

BizReach System Design

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C4 Model Architecture

- Context Diagram
- Container Diagram
- Component Diagram

My Business	
Services, Clients, Reviews	
<ul style="list-style-type: none"> See various subsections which show Business details like Services, Clients, Reviews 	<ul style="list-style-type: none"> React Chakra UI Reviews Tab Services Tab Axios Client Tab

Services	
My Business	
<ul style="list-style-type: none"> Display services Create Services Edit Services Delete Services 	<ul style="list-style-type: none"> React Chakra UI Axios Service Card

Clients	
My Business	
<ul style="list-style-type: none"> Display Past Clients in order from most recent Client 	<ul style="list-style-type: none"> React Acios Chakara UI

Reviews	
My Business	
<ul style="list-style-type: none"> Display all the Reviews that Clients have left 	<ul style="list-style-type: none"> Chakara UI React Axios

DiscoverBusinesses	
<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • React • Chakra UI • Axios

Gig	
<ul style="list-style-type: none"> • Display the details of a gig, including its price and date. 	<ul style="list-style-type: none"> • 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

Notifications <div>NotificationItem, GigRequestNotificationItem</div>	
<ul style="list-style-type: none"> • View Notifications and react accordingly 	<ul style="list-style-type: none"> • React • Chakra UI • Axios

NotificationItem <div>Notifications</div>	
<ul style="list-style-type: none"> • Notification to Notify Users of Updates 	<ul style="list-style-type: none"> • React • Chakra UI • Axios

GigRequestNotificationItem <div>Notifications</div>	
<ul style="list-style-type: none"> • Notify User that a Business has requested for a gig • Allow User to Message, Decline or Accept Gig 	<ul style="list-style-type: none"> • React • Chakra UI • Axios

<div>Profile</div> <div>Personal Info, Business Info, Support, Privacy Policy</div>	
<ul style="list-style-type: none"> Display all the subsections of a Profile Page Allow Users to go to the profile subsections to view, edit etc 	<ul style="list-style-type: none"> React Chakra UI Axios

<div>Personal Info</div> <div>Profile</div>	
<ul style="list-style-type: none"> Allow Users to see and edit personal info 	<ul style="list-style-type: none"> React Chakra UI Axios

<div>Business Info</div> <div>Profile</div>	
<ul style="list-style-type: none"> Display Business Information Edit Business information 	<ul style="list-style-type: none"> React Chakra UI Axios

<div>Support</div> <div>Profile</div>	
<ul style="list-style-type: none"> Create and send a ticket to ask for support from admins 	<ul style="list-style-type: none"> React Chakra UI Axios

<div>Privacy Policy</div> <div>Profile</div>	
<ul style="list-style-type: none"> View the Applications Privacy Policy 	<ul style="list-style-type: none"> React Axios Chakra UI

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, BusniessRegistration, 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

Review	
<ul style="list-style-type: none"> Create a Review for a Business Add rating Add Review text 	<ul style="list-style-type: none"> React Chakra UI Axios







