Conversation Log 4/22/2023

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Building Advertising Dashboard based on Lot Operator Dashboard (which I coded without AI assistance)

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Advertiser Dashboard Creation

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Human: Question to ask:

So I made a dashboard for a user with the Parking Lot Operator role (they own parking lots which we provide monitoring). I would like to provide a similiar dashboard for advertisors when they log in that shows all their current ads and what parking pages they are on, tracks the success of the ads with statistics presented in different ways that would be important to a advertisor. I will also provide a business document at the end so you can understand what advertisors might need on their dashboard. Use the

Here is the Parking Lot Operator Dashboard I made (the advertiser dashboard I am asking you to make should resemble it's structure and logic but advertisors have different needs than Parking Lot Advertisers):

import React, { useState, useEffect } from "react";

import { useNavigate, Link, useLocation} from 'react-router-dom';

import jwt\_decode from "jwt-decode";

import styled from 'styled-components';

import heroImage from '../images/operatordbhero.jpg';

import LotStream from './LotStream';

const HomeContainer = styled.div`

background-color: black;

align-items: center;

justify-content: center;

height: 100%;

`;

const WebCamContainer = styled.div`

background-color: white;

margin-left: auto;

margin-right: auto;

width: 80%;

color: black;

padding-left:3em;

padding-right:3em;

text-align: center;

margin-bottom: 2em;

padding-bottom: 2em;

`;

const Footer = styled.footer`

background-color: black;

color: white;

padding: 2rem;

display: flex;

flex-direction: column;

align-items: center;

justify-content: center;

`;

const FooterItem = styled.p`

margin: 0.2rem;

`;

const SubHeading = styled.h2`

margin-left: auto;

margin-right: auto;

padding-top: 2rem;

font-size: 2rem;

width: fit-content;

color: black;

`;

const MyTable = styled.table`

margin-left: auto;

margin-right: auto;

width: fit-content;

`;

const HeroImage = styled.div`

margin-top: 2.2em;

width: 100%;

background-image: url(${heroImage});

background-position-y: top;

background-size: cover;

background-color: black;

display: flex;

justify-content: center;

align-items: center;

display: inline-block;

font-size: 1.5rem;

margin-bottom: 0rem;

`;

const OperatorDashboard = () => {

const [user, setUser] = useState(null);

const location = useLocation();

useEffect(() => {

const token = localStorage.getItem("token");

const decodedToken = jwt\_decode(token);

setUser(decodedToken);

}, [location]);

return (

<HomeContainer>

<HeroImage>

<WebCamContainer>

{user ? (

<>

<SubHeading>Welcome back, {user.data.first\_name}</SubHeading> </>

) : (

<SubHeading>Welcome back</SubHeading>

)}

<p>Parking Lot Cameras Livefeed</p>

<p><LotStream /></p>

<p>Parking Analysis</p>

<MyTable>

<tr>

<td>Current Occupancy</td>

<td>11/15</td>

</tr>

<tr>

<td>Cars Parked Today</td>

<td>142</td>

</tr>

<tr>

<td>Average Occupancy Today</td>

<td>8.3</td>

</tr>

<tr>

<td>Total Cars Parked Today</td>

<td>&nbsp;&nbsp;&nbsp;&nbsp;123, 143, 142, 120, 101, 141, 150, 140 (yesterday)</td>

</tr>

<tr>

<td>Past 7-Day Average Occupancy</td>

<td>&nbsp;&nbsp;&nbsp;&nbsp;10.5, 9.3, 11.3, 7.3, 10.2, 9.5, 10.3, 10.2 (yesterday)</td>

</tr>

<tr>

<td>Past 7-Day Total Cars Parked</td>

<td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;123, 143, 142, 120, 101, 141, 150, 140 (yesterday)</td>

</tr>

<tr>

<td>Current Overparking Spaces</td>

<td>Spot 4 (28 minutes overparked)</td>

</tr>

</MyTable>

</WebCamContainer>

</HeroImage>

<Footer>

<FooterItem>ParkEz Inc.</FooterItem>

<FooterItem>1234 Park Street, Suite 567</FooterItem>

<FooterItem>Stamford, CT 06902</FooterItem>

<FooterItem>Phone: (203) 123-4567</FooterItem>

<FooterItem>Email: support@parkez.ai</FooterItem>

</Footer>

</HomeContainer>

);

};

export default OperatorDashboard;

Here is the business plan so you can better understand what an advertisor would need in a dashboard:

Business case information can be structured by completing the table below.

Application Name ParkEZ

Type of business model Subscription: Retail or private/public property owners will pay monthly premiums to better facilitate customer parking and tow removals.

Advertising: Local businesses, such as malls, shopping centers, car rental companies, and stores near the parking lot, will be able to place advertising on our customer facing website and app. When a customer uses ParkEZ to check parking availability, they will see nearby businesses who advertise with us on their webpage or app.

Target audience of external users

(Customer Segments) For whom are we creating value?

Businesses, property owners, customers/patrons of the stores and businesses who choose to advertise with us.

Who are our most important customers?

Busy businesses and property locations such as malls that get a lot of foot traffic and require parking spaces for customers.

Groups of internal stakeholders, business users Indicate who will be using the system in your organization, i.e., internal users.

The development group, the customer support team, the advertising team and an administrator.

Do we need a product development group?

Yes, to build an application/platform for the businesses. To address reported issues, monitor the platform for bugs and ensure it is working correctly.

Do we need a sales group?

Yes, a sales group will be needed for initial exposure to the market in attracting businesses to the platform. From there, we will rely on referrals since in many cases property owners manage other properties as well.

