

Functional Requirement Document for GoLocal

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1. INTRODUCTION:

The GoLocal is a community-driven web application aimed at simplifying the process of finding and connecting with trusted local service providers. It addresses the common challenge of locating reliable professionals—such as electricians, plumbers, tutors, and more—by allowing users to search based on location, view verified profiles, read community reviews, and make service bookings. The platform promotes transparency, trust, and convenience through features like user ratings, service recommendations, and real-time notifications, while also providing service providers with tools to manage their offerings and engage with potential customers.

1.1 Purpose:

The purpose of this document is to provide the functional requirements for The GoLocal web application. This document will help the audience understand the behavior and functionalities of the application, guiding its development process. It aims to ensure that the application meets user needs, supports local service providers, and aligns with business objectives.

1.2 Intended Audience:

- Development Team
- QA Team
- Business Analyst
- DBA Team

1.3 Source Code Repositories

The following repositories contain the source code for the GoLocal project:

- **Frontend Repository:** <https://github.com/BarnwalKashish/GoLocalFrontEnd.git>
- **Backend Repository:** <https://github.com/BarnwalKashish/GoLocalBackend.git>

These repositories include all the components required for the development and deployment of the GoLocal platform.

2. SYSTEM OVERVIEW

The Location-Based Community Service Provider Platform is a web-based system that enables users to discover, review, and connect with nearby service providers such as electricians,

plumbers, beauticians, Painters, Carpenters, barbers, babysitters, cooks, maids and tutors. It supports multiple user roles, including customers, service providers, and administrators, each with tailored functionalities. Users can search for providers based on location, view detailed profiles, post and read reviews, and make booking requests. Service providers can manage their listings, availability, and respond to customer inquiries. The platform also features an admin dashboard for monitoring activity, handling reports, and ensuring content credibility.

3. FUNCTIONAL REQUIREMENTS

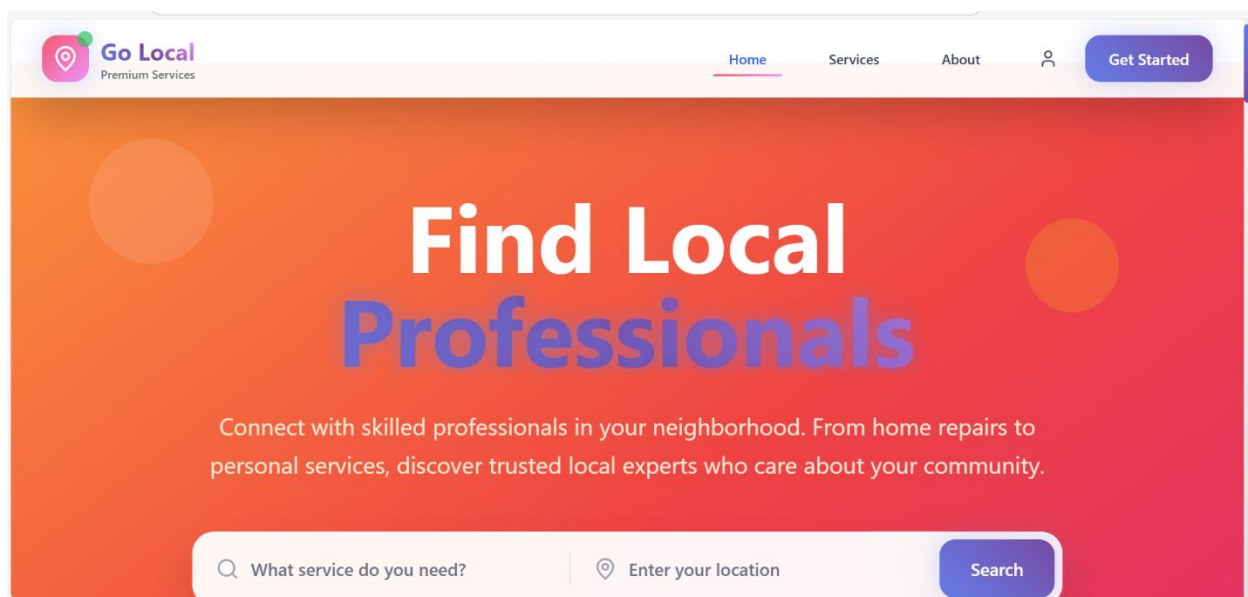


Figure 3.1

3.1 Landing Page:

F3.1.1: Header:

- **Title:** "GoLocal" (displayed as a logo with text "Go Local Premium Services")
- **Navigation Buttons:** "Home", "Services", "About", a person icon (likely for profile/login), and a "Get Started" button.

F3.1.2: Main Content Area:

- **Headline:** "Find Local Professionals"
- **Descriptive Text:** "Connect with skilled professionals in your neighborhood. From home repairs to personal services, discover trusted local experts who care about your community."

