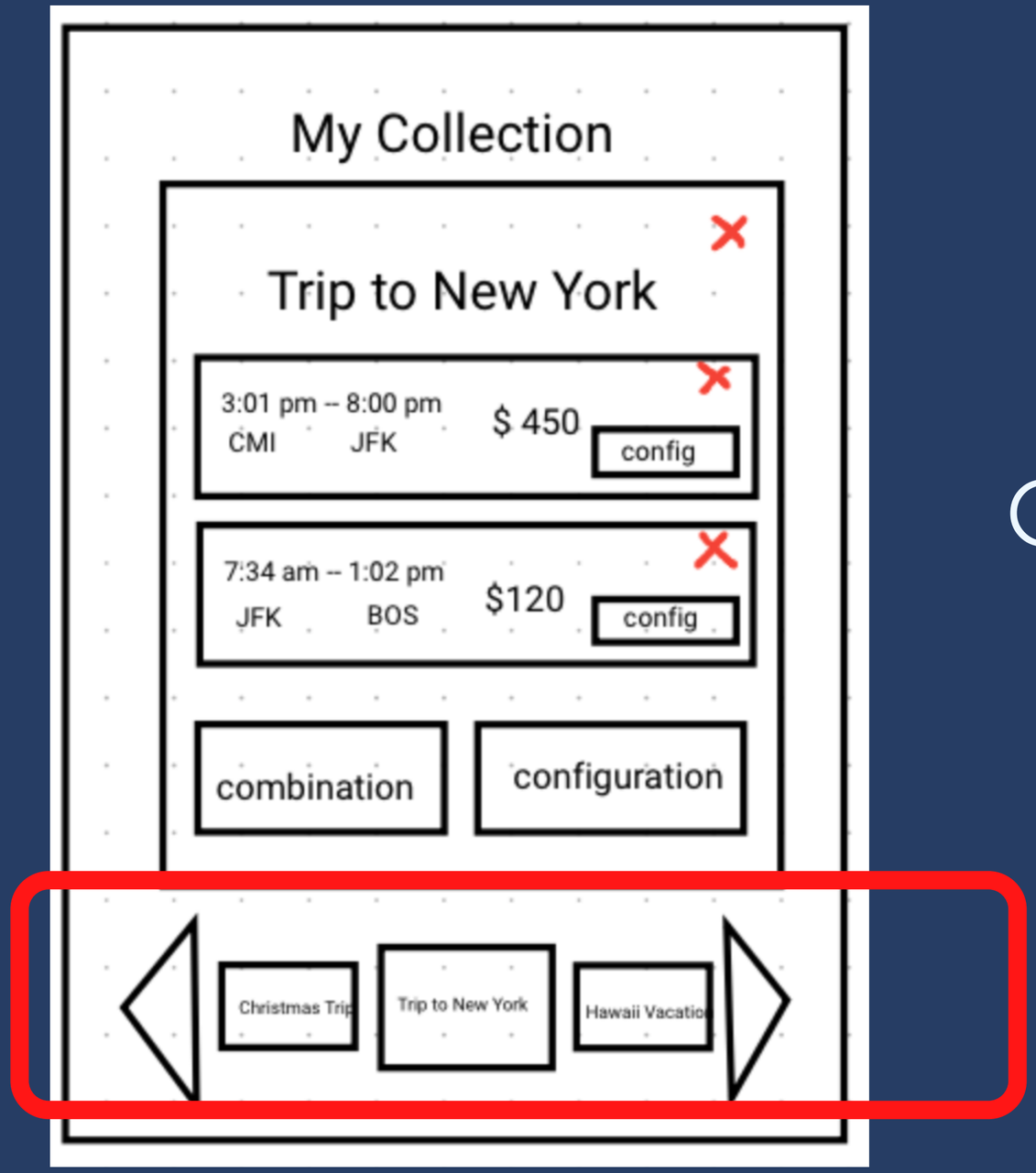





My Collection
Trip to New York
Christmas Trip
Hawaii Vacation
.....
Add A New Collection
Add New Collection
Name
You Create xxx Collection!