Do we need a finance group (accounts payable, receivable)?

Yes, in order to keep track of our funds and ensure we remain profitable our costs must remain below our revenue.

Do we need a customer support team?

Yes, as we have a diverse set of areas to implement our application ranging from mall strips to parking garages, we will need a team that can assist with resolving issues that may arise with different lighting conditions, areas of car traffic and parking lot striping.

The customer support team can also help advertisers with ad management.

Do we need an advertising management group?

Yes, ads will be sold for local businesses (e.g., stores in malls) and appear on the website and apps customer facing parking availability pages. The advertising management group will sell and maintain ads.

Value propositions What value do we deliver to the customer?

We will help increase business revenue by finding people parking spaces and reducing non-patron parkers that will be towed by the business owners/property managers.

We also connect local businesses with potential customers through advertising.

Which one of our customer’s problems are we helping to solve?

We are increasing the efficiency of and revenue from parking lots.

Loss of revenue occurs due to customer frustration from parking lot congestion. Increasing revenue through foot traffic by facilitating parking for store customer. Also, helping find illegal parking instances to facilitate tows that can also lead to increased revenue for the business/property owner.

What bundles of products and services are we offering to each Customer Segment?

Property Owners/Store Operators/Malls: An easy way to track illegal parkers and reduce the number of non-patrons in their parking lots.

Customers of Businesses: A one stop solution for all their parking needs for the businesses they love to patronize at no cost to them.

Advertising Customers: An opportunity to find local customers by advertising on ParkEZ.

Which customer needs are we satisfying?

• Need to maximize revenue for business operators/property owners from possible patrons by facilitating finding parking spaces.

• Need to reduce illegal parking by non-patrons.

• Need to reduce crime by automating camera footage monitoring.

• Provides customers an easy way to check traffic nearby their favorite spots to shop.

• Increase business for advertising customers.

Key resources What Key Resources do our Value Propositions require?

• Team of developers to create the customer facing interface and the software that monitors the parking lot.

• Customer support team to act as an intermediary between the app and the property owners.

• Access to security camera feed from business owners or property managers.

Our Distribution Channels?

• Cellphone app stores, website, signage on property with application information

Customer Relationships?

• The nature of customer relationships is of a self-service character for individuals parking their cars.

• For businesses using our app to assist in managing their parking, our customer support team will act as an intermediary. Property managers also have access to some self-service features through their own web portal.

Revenue Streams?

• Subscriptions.

• Selling advertisements.

How the system is used What is the main system use scenarios for the External Customers?

• Parking customer will go to the app, type in the store name and will see how many parking spaces are available.

o For example, a person may want to go to a popular downtown restaurant with limited parking. They can check parking availability via ParkEZ before leaving to decide whether to park in the parking lot or use other nearby parking.

• Business owners and security operators will have a web portal to sign in and view parking lot availability and any infraction instances that are liable for tow removal.

o For example, a local Thrift Store owner with free parking may notice that a car has been parked in the parking lot for over 24 hours. He will see this on his web portal and know to call the towing company or issue a warning.

• Advertising users will have a simple portal where they can upload advertisements (images matching specifications and URLs they go to), select frequency and time length of ads and select which parking locations their ads will appear in.

o You may have a small restaurant outside of a mall with a parking garage. Paying for advertising on the ParkEZ app may help more customers parking in the mall find your restaurant.

What is the main system use scenarios for the Internal Users?

• Customer support team members will have an administrative portal where information is available about all the parking lots being monitored.

o A customer support team member may need this feature if a business says the system isn’t working correctly registering a parking space. The internal user can login and confirm if the customers bug is a technical issue that needs addressing.

• Customer support team members will be able to query all available information in order to assist law enforcement if required.

o Law enforcement calls to ask if a stolen cars’ license plate has been seen in the records.

• Internal users will have a simple dashboard interface where they can see metrics about how different advertisements are performing, total income from advertisements, and what advertisements are currently approved for what timeslots

External Interfaces (data feeds) Does the system exchange data with external systems?

Yes, in case of any accidents or emergency data is shared with police and first responders.

Feed from cameras in parking lots.

Revenue generation, Revenue streams Monthly Subscription Premium, Advertisement Fees

Key Partners/Suppliers

(Stakeholders) Development Team, parking lot operators, investors, customers who bought advertisements, police and security

Expected Benefits to the Customer 1) Maximize business revenue.

2) Minimize crime or illegal parking.

3) Ease burden on security operators/property management overseeing parking use through security camera monitoring.

Known Prototypes Reference some known portals on the Internet that are similar to your business case. You will use these prototypes for developing business, user requirements.

• parquery.com

• parkingdetection.com

ChatGPT: Here's the Advertiser Dashboard based on the provided Parking Lot Operator Dashboard:javascriptCopy codeimport React, { useState, useEffect } from "react";

import { useNavigate, Link, useLocation } from 'react-router-dom';

import jwt\_decode from "jwt-decode";

import styled from 'styled-components';

import heroImage from '../images/advertiserdashboardhero.jpg';

import AdStats from './AdStats';

const HomeContainer = styled.div`

background-color: black;

align-items: center;

justify-content: center;

height: 100%;

`;

const AdContainer = styled.div`

background-color: white;

margin-left: auto;

margin-right: auto;

width: 80%;

color: black;

padding-left:3em;

padding-right:3em;

text-align: center;

margin-bottom: 2em;

padding-bottom: 2em;

`;

const Footer = styled.footer`

background-color: black;

color: white;

padding: 2rem;

display: flex;

flex-direction: column;

align-items: center;

justify-content: center;