- **Search Bar:** Consists of two input fields:
 - "What service do you need?" (placeholder)
 - "Enter your location" (placeholder)
- **Search Button:** A "Search" button to initiate the search.
- **Search Filters/Tabs :** Below the search bar, there are options to filter searches: "ServiceType & Location", "Provider ID", "Location Only".

3.2 Sign-up page for Service Providers:

The screenshot shows the 'Go Local Premium Services' sign-up page for Service Providers. The browser address bar shows 'localhost:5174/signup/provider'. The page has a navigation bar with 'Home', 'Services', 'About', and a 'Get Started' button. A toggle switch at the top allows switching between 'Service Provider' (selected) and 'Customer'. The form fields are arranged in two columns:

- Provider Name:** Input field with placeholder 'Business name'.
- Mobile Number:** Input field with placeholder '10-digit mobile number'.
- Email:** Input field with placeholder 'Email address'.
- Location:** Input field with placeholder 'City or Area'.
- Username:** Input field with placeholder 'Unique username'.
- Profile Photo (Optional):** Includes an 'Upload Photo' button and a note 'PNG, JPG, GIF up to 10MB'.
- Service Category:** Input field with placeholder 'Loading services...'.
- Years of Experience:** Input field with placeholder 'e.g., 3'.

On the right side, there is a badge that says '8K+ Active Providers'. At the bottom of the form, it says 'Join Our Professional Network'.

Figure 3.2

F3.2.1: A user can reach this page by clicking "Sign Up" from the homepage or login screen (e.g., via the "Sign Up as Service Provider" button on the login/signup page shown in fig 3.2).

F3.2.2: At the top of the form, there is a toggle allowing users to switch between:

- "Service Provider" (selected by default on this page)

- "Customer" Users can choose between Service Provider or Customer during registration by toggling this option.

F3.2.3: Form Fields: The form includes the following input fields:

- **Provider Name:** (placeholder: "Business name")
- **Mobile Number:** (placeholder: "10-digit mobile number")
- **Email:** (placeholder: "Email address")
- **Location:** (placeholder: "City or Area")
- **Username:** (placeholder: "Unique username")
- **Profile Photo (Optional):** An "Upload Photo" button with a file type constraint (PNG, JPG, GIF up to 10MB).
- **Service Category:** (placeholder: "Loading services...")
- **Years of Experience:** (placeholder: "e.g. 3")
- **Password:** (placeholder: "Create a strong password")
- **Description**

F3.2.4: Action Button: A "Register as Service Provider" button is placed at the bottom to submit the details.

F3.2.6: Branding: The "Go Local" logo is visible in the top-left corner.

3.3 Sign-up page of Customers:

Go Local Premium Services

Register now to find and book local services from providers & customers

Home Services About

Get Started

Service Provider Customer

Full Name: Your full name

Mobile Number: 10-digit mobile number

Email: Email address

Location: City or Area

Username: Unique username

Profile Photo (Optional): Upload Photo (PNG, JPG, GIF up to 10MB)

Password: Create a strong password

15K+ Happy Customers

Find Trusted Local Help

Figure 3.3

F3.3.1: This is the Sign-Up page specifically designed for customers. Users can reach this screen by clicking a “Sign Up” or “Register” button from the homepage or login screen (e.g., via the "Sign Up as Customer" button on the login/signup page shown in figure 3.3, or by toggling the selection switch from “Service Provider” to “Customer” at the top of the sign-up form.

F3.3.2: A toggle at the top allows switching between Service Provider and Customer registration options. In Figure 3.3, "Customer" is selected.

F3.3.3: Form Fields: The form includes the following input fields:

- **Full Name:** (placeholder: "Your full name")
- **Mobile Number:** (placeholder: "10-digit mobile number")
- **Email:** (placeholder: "Email address")
- **Location:** (placeholder: "City or Area")
- **Username:** (placeholder: "Unique username")
- **Profile Photo (Optional):** An "Upload Photo" button with a file type constraint (PNG, JPG, GIF up to 10MB).
- **Password:** (placeholder: "Create a strong password")

F3.3.4: Action Button: A "Register as Customer" button is placed at the bottom to submit the details.

F3.3.6: Branding: The "Go Local" logo is visible in the top-left corner to maintain branding consistency.

