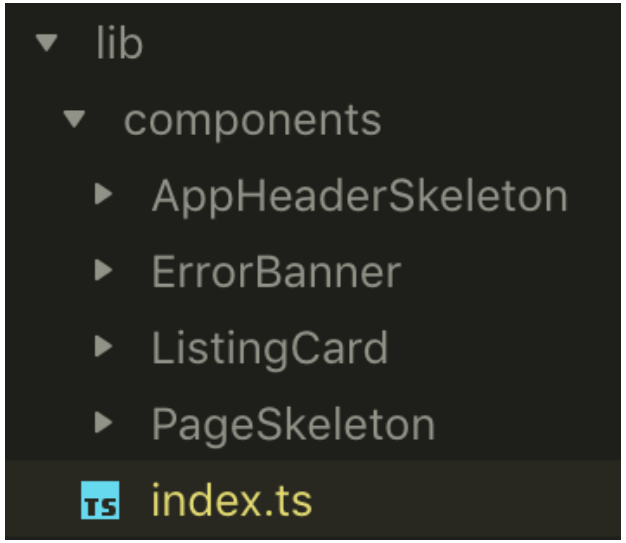
Folder Structure & Exports

Similar functionality is to be grouped together

Create explicit index files to "barrel" export functionality

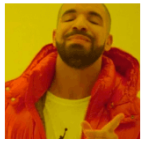


Create explicit index files to "barrel" export functionality

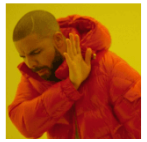
index.ts

```ts
export * from "./AppHeaderSkeleton";
export * from "./ErrorBanner";
export * from "./ListingCard";
export * from "./PageSkeleton";
```

```
import {
  AppHeaderSkeleton,
  ErrorBanner,
  ListingCard,
  PageSkeleton
} from "./lib/components";
```

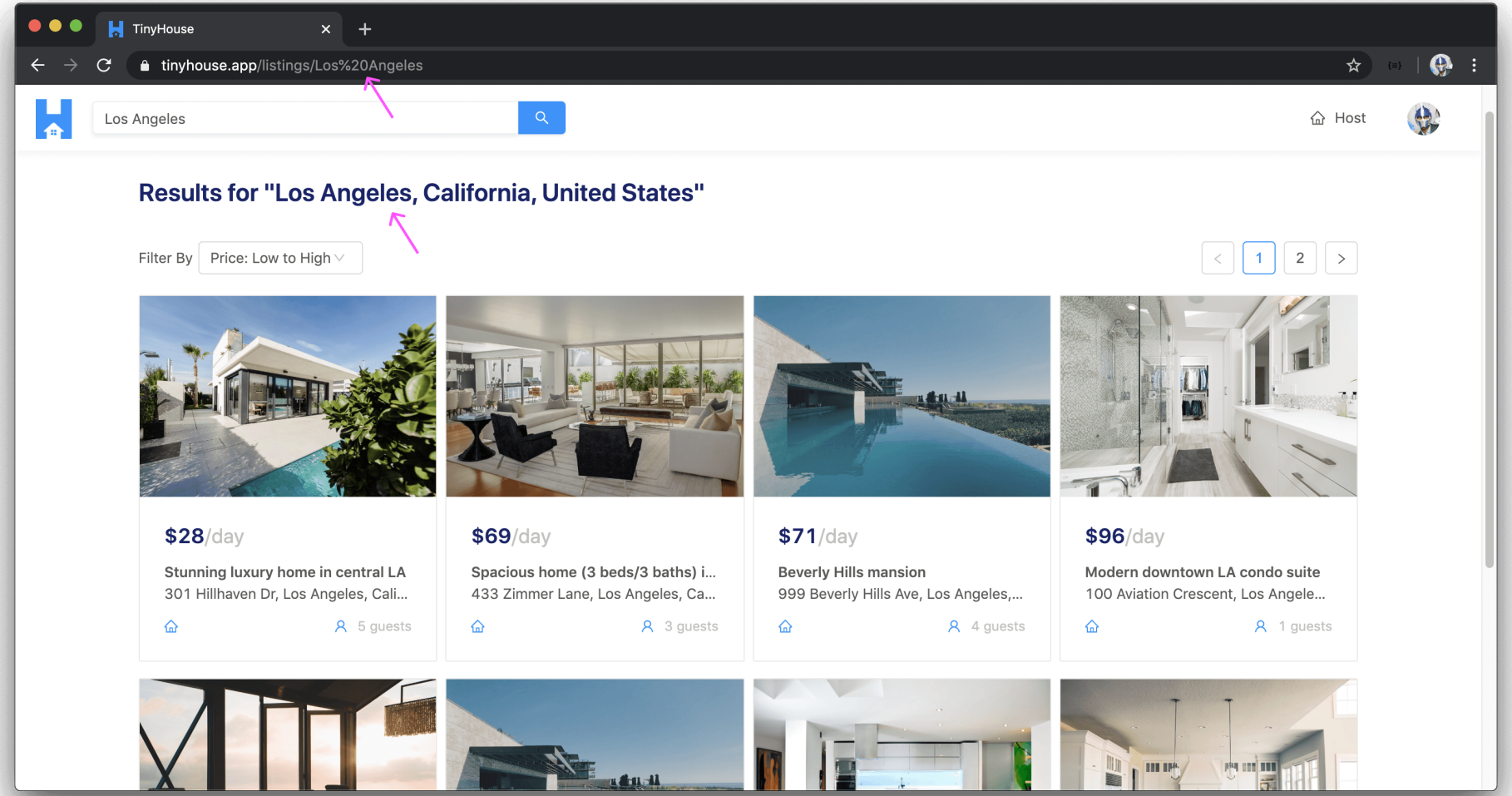


```
import { AppHeaderSkeleton } from "./lib/components/AppHeaderSkeleton";
import { ErrorBanner } from "./lib/components/ErrorBanner";
import { ListingCard } from "./lib/components/ListingCard";
import { PageSkeleton } from "./lib/components/PageSkeleton";
```