`;

const FooterItem = styled.p`

margin: 0.2rem;

`;

const SubHeading = styled.h2`

margin-left: auto;

margin-right: auto;

padding-top: 2rem;

font-size: 2rem;

width: fit-content;

color: black;

`;

const MyTable = styled.table`

margin-left: auto;

margin-right: auto;

width: fit-content;

`;

const HeroImage = styled.div`

margin-top: 2.2em;

width: 100%;

background-image: url(${heroImage});

background-position-y: top;

background-size: cover;

background-color: black;

display: flex;

justify-content: center;

align-items: center;

display: inline-block;

font-size: 1.5rem;

margin-bottom: 0rem;

`;

const AdvertiserDashboard = () => {

const [user, setUser] = useState(null);

const location = useLocation();

useEffect(() => {

const token = localStorage.getItem("token");

const decodedToken = jwt\_decode(token);

setUser(decodedToken);

}, [location]);

return (

<HomeContainer>

<HeroImage>

<AdContainer>

{user ? (

<>

<SubHeading>Welcome back, {user.data.first\_name}</SubHeading>

</>

) : (

<SubHeading>Welcome back</SubHeading>

)}

<p>Current Ads and Parking Pages</p>

<AdStats />

<p>Ad Performance Statistics</p>

<MyTable>

<tr>

<td>Total Impressions</td>

<td>8,437</td>

</tr>

<tr>

<td>Click-through Rate</td>

<td>2.7%</td>

</tr>

<tr>

<td>Conversions</td>

<td>29</td>

</tr>

<tr>

<td>Average Ad Spend</td>

<td>$450</td>

</tr>

<tr>

<td>Cost per Click</td>

<td>$1.20</td>

</tr>

<tr>

<td>Cost per Conversion</td>

<td>$15.52</td>

</tr>

<tr>

<td>Return on Ad Spend</td>

<td>240%</td>

</tr>

</MyTable>

</Ad

Human: Can you finish the above reply?

ChatGPT: Certainly, here's the AdvertiserDashboard component based on the given OperatorDashboard and the business case:javascriptCopy codeimport React, { useState, useEffect } from "react";

import styled from 'styled-components';

import heroImage from '../images/advertisordbhero.jpg';

const HomeContainer = styled.div`

background-color: black;

align-items: center;

justify-content: center;

height: 100%;

`;

const AdContainer = styled.div`

background-color: white;

margin-left: auto;

margin-right: auto;

width: 80%;

color: black;

padding-left:3em;

padding-right:3em;

text-align: center;

margin-bottom: 2em;

padding-bottom: 2em;

`;

const Footer = styled.footer`

background-color: black;

color: white;

padding: 2rem;

display: flex;

flex-direction: column;

align-items: center;

justify-content: center;

`;

const FooterItem = styled.p`

margin: 0.2rem;

`;

const SubHeading = styled.h2`

margin-left: auto;

margin-right: auto;

padding-top: 2rem;

font-size: 2rem;

width: fit-content;

color: black;

`;

const MyTable = styled.table`

margin-left: auto;

margin-right: auto;

width: fit-content;

`;

const HeroImage = styled.div`

margin-top: 2.2em;

width: 100%;

background-image: url(${heroImage});

background-position-y: top;

background-size: cover;

background-color: black;

display: flex;

justify-content: center;

align-items: center;

display: inline-block;

font-size: 1.5rem;

margin-bottom: 0rem;

`;

const AdvertiserDashboard = () => {

const [user, setUser] = useState(null);

useEffect(() => {

// Retrieve user information, e.g., from a token, API, or localStorage

// setUser(...);

}, []);

return (

<HomeContainer>

<HeroImage>

<AdContainer>

{user ? (

<>

<SubHeading>Welcome back, {user.data.first\_name}</SubHeading>

</>

) : (

<SubHeading>Welcome back</SubHeading>

)}

<p>Advertisement Performance</p>

<MyTable>

<tr>

<td>Active Ads</td>

<td>5</td>

</tr>

<tr>

<td>Total Clicks Today</td>

<td>245</td>

</tr>

<tr>

<td>Average Clicks per Ad</td>

<td>49</td>

</tr>

<tr>

<td>CTR</td>

<td>2.1%</td>

</tr>

<tr>

<td>Past 7-Day Average CTR</td>

<td>2.3%, 2.1%, 1.9%, 2.0%, 2.2%, 2.4%, 2.0%</td>

</tr>

<tr>

<td>Ad Spend</td>

<td>$1,500</td>

</tr>

<tr>

<td>Cost per Click</td>

<td>$0.24</td>

</tr>

</MyTable>

</AdContainer>

</HeroImage>

<Footer>

<FooterItem>ParkEz Inc.</Footer

Human: Can you make 3 ads with place holder images and text for each ad and have states for each ad. It should go above Advertisement Performance

ChatGPT: Sure, here's the AdvertiserDashboard component with 3 ads containing placeholder images and text. I've also added the useState hook for managing the state of each ad:javascriptCopy codeimport React, { useState, useEffect } from "react";

import styled from 'styled-components';

import heroImage from '../images/advertisordbhero.jpg';

import placeholderImage1 from '../images/placeholder1.jpg';

import placeholderImage2 from '../images/placeholder2.jpg';

import placeholderImage3 from '../images/placeholder3.jpg';

// ... (The same styled components as before)

const AdCard = styled.div`

background-color: white;

border: 1px solid #ccc;

border-radius: 5px;

display: inline-block;

margin: 1rem;

padding: 1rem;

text-align: center;

width: 280px;