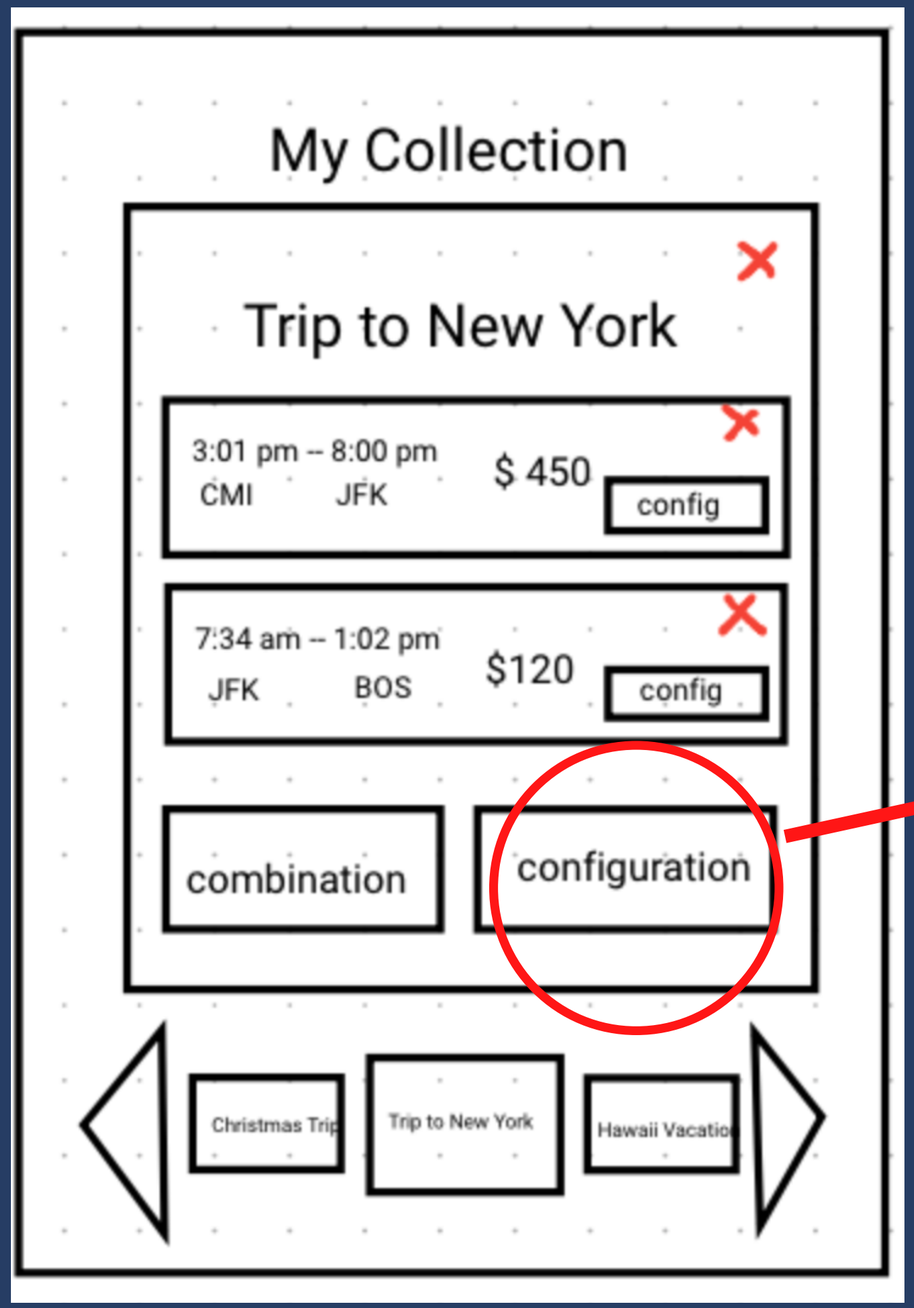
View an Existing Collection

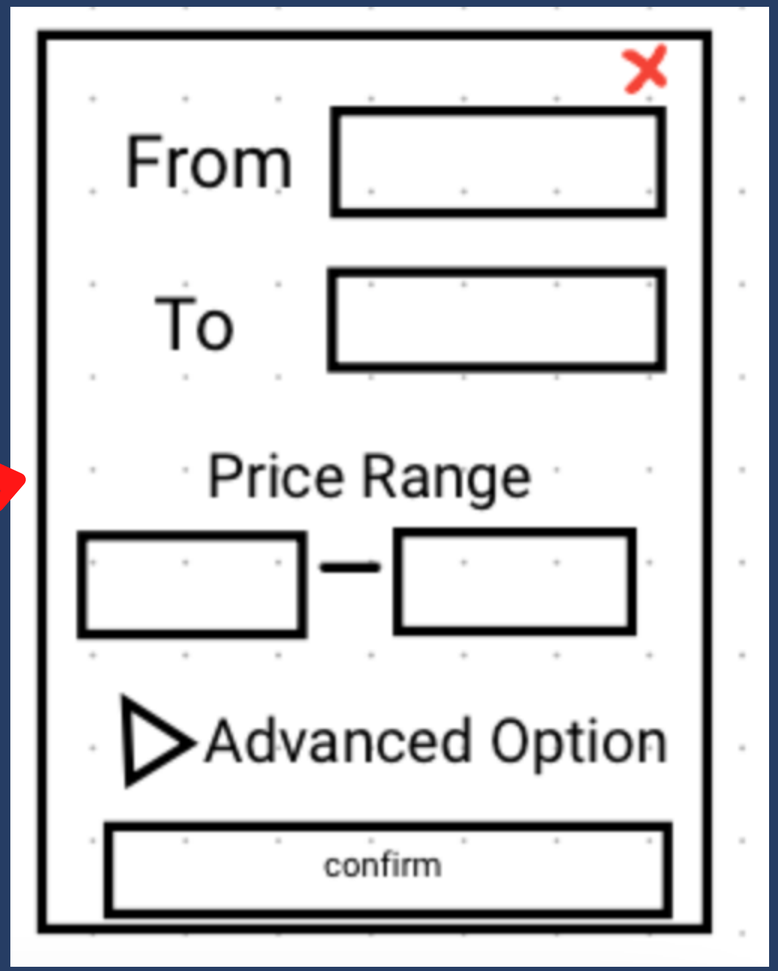




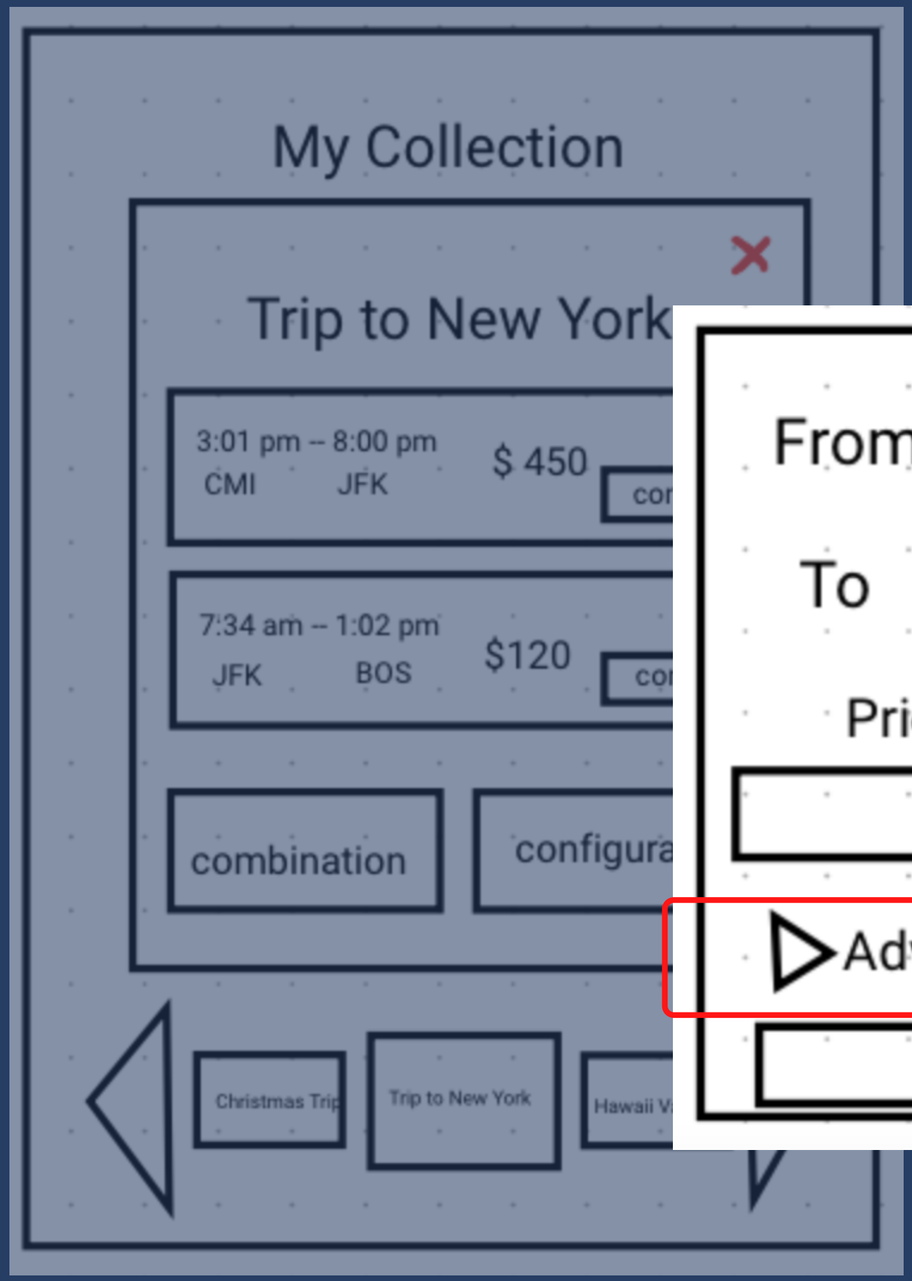
Click to switch between existing collections