3.4 Login Page:

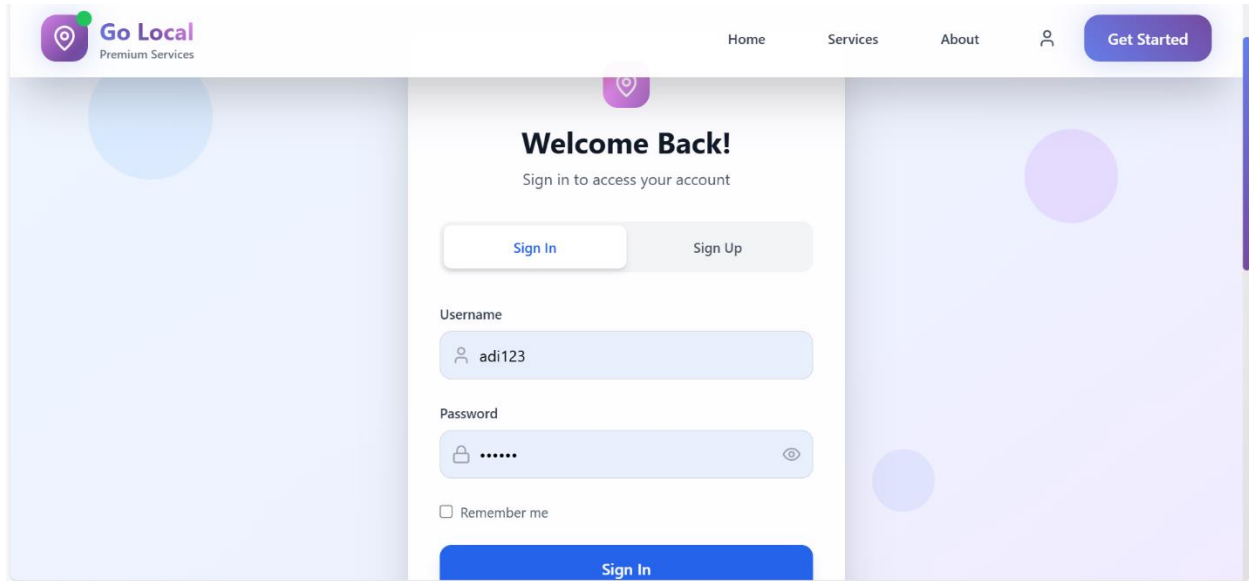


Figure 3.4.1

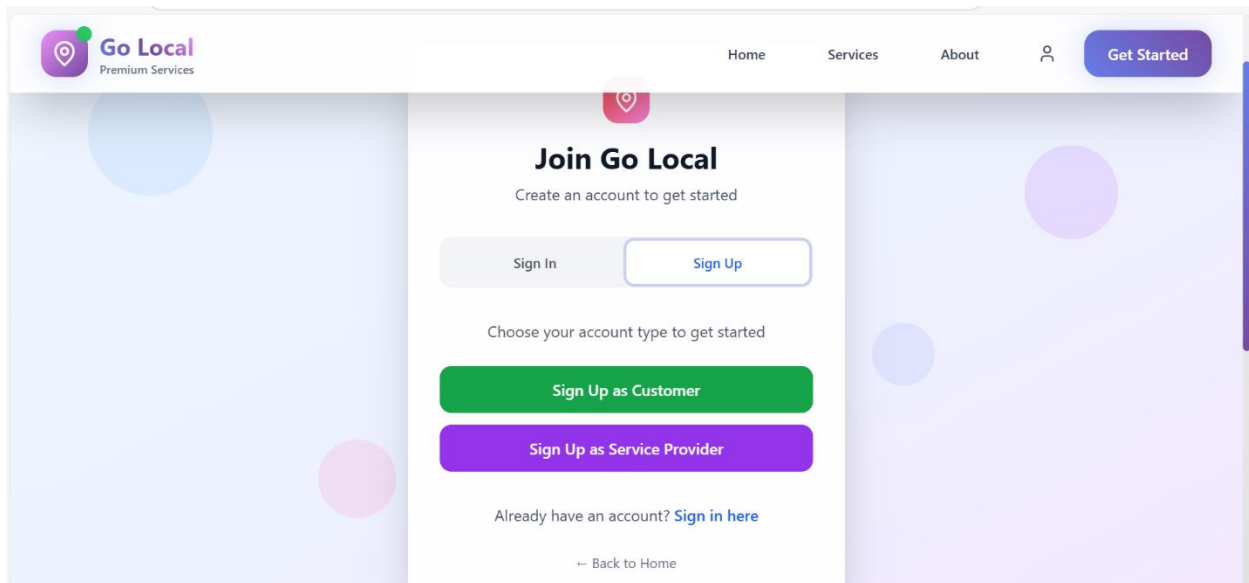


Figure 3.4.2

F3.4.1: Main Title: The main title on the page is "Join Go Local" when the "Sign Up" tab is selected and "Welcome Back!" when the "Sign In" tab is selected.

F3.4.2: Tabbed Interface: There are two main tabs at the top of the central modal: "Sign In" and "Sign Up", allowing users to switch between creating a new account and logging into an existing one.

F3.4.3: "Sign In" Form:

- Input fields labeled "Username" and "Password".
- A "Remember me" checkbox.
- A "Sign In" button.
- **Authentication:** Usernames must be unique for every user. Users should be able to log in when username and password are authenticated successfully.