`;

const AdImage = styled.img`

width: 100%;

height: auto;

`;

const AdvertiserDashboard = () => {

const [user, setUser] = useState(null);

const [ad1, setAd1] = useState({

imageUrl: placeholderImage1,

title: "Ad Title 1",

description: "Ad Description 1"

});

const [ad2, setAd2] = useState({

imageUrl: placeholderImage2,

title: "Ad Title 2",

description: "Ad Description 2"

});

const [ad3, setAd3] = useState({

imageUrl: placeholderImage3,

title: "Ad Title 3",

description: "Ad Description 3"

});

useEffect(() => {

// Retrieve user information, e.g., from a token, API, or localStorage

// setUser(...);

}, []);

return (

<HomeContainer>

<HeroImage>

<AdContainer>

<div>

<AdCard>

<AdImage src={ad1.imageUrl} alt={ad1.title} />

<h3>{ad1.title}</h3>

<p>{ad1.description}</p>

</AdCard>

<AdCard>

<AdImage src={ad2.imageUrl} alt={ad2.title} />

<h3>{ad2.title}</h3>

<p>{ad2.description}</p>

</AdCard>

<AdCard>

<AdImage src={ad3.imageUrl} alt={ad3.title} />

<h3>{ad3.title}</h3>

<p>{ad3.description}</p>

</AdCard>

</div>

{/\* The rest of the component remains the same \*/}

</AdContainer>

</HeroImage>

{/\* ... \*/}

</HomeContainer>

);

};

export default AdvertiserDashboard;

Don't forget to add the placeholder images in your images folder and import them correctly. This code will display three ads with placeholder images and text above the "Advertisement Performance" section. The state for each ad is managed using the useState hook.

Human: What can a business called High Heads, run by a someone named Jolly Giraffe, do? What are some short examples of businesses it can be?

ChatGPT: "High Heads" is a unique and interesting business name, and it can represent a variety of businesses run by Jolly Giraffe. Here are some short examples of businesses that could use this name:Hat Store: High Heads could be a specialty hat store that sells a wide variety of hats, caps, and headwear for people with different tastes and preferences.Hair Salon: High Heads could be a hair salon that offers unique and trendy haircuts, styles, and hair treatments for customers looking to make a statement with their hairstyle.Virtual Reality Arcade: High Heads could be a virtual reality (VR) arcade, where customers can enjoy an immersive experience with state-of-the-art VR headsets and games.Headphone Store: High Heads could be a retail store selling high-quality headphones, earphones, and audio accessories, providing customers with an excellent listening experience.Party Supplies Store: High Heads could be a party supplies store that specializes in selling unique, fun, and themed party decorations, including balloons, streamers, tableware, and more.Tutoring Center: High Heads could be a tutoring center that helps students reach their full potential by offering personalized tutoring services and educational resources.Yoga Studio: High Heads could be a yoga studio that focuses on headstand, inversion, and balance-focused practices, helping students improve their flexibility, strength, and mindfulness.Remember that the possibilities are virtually endless, and the final choice would depend on Jolly Giraffe's interests, skills, and target market.

Human: Imagine High heads is a hat store, write 3 ads I can use in the Advertisor Dashboard you wrote for me and if possible make it funny

ChatGPT: Here are three funny ads for High Heads, a hat store, that you can use in the Advertiser Dashboard:Ad 1:

Title: Top Off Your Look with High Heads!

Image: A person wearing a hat with a giraffe's head sticking out of the top.

Text: Looking for the perfect hat to make a statement? At High Heads, we have hats so unique, you'll feel like a jolly giraffe! Visit our store today and find the perfect headpiece to elevate your style.Ad 2:

Title: Heads up! High Heads Hat Store is here!

Image: A group of people wearing a variety of hats, all with a small giraffe peeking out from the top.

Text: Let your personality shine with a hat from High Heads! From sunhats to snapbacks, our hats are so stylish, even Jolly Giraffe would approve. Stand tall and be proud with a High Heads hat!Ad 3:

Title: Get a-HEAD of Fashion Trends with High Heads!

Image: A quirky hat that resembles a giraffe's head, complete with ears and ossicones.

Text: Are you always on the lookout for the next big thing in fashion? High Heads Hat Store is here to help you stay ahead of the game! With our unique and funny hat designs, you'll be the talk of the town. Come on in, and let's find the perfect hat for you!These ads should be attention-grabbing, engaging, and funny, making potential customers curious about High Heads and what they have to offer.

Human: For the below page, can you add important ad statistics for each of the 3 ads individually, also include statistics for the month, and the last 7 days, for all 3 ads and the aggregate

import React, { useState, useEffect } from "react";

import { useNavigate, Link, useLocation } from 'react-router-dom';

import jwt\_decode from "jwt-decode";

import styled from 'styled-components';

import heroImage from '../images/advertiserdbhero.jpg';

import placeholderImage1 from '../images/ad1-jg.jpg';

import placeholderImage2 from '../images/ad2-jg.jpg';

import placeholderImage3 from '../images/ad3-jg.jpg';

const AdCard = styled.div`

background-color: white;

border: 1px solid #ccc;

border-radius: 5px;

display: inline-block;

margin: 1rem;

padding: 1rem;

text-align: center;

width: 280px;

`;

const AdImage = styled.img`

width: 100%;

height: auto;

`;

const HomeContainer = styled.div`

background-color: black;

align-items: center;

justify-content: center;

height: 100%;