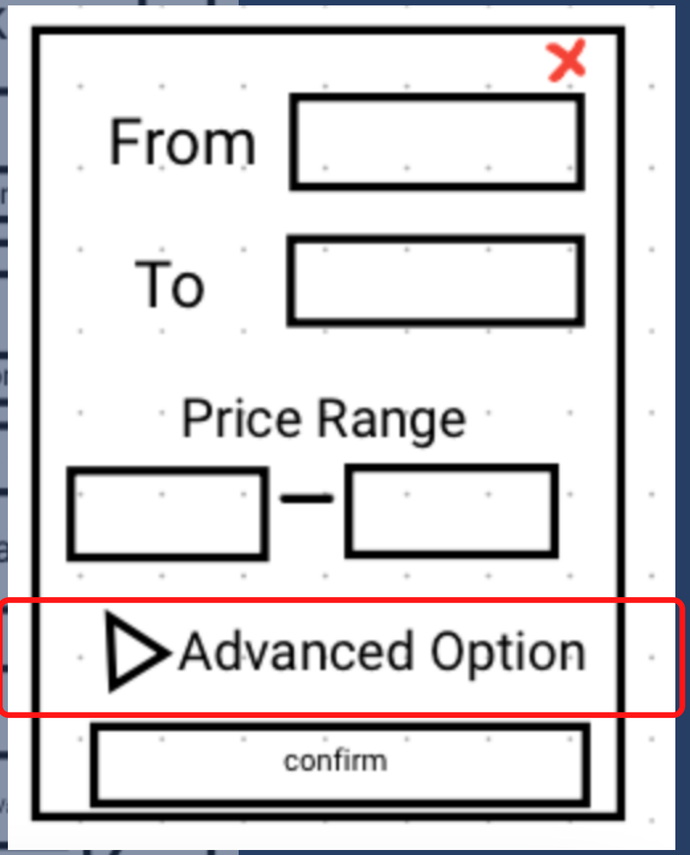
Configure the pre-saved filter

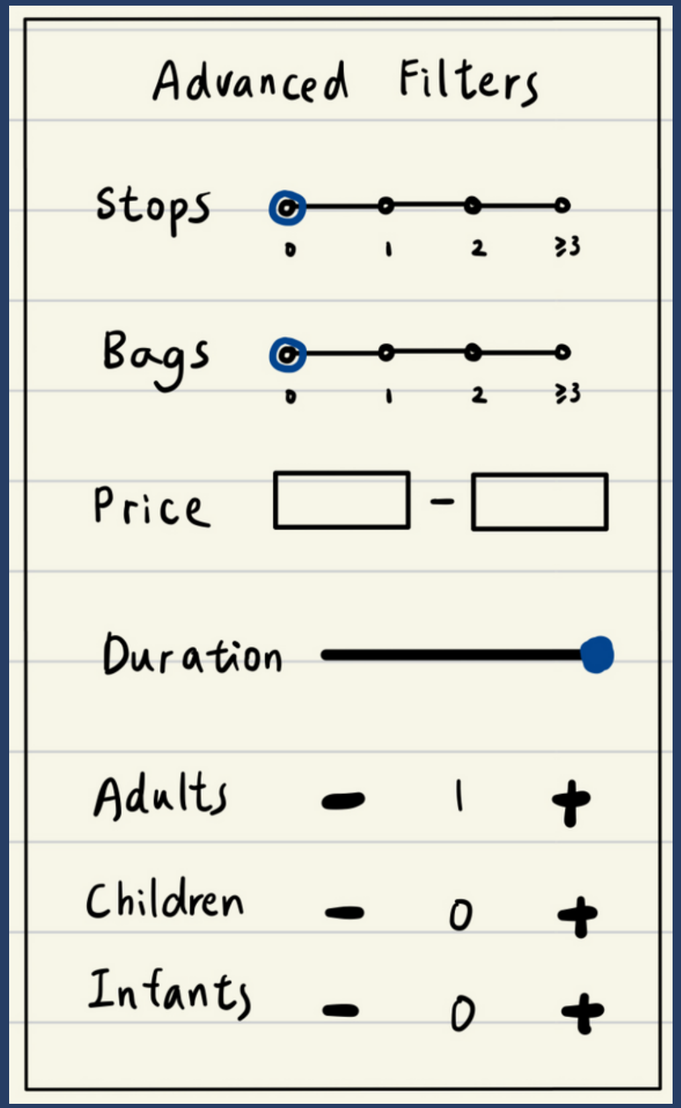




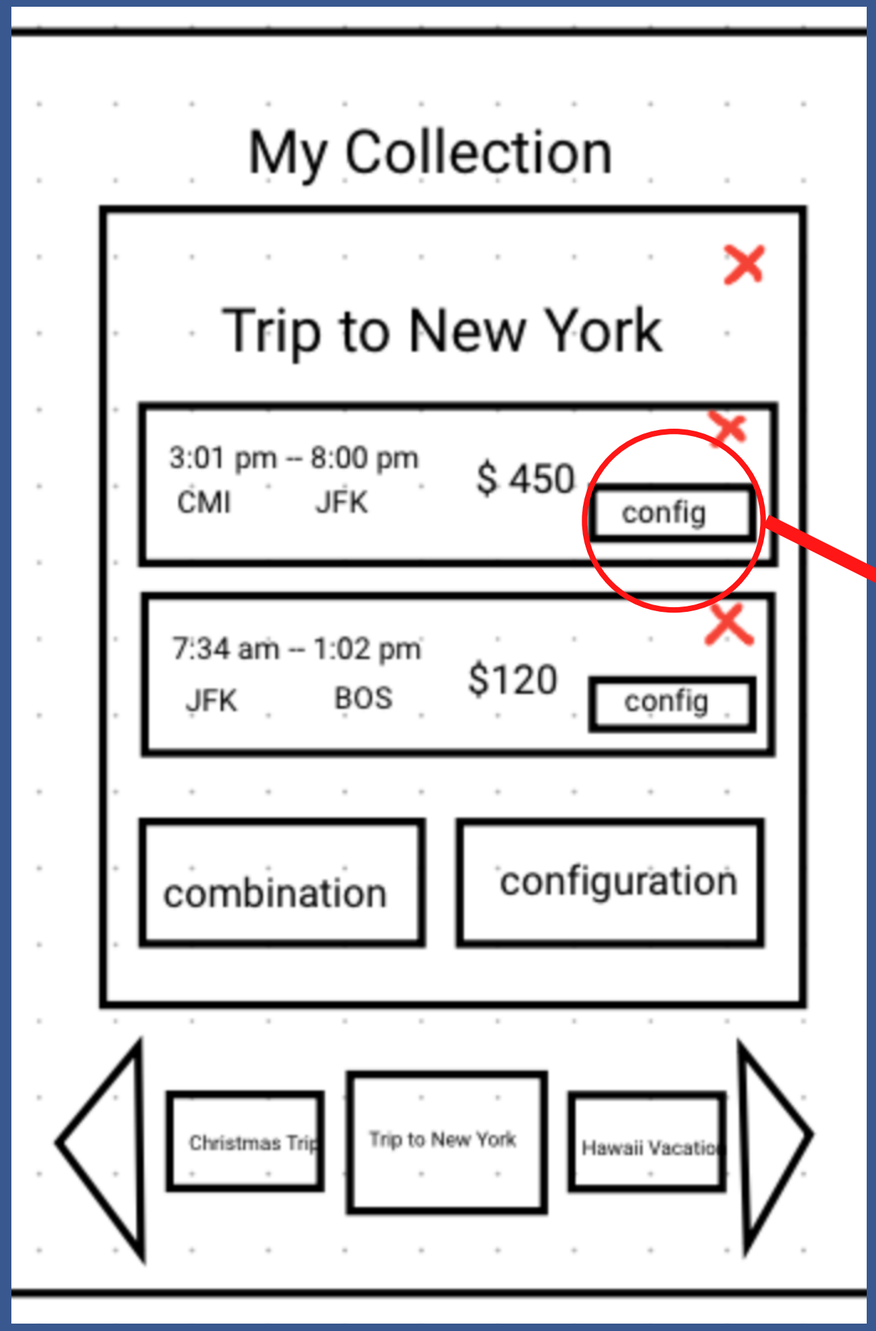
More fields to be configured

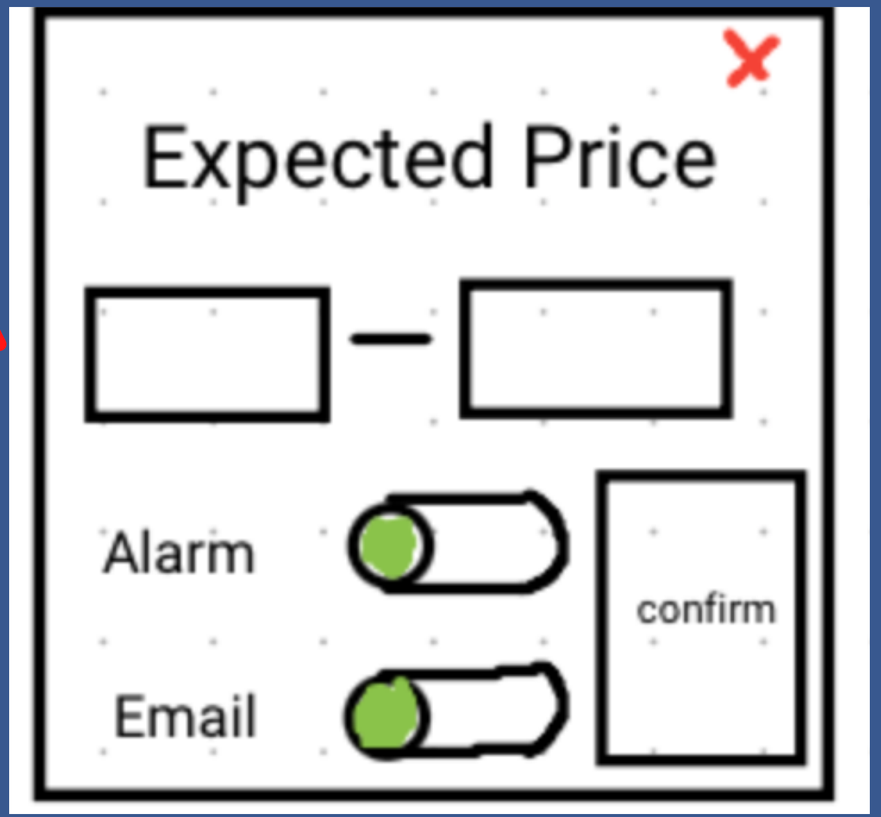






Configure notification options for single flight



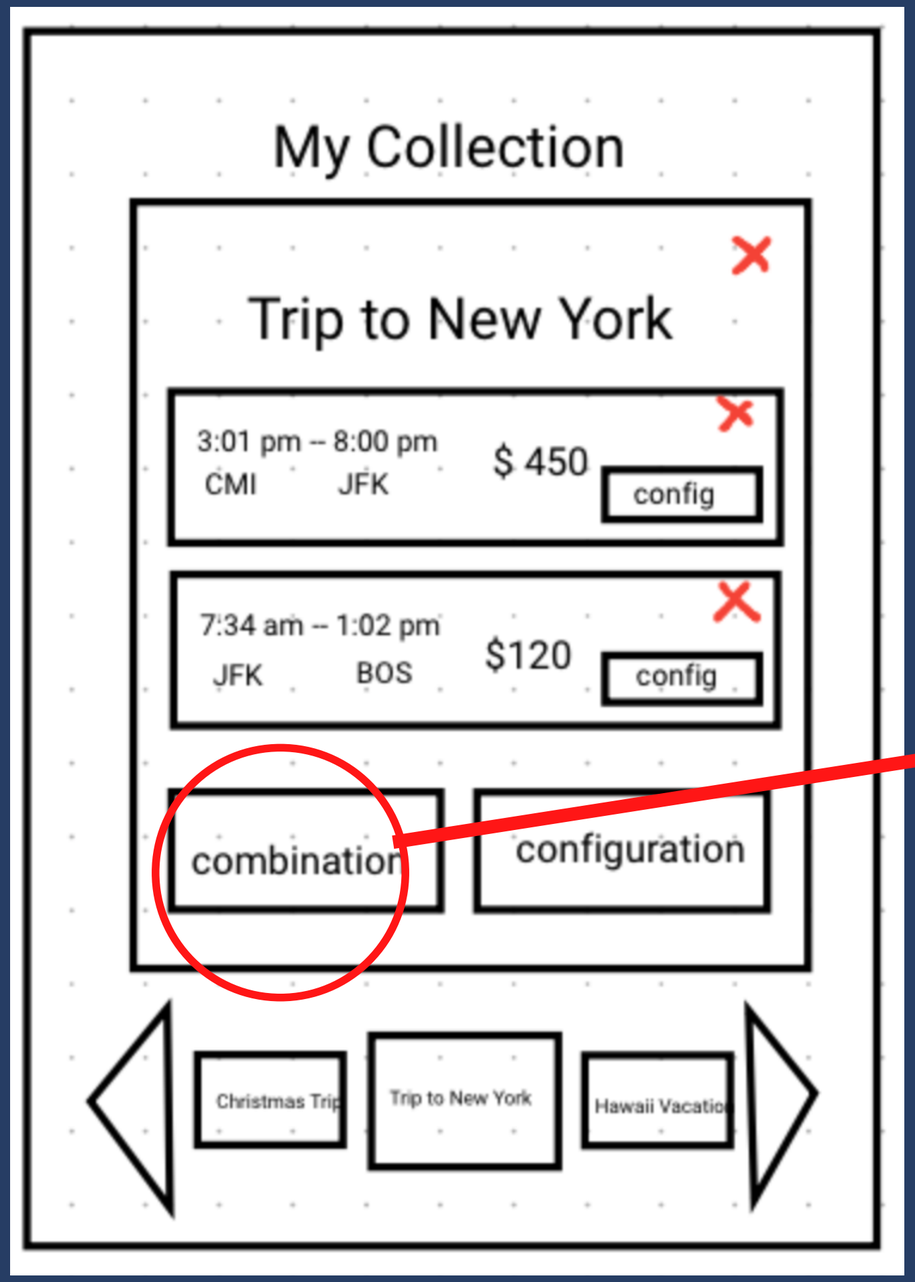


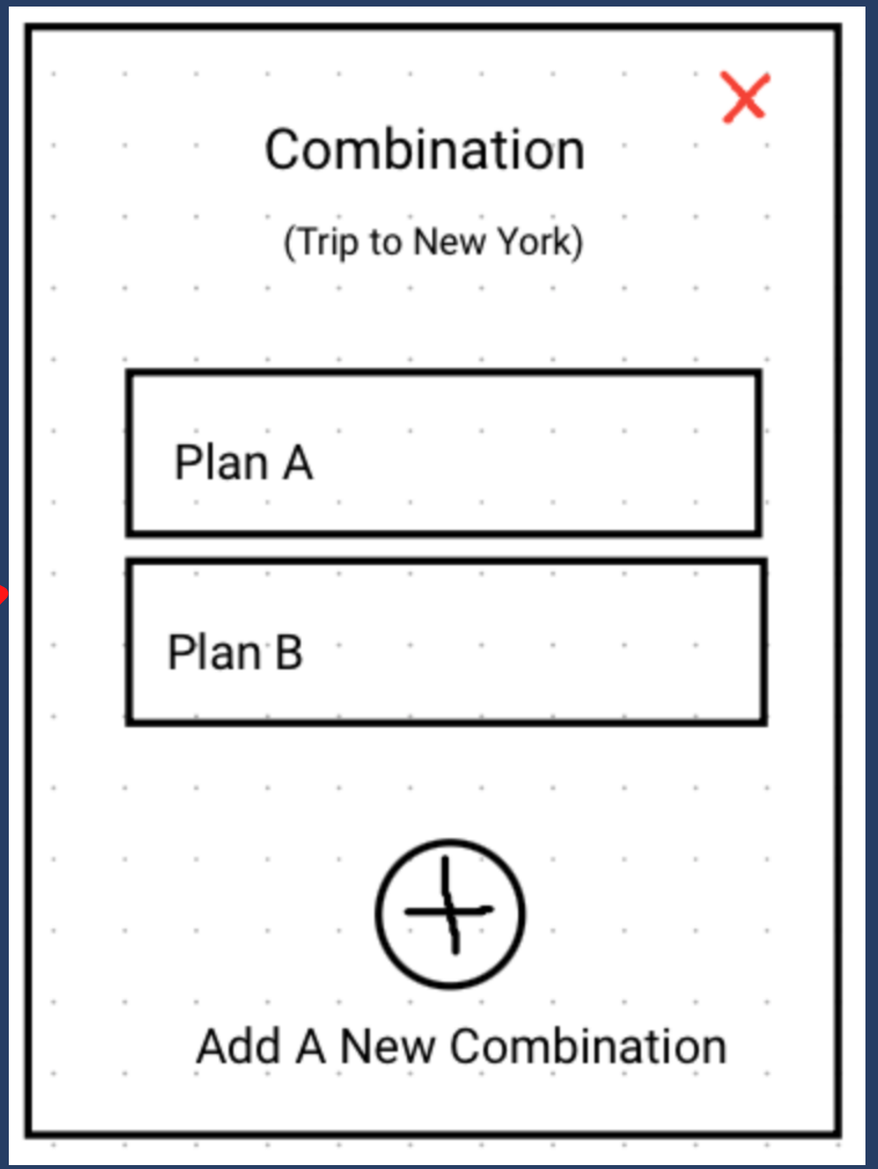
3/

TASKS

Task 3: Kevin is a businessman, he will go from **Boston to New York** to attend a meeting, and **then go to Seattle** to meet with customers. In