F3.4.4: "Sign Up" Options :

- When the "Sign Up" tab is selected, instead of input fields, two prominent buttons are displayed:
 - "Sign Up as Customer" (green button)
 - "Sign Up as Service Provider" (purple button)
- Below these buttons, there's a link: "Already have an account? Sign in here".
- A "Back to Home" link is also present at the bottom of the modal.

F3.4.5: Branding: The website's "Go Local" logo is visible in the top-left corner.

3.5 Customer Dashboard After Login:

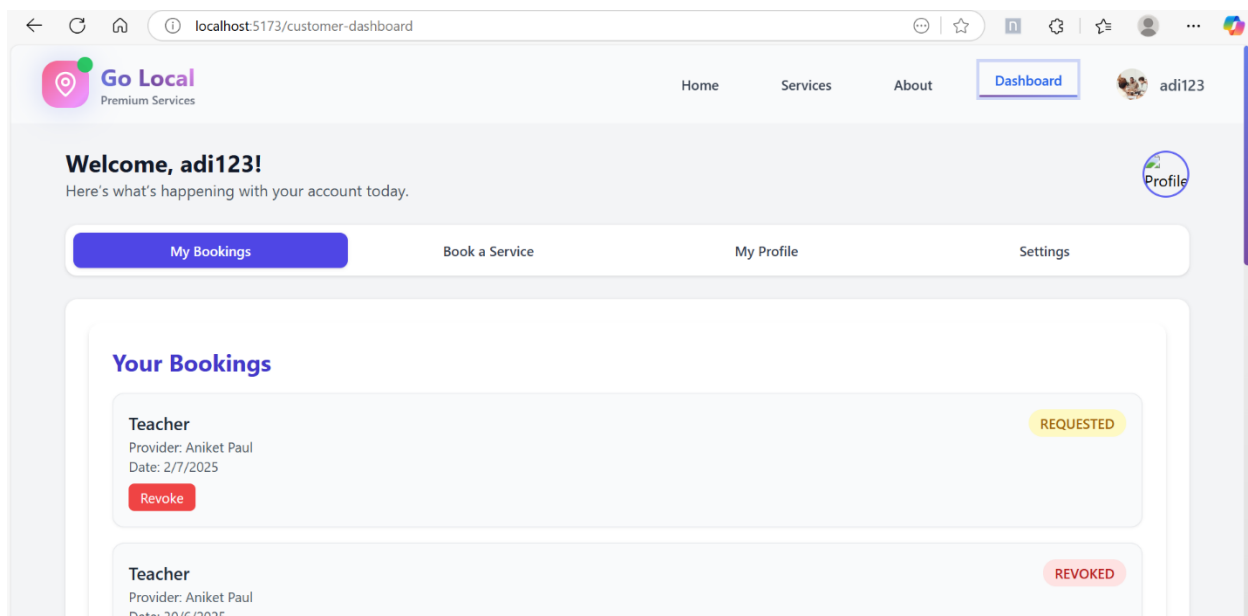


Figure 3.5

F3.5.1: Navigation and Access:

- Upon successful login as a customer, the user is redirected to this Customer Dashboard page (URL: localhost:5173/customer-dashboard).
- The header's navigation includes a "Dashboard" button which is highlighted, indicating the user's current location within the application.

F3.5.2: Header Elements:

- The **"Go Local Premium Services"** logo is present on the top-left.
- Standard navigation links are present: "Home", "Services", "About".
- A **"Dashboard"** link is present and visually distinct (highlighted) when on this page.
- On the top-right, the logged-in username (e.g., "adi123") is displayed next to a profile icon, which likely provides access to a user-specific menu or profile settings.

F3.5.3: Welcome Section:

- A personalized welcome message is prominently displayed: **"Welcome, [Username]!"** (e.g., "Welcome, adi123!").
- A brief introductory line follows: "Here's what's happening with your account today."

F3.5.4: Dashboard Navigation Tabs:

- Below the welcome message, a set of navigation tabs allows the customer to access different sections of their dashboard. These tabs include:
 - **"My Bookings"** (currently active and highlighted in blue/purple).
 - "Book a Service"
 - "My Profile"
 - "Settings"

F3.5.5: "My Bookings" Section (Active View):

- This section is displayed when the "My Bookings" tab is active.
- **Section Title:** "Your Bookings".
- **Booking Cards:** Individual cards represent each booking, providing key information:
 - **Service Type:** (e.g., "Teacher")
 - **Provider Name:** (e.g., "Provider: Aniket Paul")
 - **Date:** The date of the scheduled service (e.g., "Date: 2/7/2025", "Date: 30/6/2025").

