

BizReach System Design

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C4 Model Architecture

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DiscoverBusinesses

- Fetch businesses data from the server.
- Display a list of businesses with their names, locations, and details button.
- Open a modal to display detailed information about a selected business.
- Handle the business click event to show the details of the selected business in the modal.

- React
- Chakra UI
- Axios

Gig

- Display the details of a gig, including its price and date.

- React

Login	
<ul style="list-style-type: none"> • Render the login and sign-up form. • Handle user authentication with email/password and Google sign-in. • Save user data to Firestore from signup. • Handle user type selection (business or customer) business info. • Display appropriate forms and messages based on user actions and authentication status. 	<ul style="list-style-type: none"> • Firebase Auth • Firestore • UserContext • Chakra UI

Home	
<ul style="list-style-type: none"> • Rendering the header section of the home page. • Displaying the BizReach logo with heading. 	<ul style="list-style-type: none"> • Home.css

Messages	
<ul style="list-style-type: none"> • Fetching messages related to the user's interactions with gigs from Firestore db. • Display the messages in a formatted list with sender information and message text. • Update Firestore docs when gig offers are accepted or declined. 	<ul style="list-style-type: none"> • Chakra UI • Firestore • UserContext

Navbar	
<ul style="list-style-type: none"> • Displaying navigation links and options based on the user type. • Using the NavLink component to create individual navigation links. 	<ul style="list-style-type: none"> • Chakra UI Components • React-router-dom

Profile	
<ul style="list-style-type: none"> • Display user profile information, including name, contact number, and optional business details. • Allow the user to update and save profile information. • Show the business hours (if the user is a business). 	<ul style="list-style-type: none"> • React • Chakra UI • useContext • Firebase Auth • Firestore

Routing	
<ul style="list-style-type: none"> • Set up the navigation routes for different pages in the application. • Render the appropriate components based on the current URL path. 	<ul style="list-style-type: none"> • React-router-dom • NavBar, Profile, Post, DiscoverPosts, DiscoverBusinesses, Home, MyGigs, MyPosts, MyBusiness, BusinessRegistration, Messages

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UserContext	
<ul style="list-style-type: none"> • Create a context to share user-related data across components within the React application. 	<ul style="list-style-type: none"> • React