order to ensure the continuity of the trip, he must **book two tickets at the same time**. There are several potential tickets he could buy for the two trips. He hopes to receive information in time when the total price of the tickets for the two trips is **less than 1000 dollars** which can be reimbursed by the company.

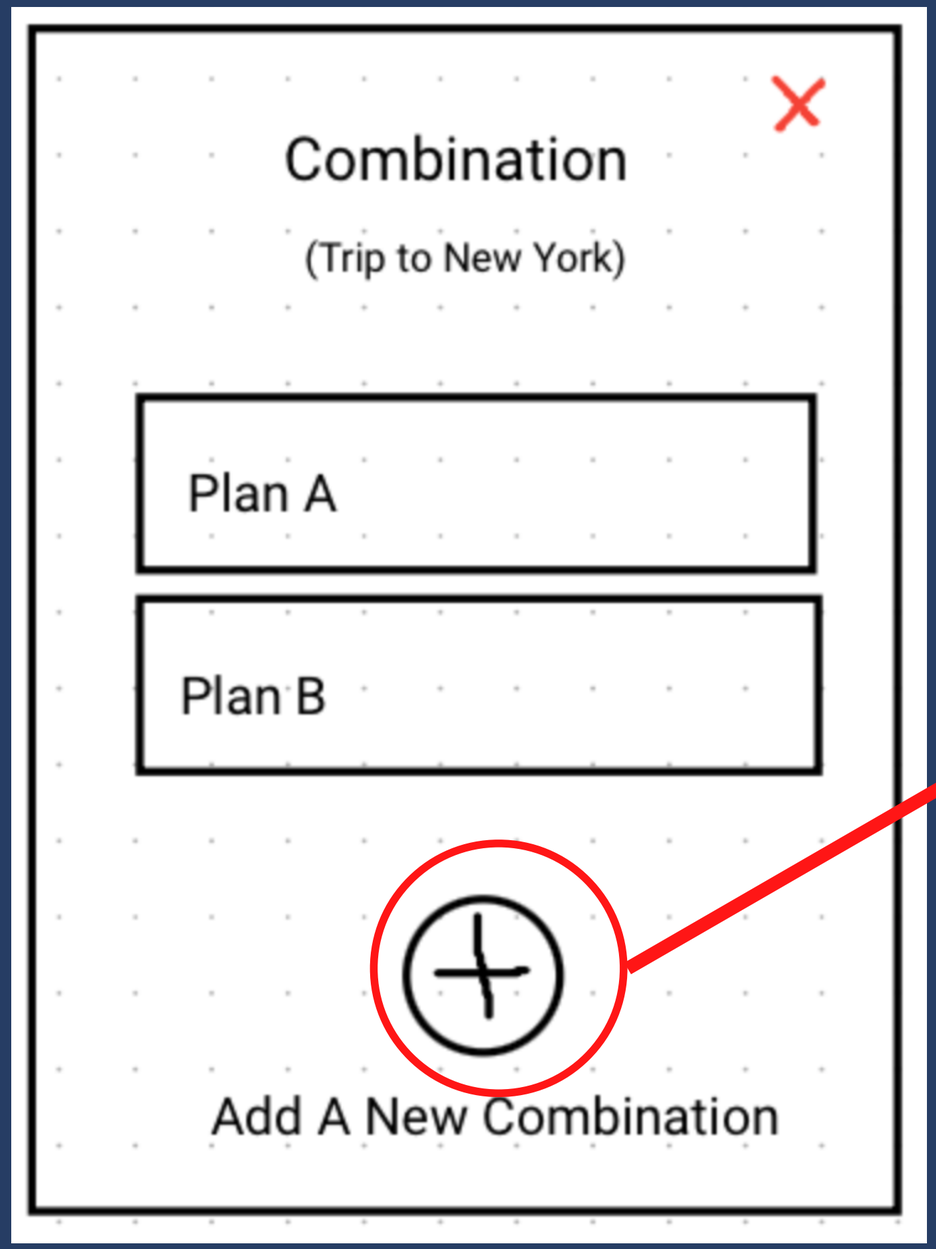
Plan for multi-flight trip

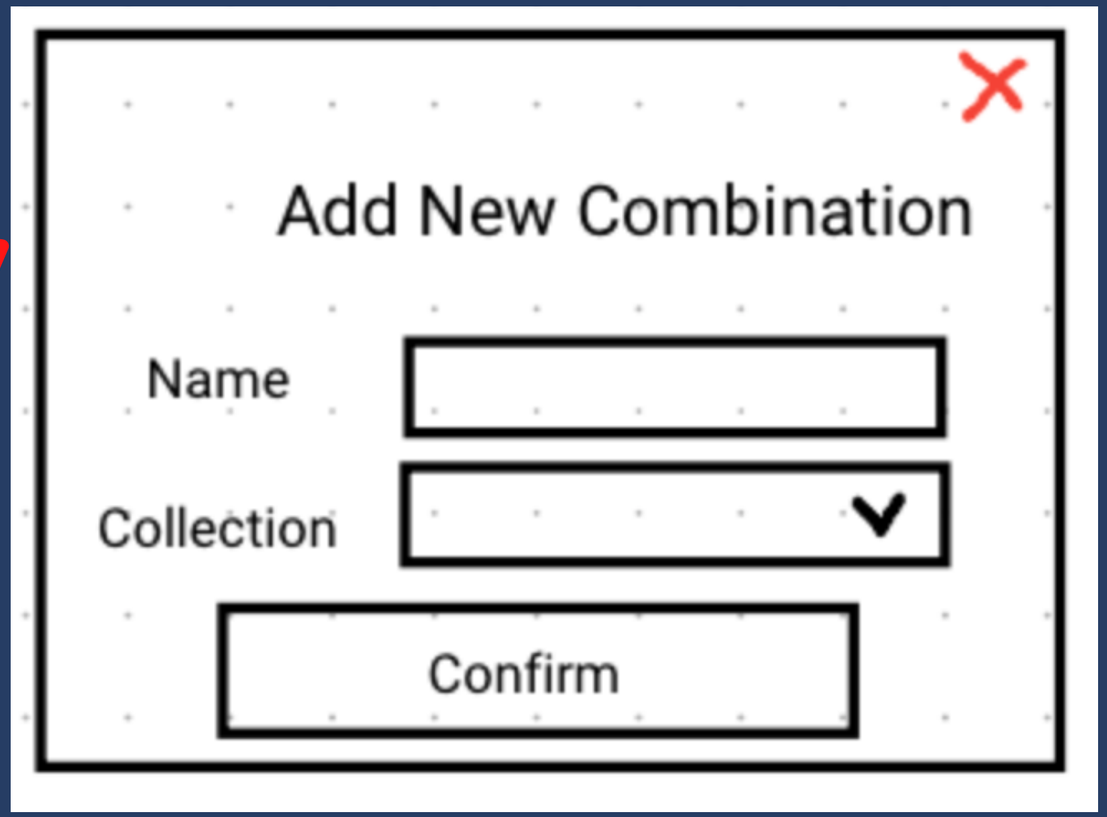




Note: We'll also give "combination" a better name later, something like "multi flight planner"