- **Status Tag:** A colored tag indicating the booking status (e.g., "REQUESTED" in yellow, "REVOKED" in red).
- **Action Button:** An action button relevant to the booking status (e.g., a "Revoke" button for a "REQUESTED" booking).

F3.5.6: Overall Layout and Design:

- The page features a clean, organized layout with distinct sections for the header, welcome message, dashboard navigation, and booking details.
- The design uses a light background with clear typography and color coding for status indicators and active elements.

3.6 Services Listing Page

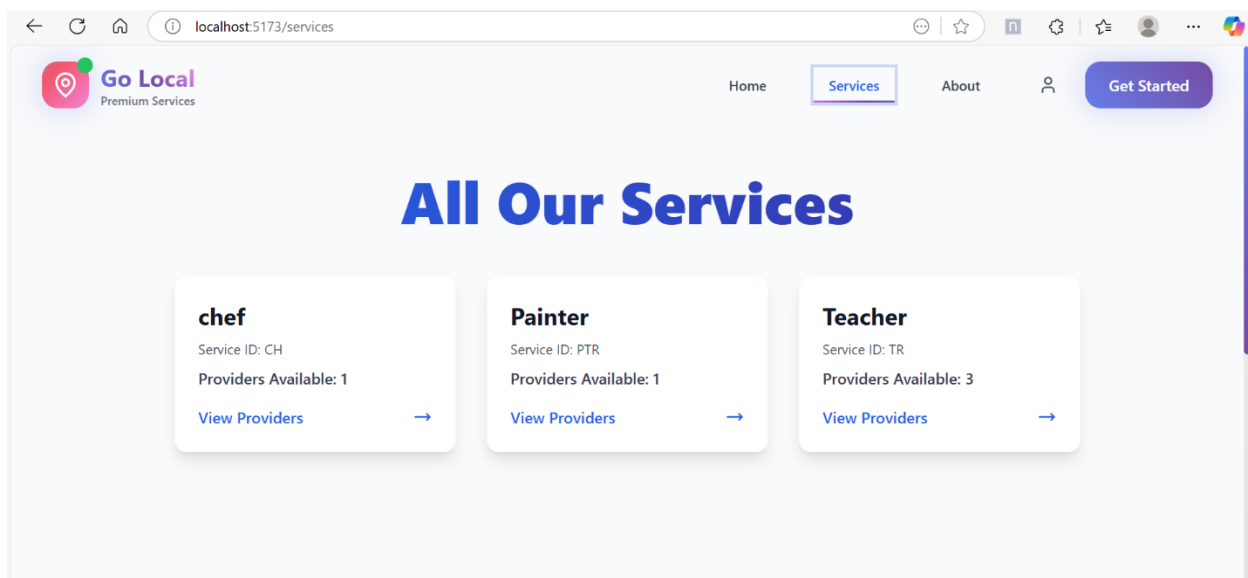


Figure 3.6

F3.6.1: Navigation and Access:

- This page is accessed by clicking on the "Services" link in the main navigation bar in the header.
- The URL for this page is localhost:5173/services.
- The "Services" navigation link in the header is highlighted, indicating the user's current location.

F3.6.2: Header Elements:

- The **"Go Local Premium Services"** logo is present on the top-left.
- Standard navigation links are present: "Home", "Services" (highlighted), "About".
- A person icon (likely for profile/login) and a "Get Started" button are also in the header.

F3.6.3: Page Title:

- The main title displayed centrally on the page is **"All Our Services"**.

F3.6.4: Service Category Cards:

- The page displays a grid of cards, each representing a distinct service category. Each card includes:
 - **Service Category Name:** Prominently displayed (e.g., "Chef", "Painter", "Teacher").
 - **Service ID:** A short identifier for the service (e.g., "Service ID: CH", "Service ID: PTR", "Service ID: TR").
 - **Providers Available:** Indicates the number of service providers currently available for that category (e.g., "Providers Available: 1", "Providers Available: 3").
 - **"View Providers" Link/Button:** A clickable link or button that, when clicked, is expected to navigate the user to a page listing the individual service providers within that specific category. An arrow icon is present next to the text.

F3.6.5: User Interaction:

- Users can browse through the available service categories.
- Clicking "View Providers" for a specific category should lead to a list of professionals offering that service.