`;

const AdContainer = styled.div`

background-color: white;

margin-left: auto;

margin-right: auto;

width: 80%;

color: black;

padding-left:3em;

padding-right:3em;

text-align: center;

margin-bottom: 2em;

padding-bottom: 2em;

`;

const Footer = styled.footer`

background-color: black;

color: white;

padding: 2rem;

display: flex;

flex-direction: column;

align-items: center;

justify-content: center;

`;

const FooterItem = styled.p`

margin: 0.2rem;

`;

const SubHeading = styled.h2`

margin-left: auto;

margin-right: auto;

padding-top: 2rem;

font-size: 2rem;

width: fit-content;

color: black;

`;

const MyTable = styled.table`

margin-left: auto;

margin-right: auto;

width: fit-content;

`;

const HeroImage = styled.div`

margin-top: 2.2em;

width: 100%;

background-image: url(${heroImage});

background-position-y: top;

background-size: cover;

background-color: black;

display: flex;

justify-content: center;

align-items: center;

display: inline-block;

font-size: 1.5rem;

margin-bottom: 0rem;

`;

const AdvertiserDashboard = () => {

const [user, setUser] = useState(null);

const location = useLocation();

const [ad1, setAd1] = useState({

imageUrl: placeholderImage1,

title: "Top Off Your Look with High Heads!",

description: "Looking for the perfect hat to make a statement? At High Heads, we have hats so unique, you'll feel like a jolly giraffe! Visit our store today and find the perfect headpiece to elevate your style."

});

const [ad2, setAd2] = useState({

imageUrl: placeholderImage2,

title: "Heads up! High Heads Hat Store is here!",

description: "Let your personality shine with a hat from High Heads! From sunhats to snapbacks, our hats are so stylish, even Jolly Giraffe would approve. Stand tall and be proud with a High Heads hat!"

});

const [ad3, setAd3] = useState({

imageUrl: placeholderImage3,

title: "Get a-HEAD of Fashion Trends with High Heads!",

description: "Are you always on the lookout for the next big thing in fashion? High Heads Hat Store is here to help you stay ahead of the game! With our unique and funny hat designs, you'll be the talk of the town."

});

useEffect(() => {

const token = localStorage.getItem("token");

const decodedToken = jwt\_decode(token);

setUser(decodedToken);

}, [location]);

return (

<HomeContainer>

<HeroImage>

<AdContainer>

{user ? (

<>

<SubHeading>Welcome back, {user.data.first\_name}</SubHeading>

</>

) : (

<SubHeading>Welcome back</SubHeading>

)}

<p>Current Ads and Parking Pages</p>

<div>

<AdCard>

<AdImage src={ad1.imageUrl} alt={ad1.title} />

<h3>{ad1.title}</h3>

<p>{ad1.description}</p>

</AdCard>

<AdCard>

<AdImage src={ad2.imageUrl} alt={ad2.title} />

<h3>{ad2.title}</h3>

<p>{ad2.description}</p>

</AdCard>

<AdCard>

<AdImage src={ad3.imageUrl} alt={ad3.title} />

<h3>{ad3.title}</h3>

<p>{ad3.description}</p>

</AdCard>

</div>

<p>Ad Performance Statistics</p>

<MyTable>

<tr>

<td>Total Impressions</td>

<td>8,437</td>

</tr>

<tr>

<td>Click-through Rate</td>

<td>2.7%</td>

</tr>

<tr>

<td>Conversions</td>

<td>29</td>

</tr>

<tr>

<td>Average Ad Spend</td>

<td>$450</td>

</tr>

<tr>

<td>Cost per Click</td>

<td>$1.20</td>

</tr>

<tr>

<td>Cost per Conversion</td>

<td>$15.52</td>

</tr>

</MyTable>

</AdContainer>

</HeroImage>

<Footer>

<FooterItem>ParkEz Inc.</FooterItem>

<FooterItem>1234 Park Street, Suite 567</FooterItem>

<FooterItem>Stamford, CT 06902</FooterItem>

<FooterItem>Phone: (203) 123-4567</FooterItem>

<FooterItem>Email: support@parkez.ai</FooterItem>

</Footer>

</HomeContainer>

);

};

export default AdvertiserDashboard;

ChatGPT: Here's the updated code with ad statistics for each of the 3 ads individually, along with aggregate statistics for the last 7 days and the month:javascriptCopy codeimport React, { useState, useEffect } from "react";

import { useNavigate, Link, useLocation } from 'react-router-dom';

import jwt\_decode from "jwt-decode";

import styled from 'styled-components';

import heroImage from '../images/advertiserdbhero.jpg';

import placeholderImage1 from '../images/ad1-jg.jpg';

import placeholderImage2 from '../images/ad2-jg.jpg';

import placeholderImage3 from '../images/ad3-jg.jpg';

const AdCard = styled.div`

background-color: white;

border: 1px solid #ccc;

border-radius: 5px;

display: inline-block;

margin: 1rem;

padding: 1rem;

text-align: center;

width: 280px;

`;

const AdImage = styled.img`

width: 100%;

height: auto;

`;

const HomeContainer = styled.div`

background-color: black;

align-items: center;

justify-content: center;

height: 100%;

`;

const AdContainer = styled.div`

background-color: white;

margin-left: auto;

margin-right: auto;

width: 80%;

color: black;

padding-left:3em;

padding-right:3em;

text-align: center;

margin-bottom: 2em;

padding-bottom: 2em;

`;

const Footer = styled.footer`

background-color: black;

color: white;

padding: 2rem;

display: flex;

flex-direction: column;

align-items: center;

justify-content: center;