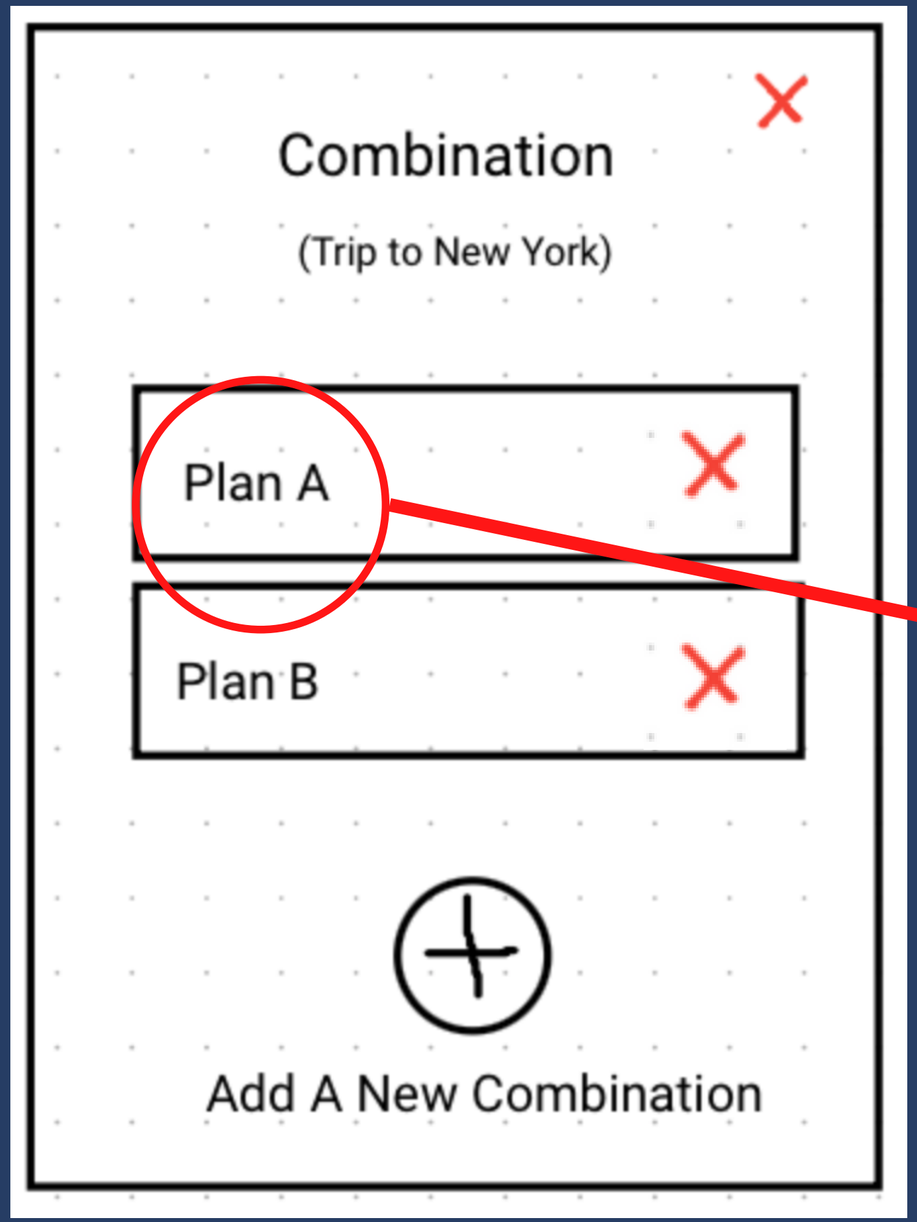
Add a New Combination

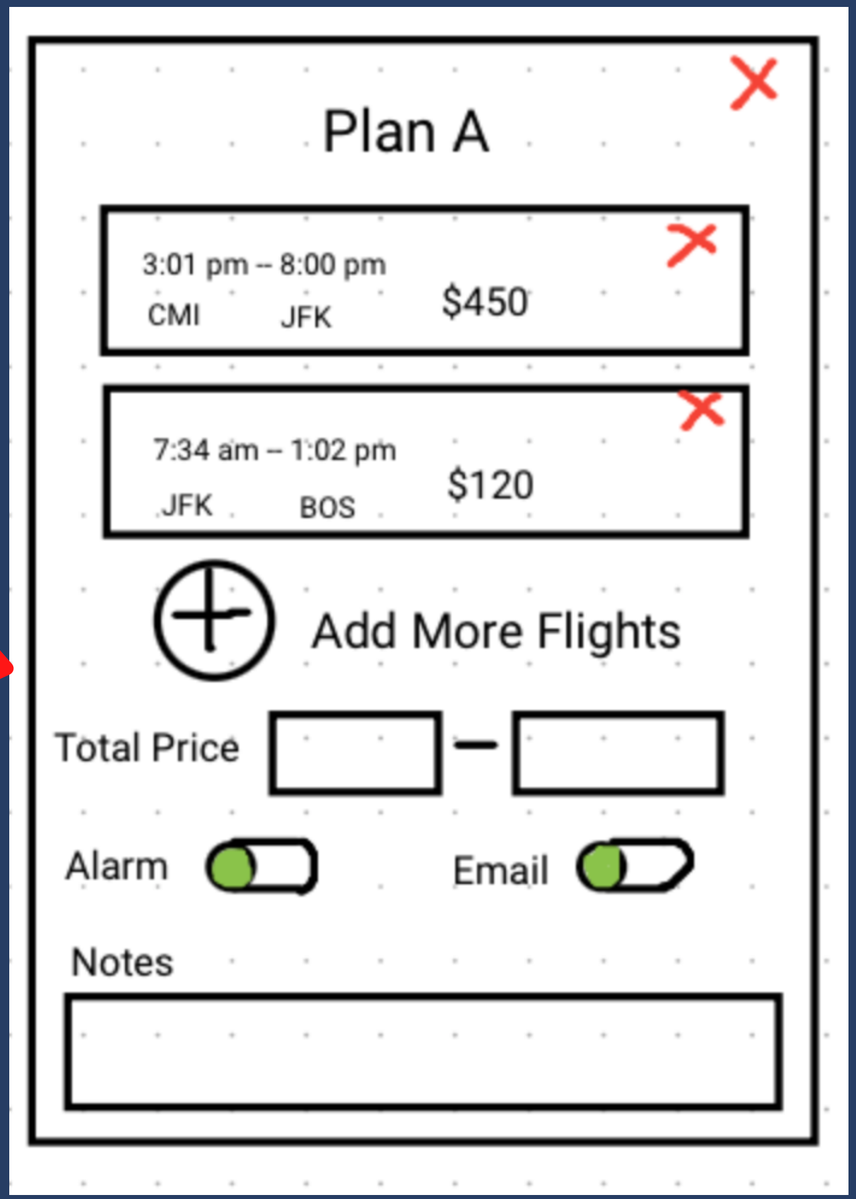


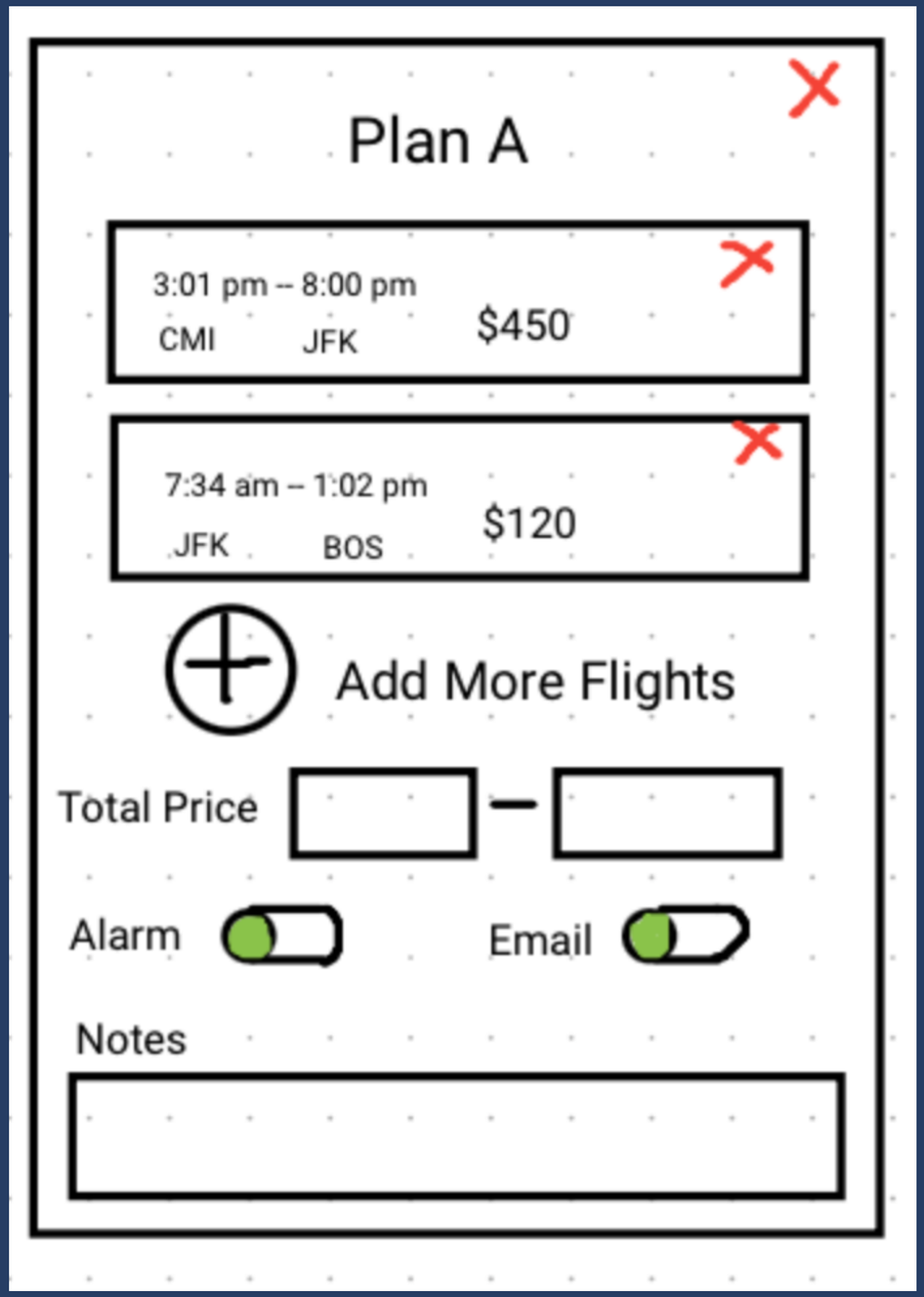


Combination
(Trip to New York)
Plan A
Plan B
Add A New Combination
Add New Combination
Name
Collection
You Create xxx Combination!