Routing & URL Parameters

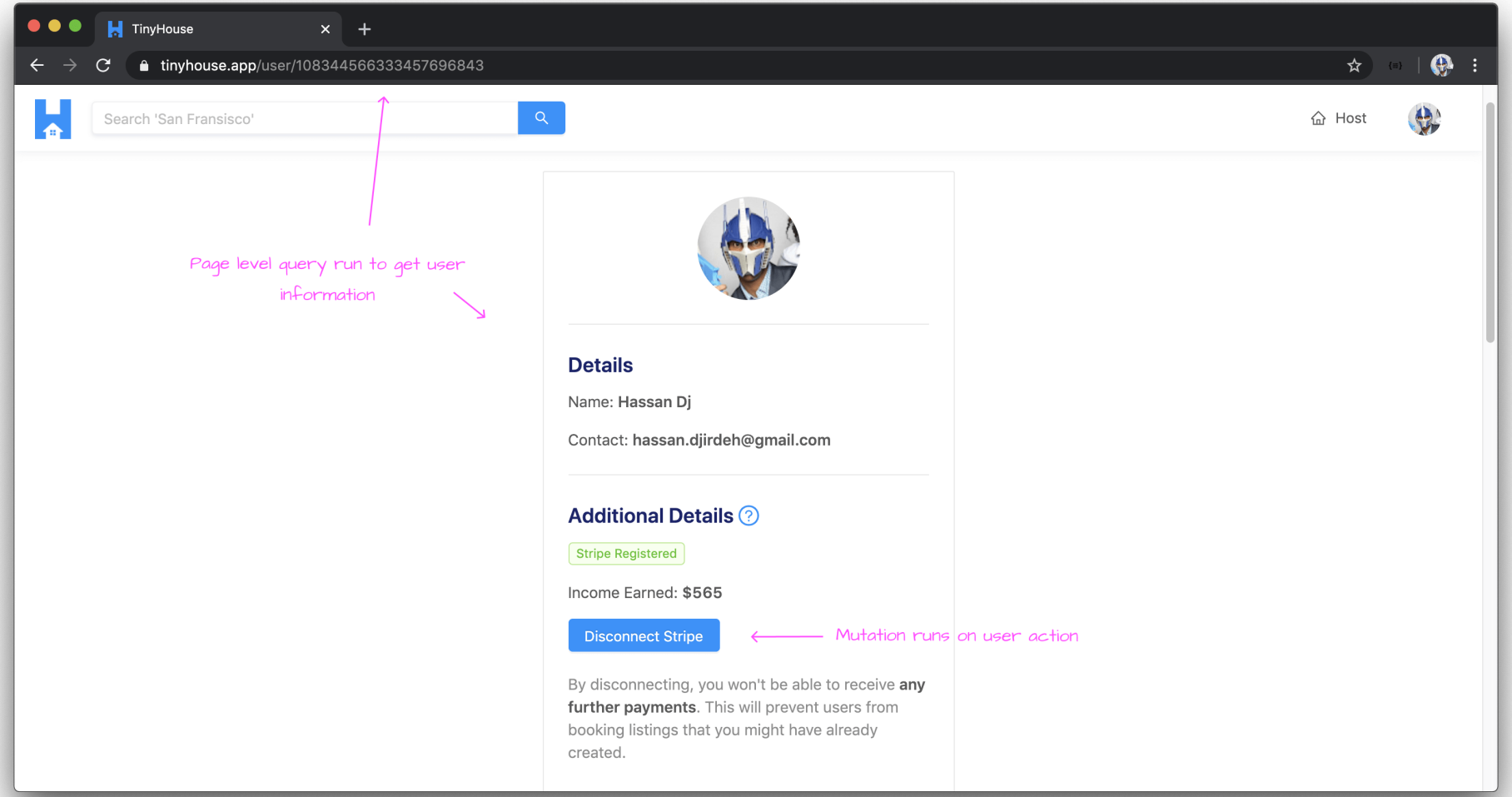
Use URL parameters to get specific information