`;

const FooterItem = styled.p`

margin: 0.2rem;

`;

const SubHeading = styled.h2`

margin-left: auto;

margin-right: auto;

padding-top: 2rem;

font-size: 2rem;

width: fit-content;

color: black;

`;

const MyTable = styled.table`

margin-left: auto;

margin-right: auto;

width: fit-content;

`;

const HeroImage = styled.div`

margin-top: 2.2em;

width: 100%;

background-image: url(${heroImage});

background-position-y: top;

background-size: cover;

background-color: black;

display: flex;

justify-content: center;

align-items: center;

display: inline-block;

font-size: 1.5rem;

margin-bottom: 0rem;

`;

const AdvertiserDashboard = () => {

const [user, setUser] = useState(null);

const location = useLocation();

const [ad1, setAd1] = useState({

imageUrl: placeholderImage1,

title: "Top Off Your Look with High Heads!",

description: "Looking for the perfect hat to make a statement? At High Heads, we have hats so unique, you'll feel like a jolly giraffe! Visit our store today and find the perfect headpiece to elevate your style.",

impressions: 3000,

clicks: 80,

conversions: 12,

spend: 150,

last7Days: { impressions: 1200, clicks: 35, conversions: 5, spend: 60 },

thisMonth: { impressions: 2500, clicks: 68, conversions: 10, spend: 130 },

});

const [ad2, setAd2] = useState({

imageUrl: placeholderImage2,

title: "Heads up! High Heads

Human: Can you finish the above response?

ChatGPT: Certainly! Here's the completed code with ad statistics for each of the 3 ads individually, along with aggregate statistics for the last 7 days and the month:javascriptCopy codeimport React, { useState, useEffect } from "react";

import { useNavigate, Link, useLocation } from 'react-router-dom';

import jwt\_decode from "jwt-decode";

import styled from 'styled-components';

import heroImage from '../images/advertiserdbhero.jpg';

import placeholderImage1 from '../images/ad1-jg.jpg';

import placeholderImage2 from '../images/ad2-jg.jpg';

import placeholderImage3 from '../images/ad3-jg.jpg';

const AdCard = styled.div`

background-color: white;

border: 1px solid #ccc;

border-radius: 5px;

display: inline-block;

margin: 1rem;

padding: 1rem;

text-align: center;

width: 280px;

`;

const AdImage = styled.img`

width: 100%;

height: auto;

`;

const HomeContainer = styled.div`

background-color: black;

align-items: center;

justify-content: center;

height: 100%;

`;

const AdContainer = styled.div`

background-color: white;

margin-left: auto;

margin-right: auto;

width: 80%;

color: black;

padding-left:3em;

padding-right:3em;

text-align: center;

margin-bottom: 2em;

padding-bottom: 2em;

`;

const Footer = styled.footer`

background-color: black;

color: white;

padding: 2rem;

display: flex;

flex-direction: column;

align-items: center;

justify-content: center;

`;

const FooterItem = styled.p`

margin: 0.2rem;

`;

const SubHeading = styled.h2`

margin-left: auto;

margin-right: auto;

padding-top: 2rem;

font-size: 2rem;

width: fit-content;

color: black;

`;

const MyTable = styled.table`

margin-left: auto;

margin-right: auto;

width: fit-content;

`;

const HeroImage = styled.div`

margin-top: 2.2em;

width: 100%;

background-image: url(${heroImage});

background-position-y: top;

background-size: cover;

background-color: black;

display: flex;

justify-content: center;

align-items: center;

display: inline-block;

font-size: 1.5rem;

margin-bottom: 0rem;

`;

const AdvertiserDashboard = () => {

const [user, setUser] = useState(null);

const location = useLocation();

const [ad1, setAd1] = useState({

imageUrl: placeholderImage1,

title: "Top Off Your Look with High Heads!",

description: "Looking for the perfect hat to make a statement? At High Heads, we have hats so unique, you'll feel like a jolly giraffe! Visit our store today and find the perfect headpiece to elevate your style.",

impressions: 3000,

clicks: 80,

conversions: 12,

spend: 150,

last7Days: { impressions: 1200, clicks: 35, conversions: 5, spend: 60 },

thisMonth: { impressions: 2500, clicks: 68, conversions: 10, spend: 130 },

});

const [ad2, setAd2] = useState({

imageUrl: placeholderImage2,

title: "Heads up!

Human: Can you continue the last response, but starting at const [ad1, setAd1] = useState({

ChatGPT: Sure! Here's the continuation of the code, starting at const [ad1, setAd1]:javascriptCopy codeconst [ad1, setAd1] = useState({

imageUrl: placeholderImage1,

title: "Top Off Your Look with High Heads!",

description: "Looking for the perfect hat to make a statement? At High Heads, we have hats so unique, you'll feel like a jolly giraffe! Visit our store today and find the perfect headpiece to elevate your style.",

impressions: 3000,

clicks: 80,

conversions: 12,

spend: 150,

last7Days: { impressions: 1200, clicks: 35, conversions: 5, spend: 60 },

thisMonth: { impressions: 2500, clicks: 68, conversions: 10, spend: 130 },

});

const [ad2, setAd2] = useState({

imageUrl: placeholderImage2,

title: "Heads up! High Heads Hat Store is here!",

description: "Let your personality shine with a hat from High Heads! From sunhats to snapbacks, our hats are so stylish, even Jolly Giraffe would approve. Stand tall and be proud with a High Heads hat!",

impressions: 4000,

clicks: 100,

conversions: 14,

spend: 200,

last7Days: { impressions: 1300, clicks: 40, conversions: 6, spend: 70 },

thisMonth: { impressions: 3500, clicks: 90, conversions: 12, spend: 180 },

});

const [ad3, setAd3] = useState({

imageUrl: placeholderImage3,

title: "Get a-HEAD of Fashion Trends with High Heads!",

description: "Are you always on the lookout for the next big thing in fashion? High Heads Hat Store is here to help you stay ahead of the game! With our unique and funny hat designs, you'll be the talk of the town.",

impressions: 3500,

clicks: 75,

conversions: 15,

spend: 175,

last7Days: { impressions: 1100, clicks: 25, conversions: 7, spend: 55 },

thisMonth: { impressions: 3000, clicks: 65, conversions: 13, spend: 155 },

});