View an existing combination







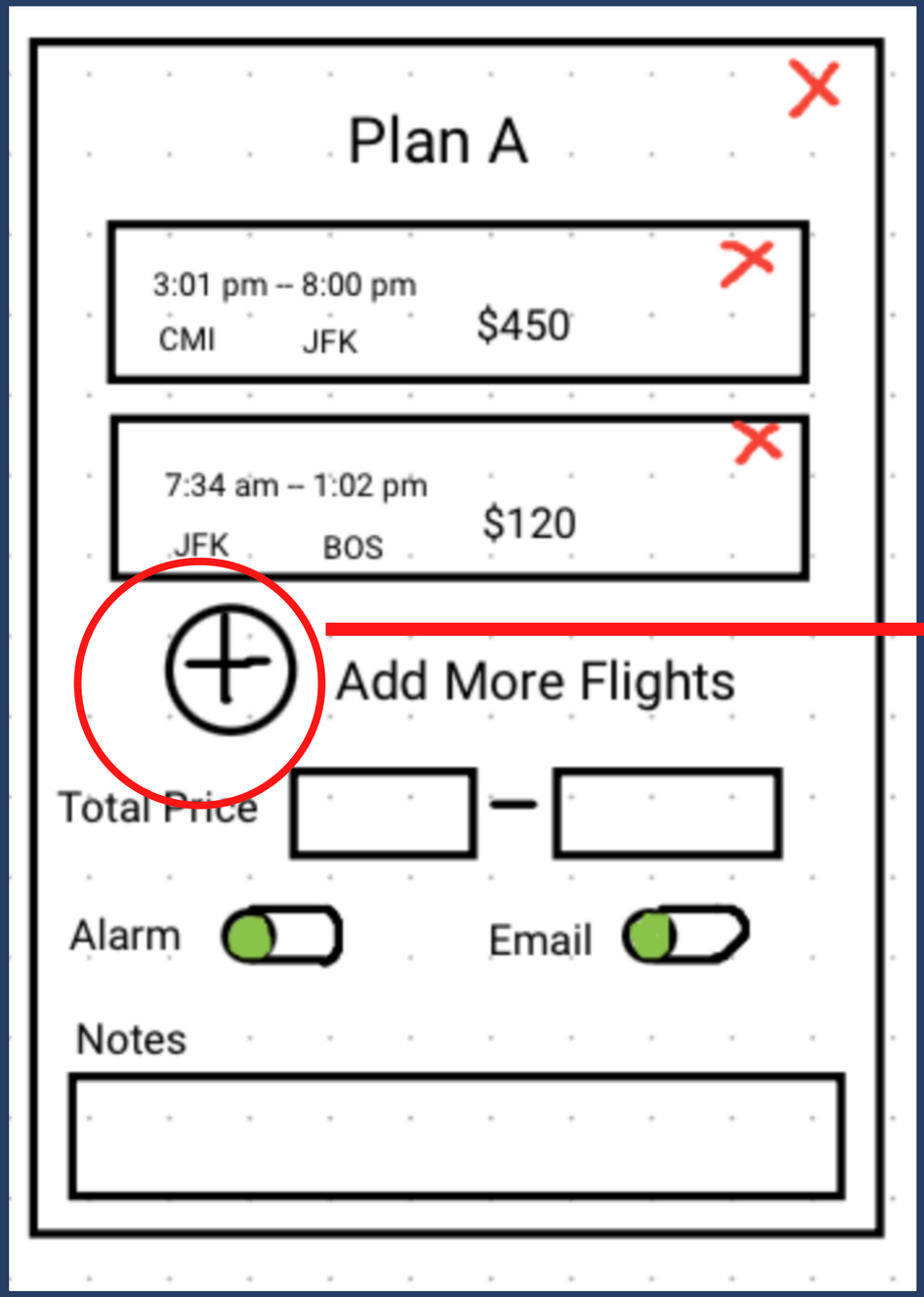
View flights in the combination

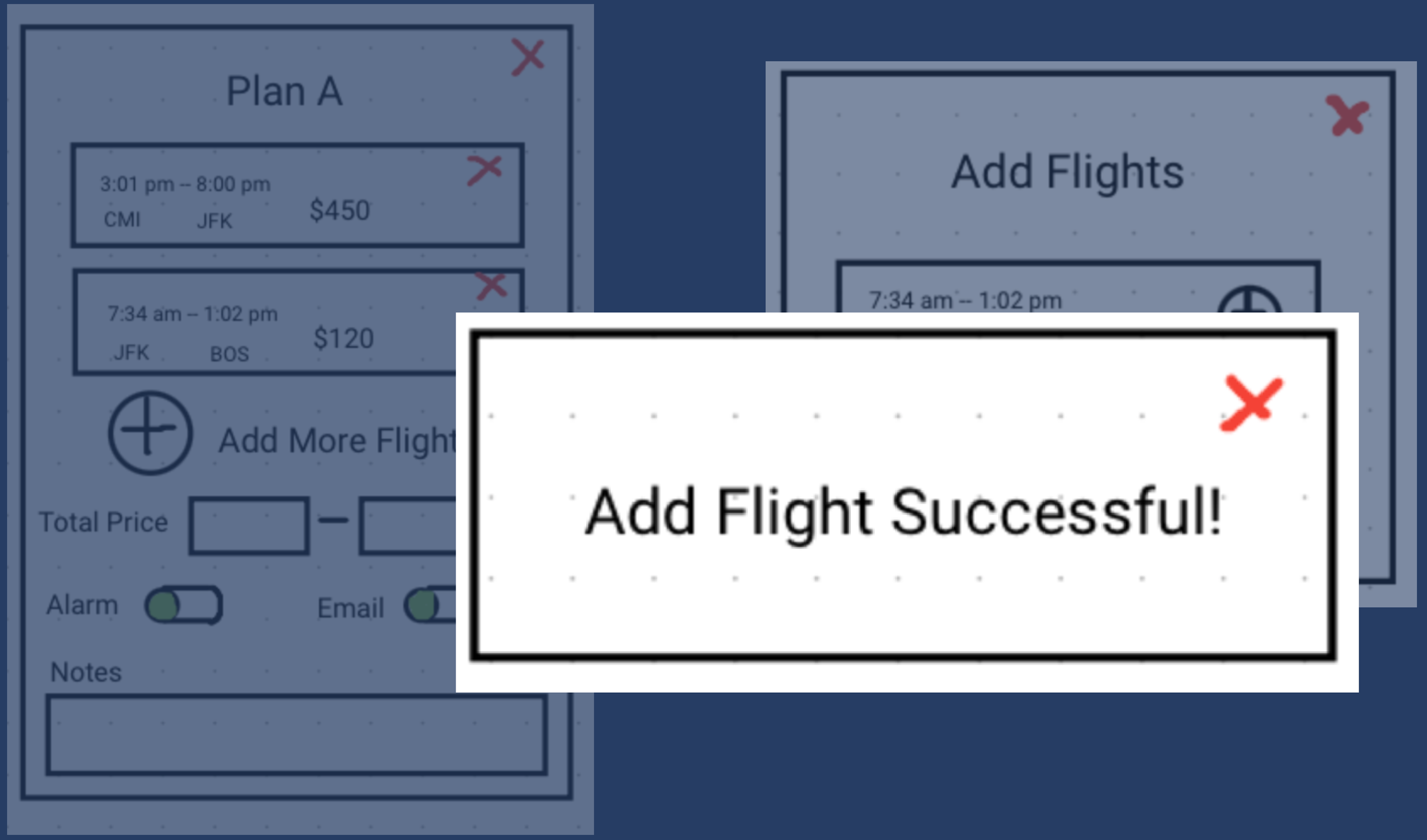
Set desired total price

Set alarm

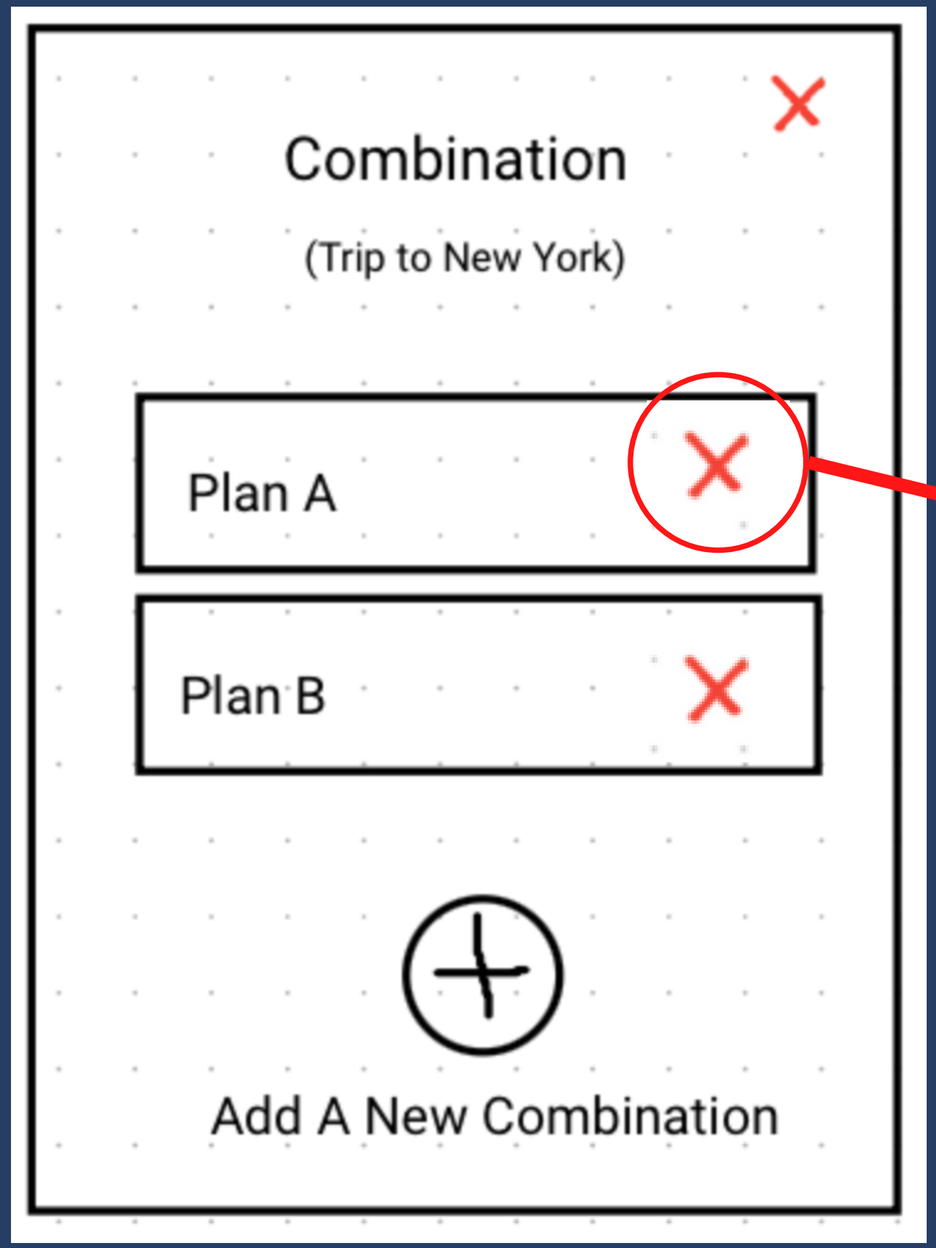
Add note

