

React: Week project

React – Week project

The following exercise contains the following subjects:

- ◆ React

Submitting instructions:

Please add the following to hive:

- A link to the repository
- Free text – a description of the app. Stuff you found hard to implement, known bugs and your review of this assignment.

You must use Git throughout the assignment (and not only commit at the end)

Planning phase

Pain / Central focus

It is the center focus that everything in your project is built for.

Every good piece of software has a way to fix a pain point in people's lives. Netflix removed the 'pain' of traditional movie rentals, Facebook allowed its users to feel connected from anywhere in the world.

However, If you just want to build something that interests you, that's amazing, and don't let something like finding 'pain points' stop you. However, every piece of software should have a central focus. so find that before you start building anything!

Solution / features

Keeping our pain / central focus point in mind, we can start to dive into what cool features we want our software to be capable of doing to solve the pain / central focus. As we create this primary 'layer' of features, we should constantly be asking ourselves, "Is this feature going to help solve our pain point/ central focus?" If not, it's probably a waste of our time to code it.

Time management

Have 3 categories of features you want to implement.

1. Must do features.
2. Features you want to implement if you have the time.
3. Future features that would be nice to have.

Design Phase:

Components

Think of the components you need for your features.

Where to place your state.

What utility functions do you need to achieve your features.

Routes

Think what routes would you need for your components.

Pages Layout

Sketch your pages interfaces and think about components should belong where.

Keep it DRY

When you look over your blueprint, you should start to see some patterns in reused functionality. This is our chance to build out the reusable bits of code your project will be using. By doing this we are using DRY (Don't Repeat Yourself!) coding practices that will not only speed up our development process but make it more maintainable and improve our code quality as well! It is arguably the most important step. Think of this portion as a tiny code library specifically for your project filled with methods, functions and components that will make your lives easier.

Airbnb's Pitch

Lets look at a few slides that is relevant for us on how AirBnb did [their famous pitch](#) in 2009 that raised them \$600k.

Problem/ Pain



The image shows a slide from the Airbnb pitch deck. The slide has a light blue header with the word "Problem" in white and the number "2" in blue. The main content is in a white box with a light blue border. It lists three problems: "Price is a important concern for customers booking travel online.", "Hotels leave you disconnected from the city and its culture.", and "No easy way exists to book a room with a local or become a host." At the bottom, there is a small footer with contact information.

Problem 2

Price is a important concern for customers booking travel online.

Hotels leave you disconnected from the city and its culture.

No easy way exists to book a room with a local or become a host.

19 march street, sf, c, san francisco, ca 94103 | www.airbedandbreakfast.com | @888.461.6180 | pe@airbedandbreakfast.com

Solution

Solution

3

A web platform where users can rent out their space to host travelers to:

SAVE MONEY

when traveling

MAKE MONEY

when hosting

SHARE CULTURE

local connection to the city

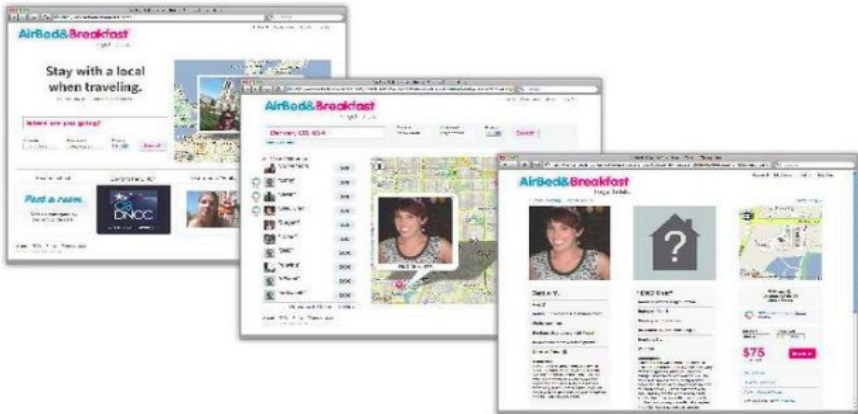
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Product / core features

Product

6

SEARCH BY CITY → REVIEW LISTINGS → BOOK IT!



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Search by city

Anywhere Anytime 1 guest

Become a Host Help Sign Up Log In

FOR YOU HOMES EXPERIENCES PLACES

Experiences

See all >



Review listings

Los Angeles Anytime 1 guest

Become a Host Help Sign Up Log In

FOR YOU HOMES EXPERIENCES PLACES

Room type Price range Instant Book Refund policy More filters



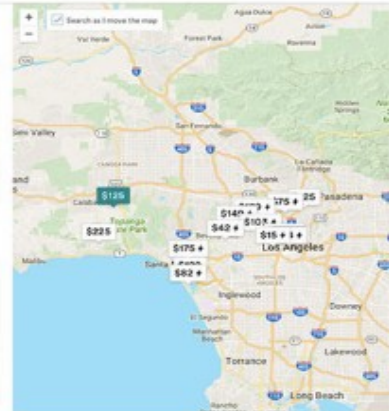
\$105 Private Pool House with Amazing View
Entire home/apt · 1 bed
★★★★★ 83 reviews



\$225 Ocean View Malibu Hideaway
Entire home/apt · 3 beds
★★★★★ 83 reviews



\$129 Sweetest Cottage in Venice Beach
Entire home/apt · 2 beds
★★★★★ 392 reviews



\$140 MY LITTLE PARIS IN LOS ANGELES

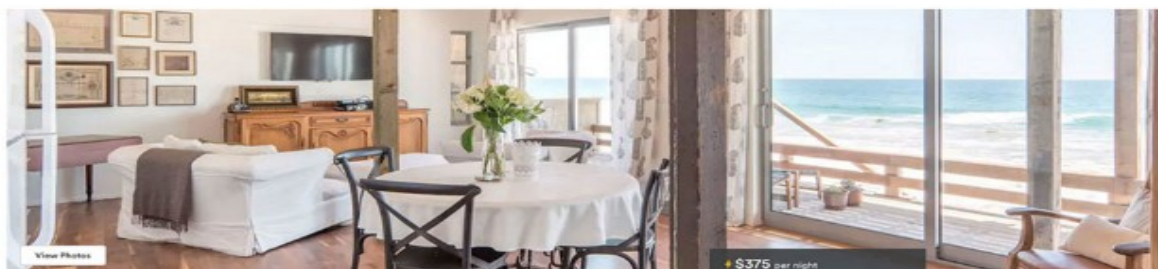


\$195 TOP OF THE HILL ACREAGE



\$795 Luxurious modern house with a view

Book it!



View Photos

Overview Reviews The Host Location

Malibu By The Sea Beachfront Apt

Malibu, CA, United States ★★★★★ 96 reviews



Connect



Entire home/apt



2 Guests



1 Bedroom



1 Bed

\$375 per night

Check In

mm/dd/yyyy

Check Out

mm/dd/yyyy

Guests

1 guest

Book

100% refundable · You won't be charged yet

Submit the file to Hive.