With this code, I've added individual ad statistics for each of the three ads, including impressions, clicks, conversions, and spend. Additionally, I've included statistics for the last 7 days and the current month for each ad.

Human: Great can you modify the below code of the cards to include the above information :

<p>Current Ads and Parking Pages</p>

<div>

<AdCard>

<AdImage src={ad1.imageUrl} alt={ad1.title} />

<h3>{ad1.title}</h3>

<p>{ad1.description}</p>

</AdCard>

<AdCard>

<AdImage src={ad2.imageUrl} alt={ad2.title} />

<h3>{ad2.title}</h3>

<p>{ad2.description}</p>

</AdCard>

<AdCard>

<AdImage src={ad3.imageUrl} alt={ad3.title} />

<h3>{ad3.title}</h3>

<p>{ad3.description}</p>

</AdCard>

</div>

ChatGPT: I've modified the code for the cards to include the ad statistics you provided:jsxCopy code<p>Current Ads and Parking Pages</p>

<div>

<AdCard>

<AdImage src={ad1.imageUrl} alt={ad1.title} />

<h3>{ad1.title}</h3>

<p>{ad1.description}</p>

<p>Impressions: {ad1.impressions}</p>

<p>Clicks: {ad1.clicks}</p>

<p>Conversions: {ad1.conversions}</p>

<p>Ad Spend: ${ad1.spend}</p>

<p>Last 7 Days: {ad1.last7Days.impressions} Impressions, {ad1.last7Days.clicks} Clicks, {ad1.last7Days.conversions} Conversions, ${ad1.last7Days.spend} Spend</p>

<p>This Month: {ad1.thisMonth.impressions} Impressions, {ad1.thisMonth.clicks} Clicks, {ad1.thisMonth.conversions} Conversions, ${ad1.thisMonth.spend} Spend</p>

</AdCard>

<AdCard>

<AdImage src={ad2.imageUrl} alt={ad2.title} />

<h3>{ad2.title}</h3>

<p>{ad2.description}</p>

<p>Impressions: {ad2.impressions}</p>

<p>Clicks: {ad2.clicks}</p>

<p>Conversions: {ad2.conversions}</p>

<p>Ad Spend: ${ad2.spend}</p>

<p>Last 7 Days: {ad2.last7Days.impressions} Impressions, {ad2.last7Days.clicks} Clicks, {ad2.last7Days.conversions} Conversions, ${ad2.last7Days.spend} Spend</p>

<p>This Month: {ad2.thisMonth.impressions} Impressions, {ad2.thisMonth.clicks} Clicks, {ad2.thisMonth.conversions} Conversions, ${ad2.thisMonth.spend} Spend</p>

</AdCard>

<AdCard>

<AdImage src={ad3.imageUrl} alt={ad3.title} />

<h3>{ad3.title}</h3>

<p>{ad3.description}</p>

<p>Impressions: {ad3.impressions}</p>

<p>Clicks: {ad3.clicks}</p>

<p>Conversions: {ad3.conversions}</p>

<p>Ad Spend: ${ad3.spend}</p>

<p>Last 7 Days: {ad3.last7Days.impressions} Impressions, {ad3.last7Days.clicks} Clicks, {ad3.last7Days.conversions} Conversions, ${ad3.last7Days.spend} Spend</p>

<p>This Month: {ad3.thisMonth.impressions} Impressions, {ad3.thisMonth.clicks} Clicks, {ad3.thisMonth.conversions} Conversions, ${ad3.thisMonth.spend} Spend</p>

</AdCard>

</div>

With this modification, each ad card now displays the individual statistics, including impressions, clicks, conversions, ad spend, last 7 days data, and this month's data.

Human: Can you make the math add up in the table below for daily, 7 days and this month... include that information and get it from adding up the three ads above:

<MyTable>

<tr>

<td>Total Impressions</td>

<td>8,437</td>

</tr>

<tr>

<td>Click-through Rate</td>

<td>2.7%</td>

</tr>

<tr>

<td>Conversions</td>

<td>29</td>

</tr>

<tr>

<td>Average Ad Spend</td>

<td>$450</td>

</tr>

<tr>

<td>Cost per Click</td>

<td>$1.20</td>

</tr>

<tr>

<td>Cost per Conversion</td>

<td>$15.52</td>

</tr>

</MyTable>

ChatGPT: To make the math add up, I'm going to modify the table to include daily, last 7 days, and this month statistics aggregated from the three ads. Here's the updated table code:jsxCopy code<MyTable>

<tr>

<th></th>

<th>Daily</th>

<th>Last 7 Days</th>

<th>This Month</th>

</tr>

<tr>

<td>Total Impressions</td>

<td>{ad1.daily.impressions + ad2.daily.impressions + ad3.daily.impressions}</td>

<td>{ad1.last7Days.impressions + ad2.last7Days.impressions + ad3.last7Days.impressions}</td>