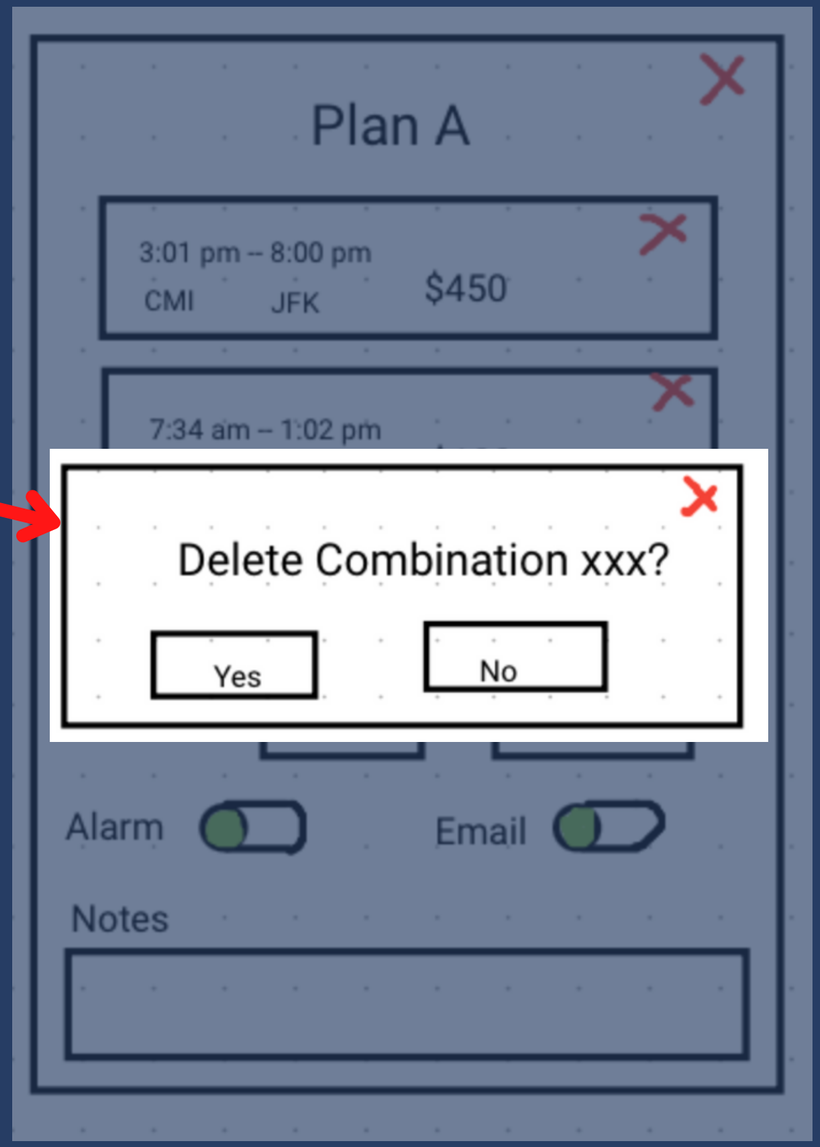
Add flight to combination



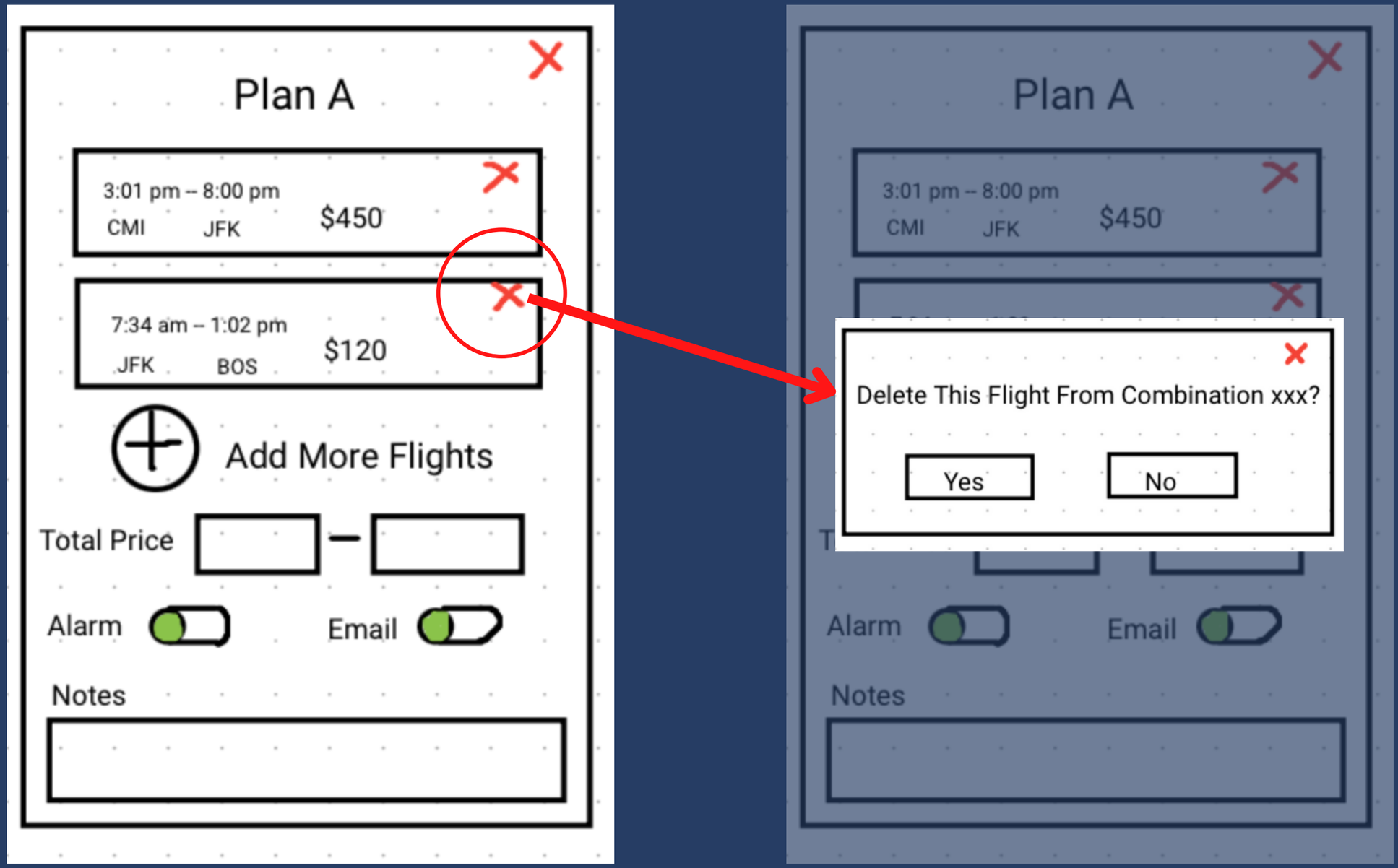

Plan A
3:01 pm – 8:00 pm
CMI
JFK
$450
7:34 am – 1:02 pm
JFK
BOS
$120
Add More Flight
Total Price
Alarm
Email
Notes
Add Flights
7:34 am – 1:02 pm
Add Flight Successful!