TinyHouse
tinyhouse.app/listings/Los%20Angeles
Los Angeles
Host
Results for "Los Angeles, California, United States"
Filter By
Price: Low to High
1
2
$28/day
Stunning luxury home in central LA
301 Hillhaven Dr, Los Angeles, Cali...
5 guests
$69/day
Spacious home (3 beds/3 baths) i...
433 Zimmer Lane, Los Angeles, Ca...
3 guests
$71/day
Beverly Hills mansion
999 Beverly Hills Ave, Los Angeles,...
4 guests
$96/day
Modern downtown LA condo suite
100 Aviation Crescent, Los Angele...
1 guests

Queries & Mutations

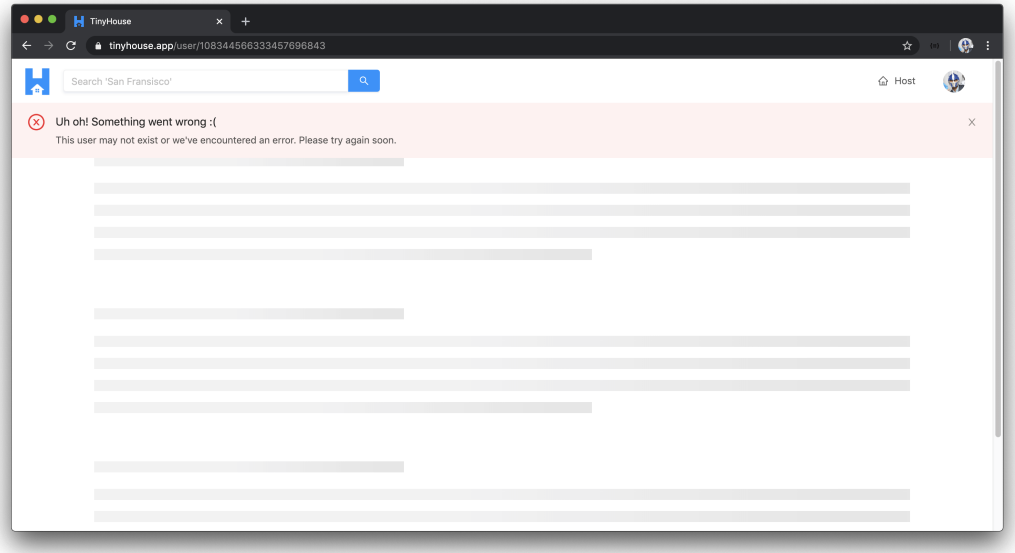
Queries are often run on page-level

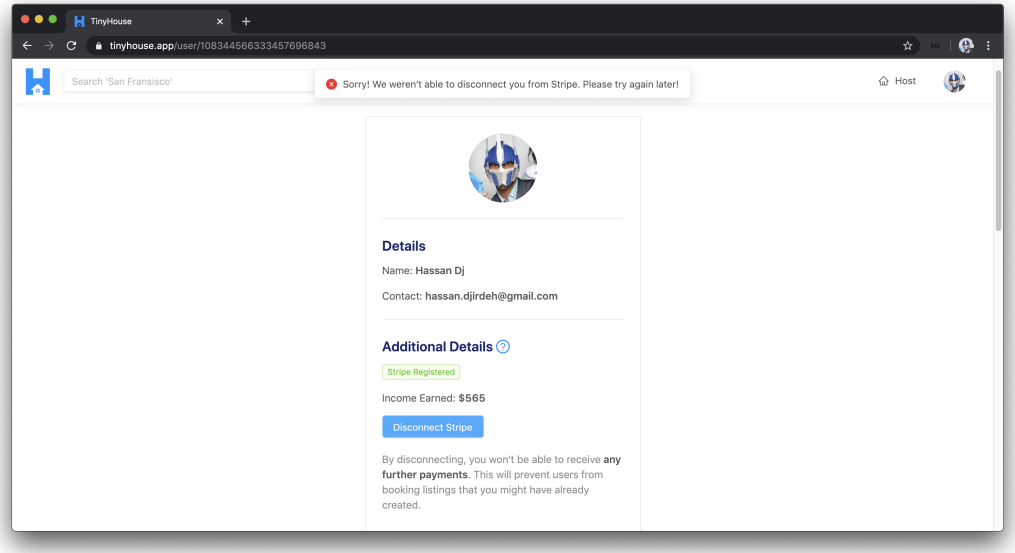
Mutations are often run on user action


TinyHouse
tinyhouse.app/user/108344566333457696843
Search 'San Fransisco'
Host
Page level query run to get user information
Details
Name: Hassan Dj
Contact: hassan.djirdeh@gmail.com
Additional Details
Stripe Registered
Income Earned: $565
Disconnect Stripe
Mutation runs on user action
By disconnecting, you won't be able to receive any further payments. This will prevent users from booking listings that you might have already created.

Query errors are often page-level

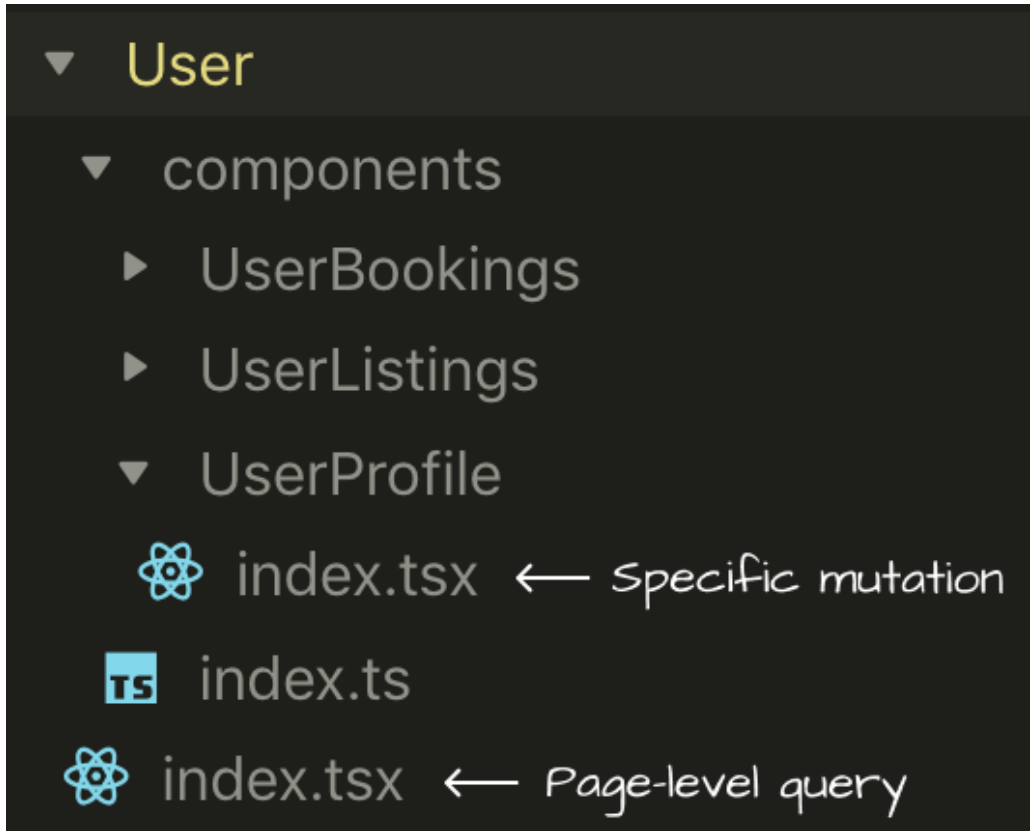
Mutation errors are often a notification


TinyHouse
tinyhouse.app/user/108344566333457696843
Search 'San Fransisco'
Host
Uh oh! Something went wrong :(
This user may not exist or we've encountered an error. Please try try again soon.


TinyHouse
tinyhouse.app/user/108344566333457696843
Search 'San Fransisco'
Sorry! We weren't able to disconnect you from Stripe. Please try again later!
Host
Details
Name: Hassan Dj
Contact: hassan.djirdeh@gmail.com
Additional Details
Stripe Registered
Income Earned: $565
Disconnect Stripe
By disconnecting, you won't be able to receive any further payments. This will prevent users from booking listings that you might have already created.

Call Queries on Parent React components

Execute Mutations on specific React child components


User
components
UserBookings
UserListings
UserProfile
index.tsx ← Specific mutation
index.ts
index.tsx ← Page-level query

This is a general pattern, not a must!

E.g. we'll do things differently when we handle OAuth

Building New Features

1. Understand the **scope** and what we intend to accomplish.
2. Establish the **GraphQL fields** we'll need.
3. Implement **type definitions** & **resolver functions** for the new fields.
4. Build the **client-side** UI to consume the new GraphQL fields.