3.7 Providers List Page

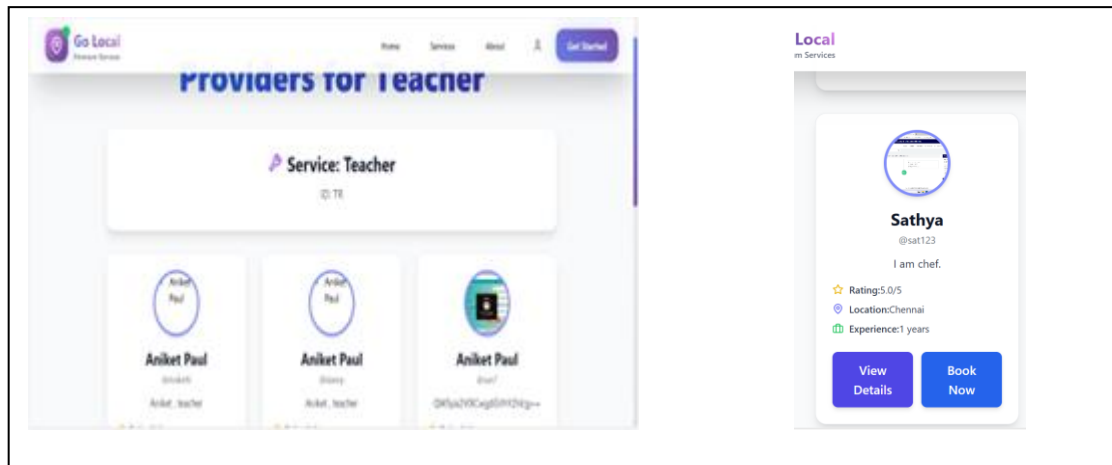


Figure 3.7

F3.7.1: Navigation and Access:

- This page is reached by clicking the "View Providers" button on a specific service category card from the **3.6 Service Categories Page** (e.g., clicking "View Providers" for "Teacher").
- The URL structure is expected to reflect the selected service category (e.g., localhost:5173/providers?category=Teacher).

F3.7.2: Header Elements:

- The **"Go Local Premium Services"** logo is present on the top-left.
- Standard navigation links are present: "Home", "Services", "About".
- A person icon (likely for profile/login) and a "Get Started" button are also in the header.

F3.7.3: Page Title:

- The main title displayed centrally on the page is dynamic, indicating the service category for which providers are listed (e.g., **"Providers for Teacher"**).

F3.7.4: Service Category Overview:

- Below the main title, a card or section provides a summary of the current service category, including:
 - **Service Name:** (e.g., "Service: Teacher")
 - **Service ID:** (e.g., "ID: TR")

F3.7.5: Provider Listing Cards:

- The page displays a grid or list of individual cards, each representing a service provider available for the selected category. Each provider card includes:
 - **Profile Picture:** A circular placeholder for the provider's profile image.
 - **Provider Name:** The name of the service provider (e.g., "Aniket Paul", "Sathya").
 - **Username:** The provider's unique username (e.g., "@Aniket Paul", "@suzi123", "@Aniket6", "@shuvo7").
 - **Short Description/Tagline (Optional):** A brief self-description or role (e.g., "Aniket, teacher", "I am chef.").
 - **Rating:** A rating indicator (e.g., "Rating: No ratings yet", "Rating: 1-0/5").
 - **Location:** The provider's operational location (e.g., "Location:Kolkata", "Location:Chennai").
 - **Experience:** Years of experience in their field (e.g., "Experience:5 years", "Experience:1 years").
 - **Service:** The specific service they offer within the category (e.g., "Service:Teacher").
 - **Action Buttons:**
 - **"View Details":** Navigates to the comprehensive profile page of the selected service provider.
 - **"Book Now":** Initiates the booking process directly for this provider.

F3.7.6: Layout: The layout presents multiple service providers in a visually appealing grid, allowing users to quickly scan and select a provider.