<td>{ad1.thisMonth.impressions + ad2.thisMonth.impressions + ad3.thisMonth.impressions}</td>

</tr>

<tr>

<td>Click-through Rate</td>

<td>{((ad1.daily.clicks + ad2.daily.clicks + ad3.daily.clicks) / (ad1.daily.impressions + ad2.daily.impressions + ad3.daily.impressions) \* 100).toFixed(1)}%</td>

<td>{((ad1.last7Days.clicks + ad2.last7Days.clicks + ad3.last7Days.clicks) / (ad1.last7Days.impressions + ad2.last7Days.impressions + ad3.last7Days.impressions) \* 100).toFixed(1)}%</td>

<td>{((ad1.thisMonth.clicks + ad2.thisMonth.clicks + ad3.thisMonth.clicks) / (ad1.thisMonth.impressions + ad2.thisMonth.impressions + ad3.thisMonth.impressions) \* 100).toFixed(1)}%</td>

</tr>

<tr>

<td>Conversions</td>

<td>{ad1.daily.conversions + ad2.daily.conversions + ad3.daily.conversions}</td>

<td>{ad1.last7Days.conversions + ad2.last7Days.conversions + ad3.last7Days.conversions}</td>

<td>{ad1.thisMonth.conversions + ad2.thisMonth.conversions + ad3.thisMonth.conversions}</td>

</tr>

<tr>

<td>Ad Spend</td>

<td>${ad1.daily.spend + ad2.daily.spend + ad3.daily.spend}</td>

<td>${ad1.last7Days.spend + ad2.last7Days.spend + ad3.last7Days.spend}</td>

<td>${ad1.thisMonth.spend + ad2.thisMonth.spend + ad3.thisMonth.spend}</td>

</tr>

<tr>

<td>Cost per Click</td>

<td>${((ad1.daily.spend + ad2.daily.spend + ad3.daily.spend) / (ad1.daily.clicks + ad2.daily.clicks + ad3.daily.clicks)).toFixed(2)}</td>

<td>${((ad1.last7Days.spend + ad2.last7Days.spend + ad3.last7Days.spend) / (ad1.last7Days.clicks + ad2.last7Days.clicks + ad3.last7Days.clicks)).toFixed(2)}</td>

<td>${((ad1.thisMonth.spend + ad2.thisMonth.spend + ad3.thisMonth.spend) / (ad1.thisMonth.clicks + ad2.thisMonth.clicks + ad3.thisMonth.clicks)).toFixed(2)}</td>

</tr>

<tr>

<

Human: Can you complete the above post starting at <td>Cost per Click</td>

ChatGPT: Certainly! Here's the completed table code starting from <td>Cost per Click</td>:jsxCopy code <tr>

<td>Cost per Click</td>

<td>${((ad1.daily.spend + ad2.daily.spend + ad3.daily.spend) / (ad1.daily.clicks + ad2.daily.clicks + ad3.daily.clicks)).toFixed(2)}</td>

<td>${((ad1.last7Days.spend + ad2.last7Days.spend + ad3.last7Days.spend) / (ad1.last7Days.clicks + ad2.last7Days.clicks + ad3.last7Days.clicks)).toFixed(2)}</td>

<td>${((ad1.thisMonth.spend + ad2.thisMonth.spend + ad3.thisMonth.spend) / (ad1.thisMonth.clicks + ad2.thisMonth.clicks + ad3.thisMonth.clicks)).toFixed(2)}</td>

</tr>

<tr>

<td>Cost per Conversion</td>

<td>${((ad1.daily.spend + ad2.daily.spend + ad3.daily.spend) / (ad1.daily.conversions + ad2.daily.conversions + ad3.daily.conversions)).toFixed(2)}</td>

<td>${((ad1.last7Days.spend + ad2.last7Days.spend + ad3.last7Days.spend) / (ad1.last7Days.conversions + ad2.last7Days.conversions + ad3.last7Days.conversions)).toFixed(2)}</td>

<td>${((ad1.thisMonth.spend + ad2.thisMonth.spend + ad3.thisMonth.spend) / (ad1.thisMonth.conversions + ad2.thisMonth.conversions + ad3.thisMonth.conversions)).toFixed(2)}</td>

</tr>

</MyTable>

This completes the table with the calculated Cost per Click and Cost per Conversion for each time period (daily, last 7 days, and this month) by aggregating the data from the three ads.

Human: Can you rewrite the table with static numbers?

ChatGPT: Of course! Here's the table with static numbers:jsxCopy code<MyTable>

<tr>

<td>Total Impressions</td>

<td>1,200</td>

<td>6,500</td>

<td>21,000</td>

</tr>

<tr>

<td>Click-through Rate</td>

<td>2.5%</td>

<td>2.8%</td>

<td>3.0%</td>

</tr>

<tr>

<td>Conversions</td>

<td>12</td>

<td>65</td>

<td>210</td>

</tr>

<tr>

<td>Average Ad Spend</td>

<td>$500</td>

<td>$3,000</td>

<td>$10,500</td>

</tr>

<tr>

<td>Cost per Click</td>

<td>$1.25</td>

<td>$1.20</td>

<td>$1.10</td>

</tr>

<tr>

<td>Cost per Conversion</td>

<td>$41.67</td>

<td>$46.15</td>

<td>$50.00</td>

</tr>

</MyTable>

The table now contains static numbers for Total Impressions, Click-through Rate, Conversions, Average Ad Spend, Cost per Click, and Cost per Conversion for each time period (daily, last 7 days, and this month).