Error prevention for deleting combination

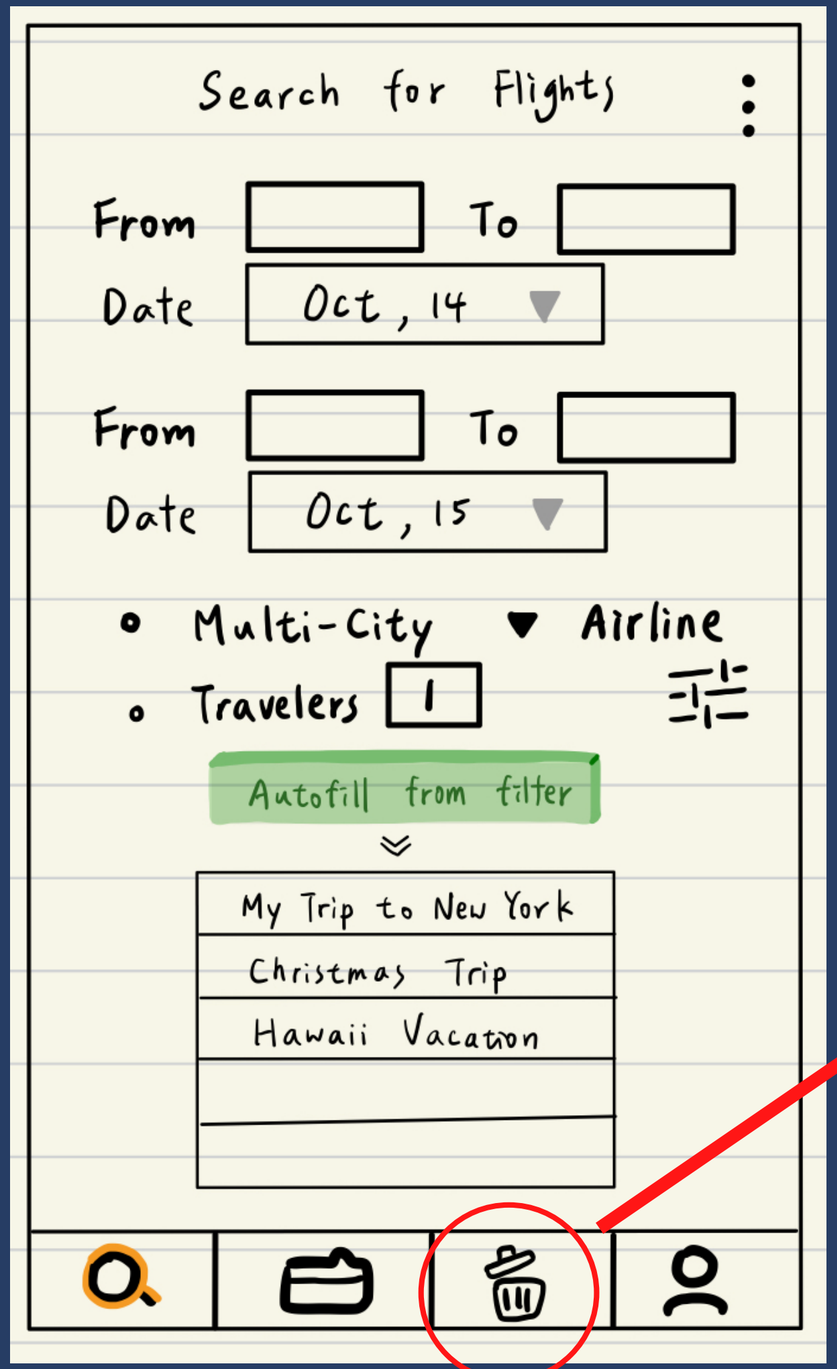


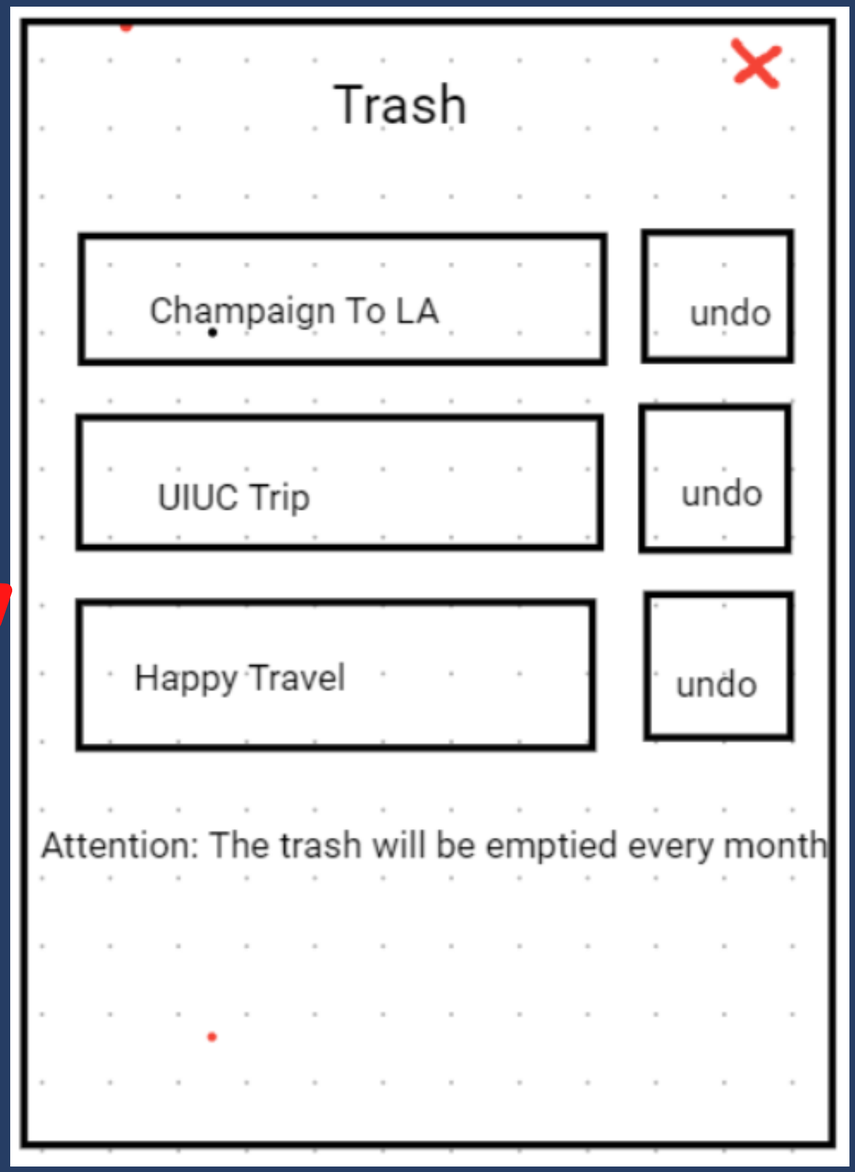
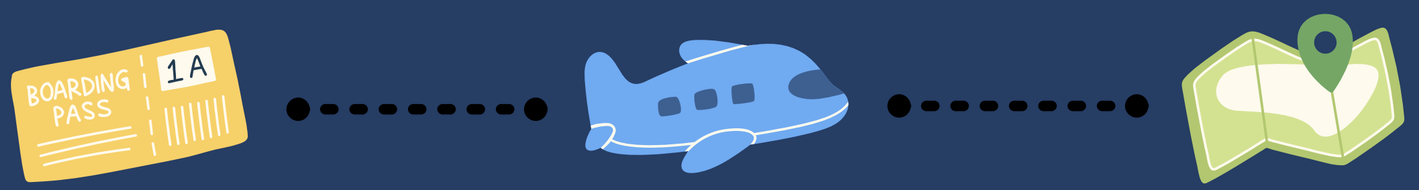


Error prevention for removing flight from combination



Error Recovery





THANK YOU