3.8 Selected Service Provider Profile Page

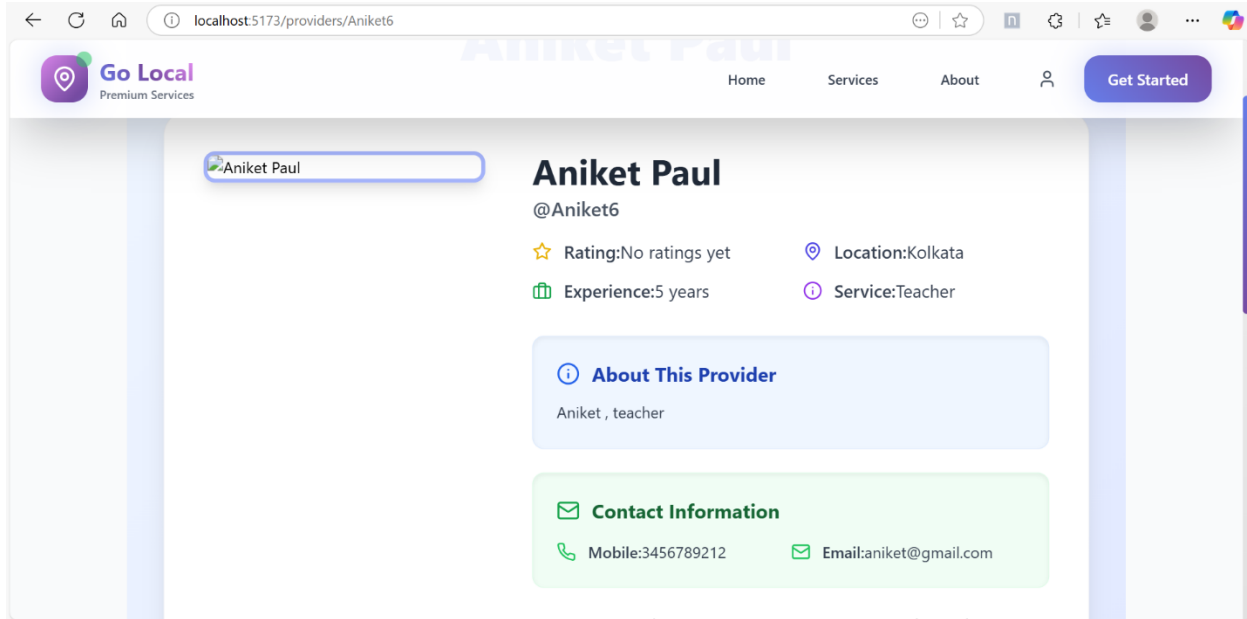


Figure 3.8

F3.8.1: Navigation and Access:

- This page is reached by clicking the "View Details" button on a specific provider's card from the **3.7 Providers List Page**.
- The URL for this page is structured to include the provider's username or ID (e.g., localhost:5173/providers/Aniket6).

F3.8.2: Header Elements:

- The **"Go Local Premium Services"** logo is present on the top-left.
- Standard navigation links are present: "Home", "Services", "About".
- A person icon (likely for profile/login) and a "Get Started" button are also in the header.
- The provider's name (e.g., "Aniket Paul") is prominently displayed near the top-center, along with their username (e.g., "@Aniket6").

F3.8.3: Provider Details Summary:

- Key information about the provider is presented concisely:
 - **Rating:** (e.g., "Rating: No ratings yet")
 - **Location:** (e.g., "Location:Kolkata")
 - **Experience:** (e.g., "Experience:5 years")
 - **Service:** (e.g., "Service:Teacher")

F3.8.4: "About This Provider" Section:

- A dedicated section provides a more detailed self-introduction or description from the provider (e.g., "Aniket, teacher").

F3.8.5: "Contact Information" Section:

- This section clearly displays the provider's contact details:
 - **Mobile Number:** (e.g., "Mobile:3456789212")
 - **Email Address:** (e.g., "Email:aniket@gmail.com")

F3.8.6: Action Button:

- A prominent **"Book Service Now"** button is located at the bottom of the provider's profile, allowing users to initiate a booking request directly from this page.

3.9 Dashboard of Service Provider:

F3.9.1: Navigation and Access:

- Upon successful login as a service provider, the user is redirected to this Provider Dashboard page (URL: localhost:5173/provider-dashboard).
- The header's navigation includes a "Dashboard" button which is highlighted, indicating the service provider's current location within the application.

F3.9.2: Welcome and Overview:

- The page features a main title: **"Provider Dashboard"**.
- A welcome message is displayed, personalized with the provider's username (e.g., "Welcome back Aniket6, manage your services and bookings efficiently.").
- Below the welcome message, the provider's role ("Provider") and a "System Access" link are visible.

F3.9.3: Dashboard Navigation Tabs:

- Below the main welcome area, a set of navigation tabs allows the service provider to access different sections of their dashboard:
 - **"Profile Info"** (This tab is highlighted/active in image_ed85dc.png and image_ed85be.png).
 - **"Booking Requests"** (This tab is highlighted/active in image_ed8586.png).
 - **"Rate Customers"**

F3.9.4: "Profile Info" Tab Content:

