# Filtering Cabins

* The filter / sort will set the URL STATE
* This will be available from everywhere, so we don’t have to make the Cabins Table a Children of the Filter/Sort Component

# Sort Cabins – sort component

* A dropdown component to allow the user to select by what to sort the Cabins Table
* I will use the MENUS compound component to build this !!!

# Bookings Table

* We get the Bookings table data from Supabase into the app

## Server-Side Filtering of the Bookings Table

* We want to receive Straight from the API only the FILTERED bookings, not all of them and then filter on the client side (like the cabins)
* We will adjust the getBookings() API call to get only the filtered data
* We use the URL state to know how to filter the data by status
* We **PASS the status into the getBookings API call** and filter depending on what the status is

## Server-Side Sorting of the Bookings Table

* We are using the same approach as Server Side Filtering
* We adapt the query for the getBookings with the .order() function

# Pagination

* A simple component to set the current page state to the URL and fetch the a number of rows
* Will approach the same way as the filter and sorting
* We use the **{count:’exact’} query** to get the number of **ALL rows**
* We use **.range(start, end) to** get the exact rows we need

# Prefetching with React Query

* We Fetch the next page before it is actually displayed

### What we do:

* We need the queryClient ( **useQueryClient()**)
* We call **prefetchQuery()** on the **queryClient**
  + **queryClient.prefetchQuery()**
* A screen shot of a computer program

  Description automatically generated

# Booking Detail Page

* We add a **Menu** for each Boooking, and one of the options will take us to the **Booking detail page**
* We have already placed the **entire booking table inside the** Menus component
* We add the Toggle and the Button for the **Booking Details**
* We implement a new **ROUTE** and a new **PAGE**

# Check In a Booking

## Requirements

* **Check In/ Check Out**
  + Users should be able to
    - Delete booking
    - Check in booking
    - Checkout out booking
  + Bookings may not have been paid at guest arrival. Therefore, on check in, users need to accept payment (outside the app) and then confirm the payment has been received (inside the app)
  + On check in, the guest should have the ability to add breakfast for the entire stay, if they hadn’t already

# Allow the guest to add Breakfast while checking in

* We will add a new checkbox for the breakfast, in the check in flow

# Authentication