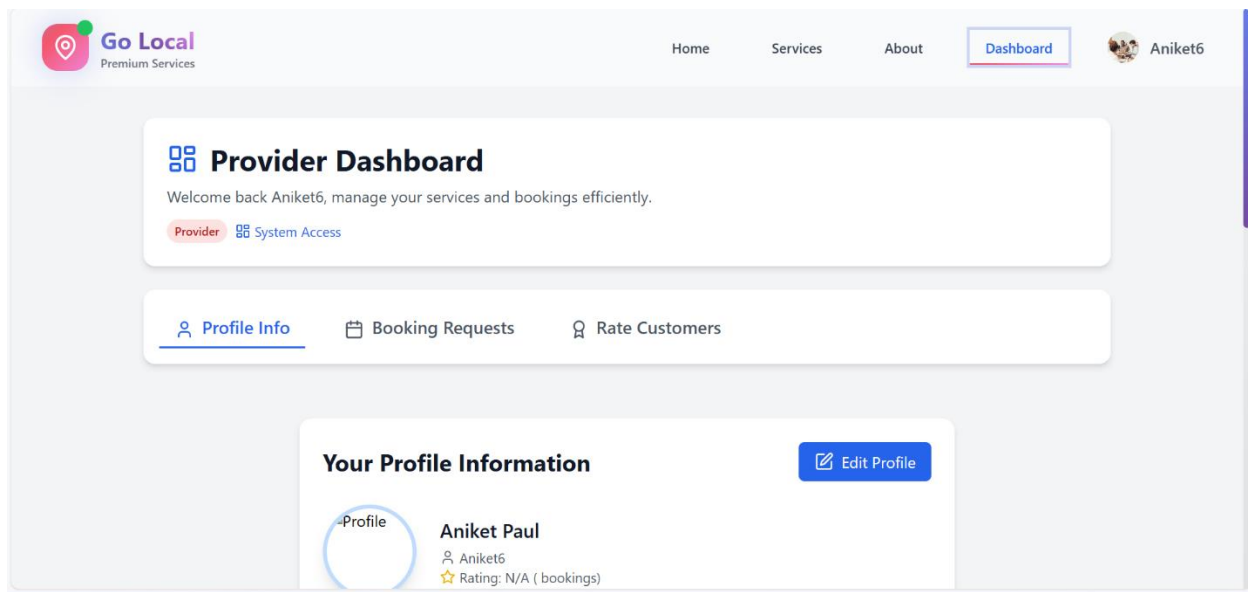


Figure 3.9.1

- **Section Title:** "Your Profile Information".
- **Action Button:** An "Edit Profile" button is available on the top-right of this section, allowing the provider to modify their profile details.
- **Provider Details:**
 - A circular placeholder for the provider's profile picture.
 - Provider Name (e.g., "Aniket Paul").
 - Username (e.g., "@Aniket6").
 - Rating: (e.g., "Rating: N/A (bookings)").
 - **Key Contact and Professional Details:**
 - Location (e.g., "Kolkata").
 - Mobile (e.g., "3456789212").
 - Email (e.g., "aniket@gmail.com").
 - Occupation (e.g., "Teacher").
 - Experience (e.g., "5 years").

- **"About Me" Section:** A brief self-description provided by the service provider (e.g., "Aniket, teacher").

F3.9.5: "Booking Requests" Tab Content (Active View in image_ed8586.png):

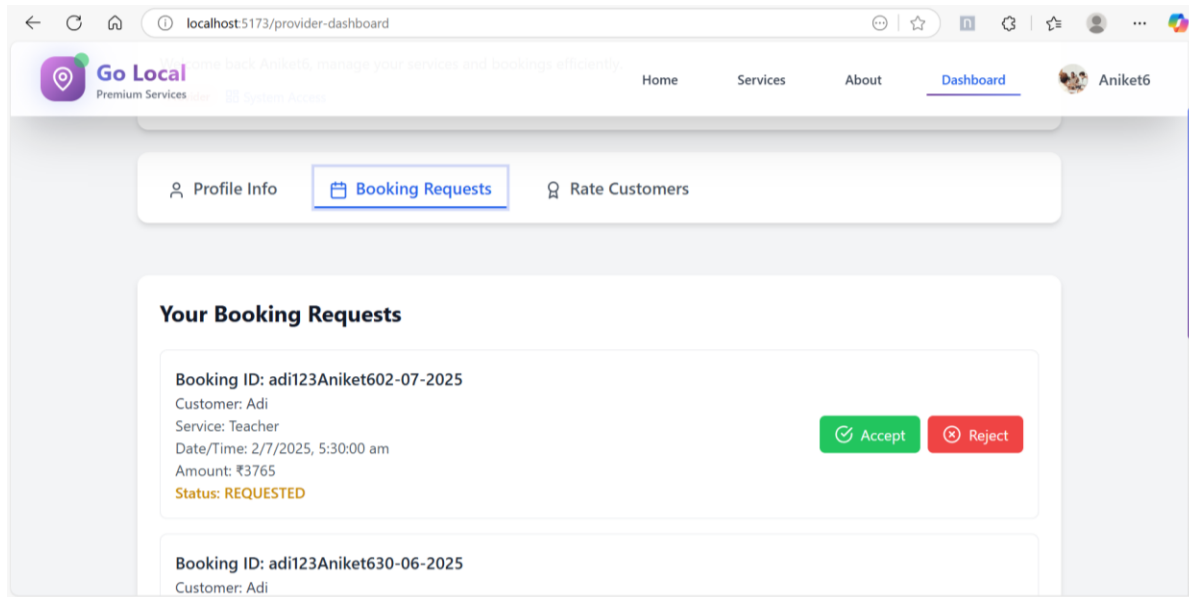


Figure 3.9.2

- **Section Title:** "Your Booking Requests".
- **Booking Request Cards:** Individual cards are displayed for each booking request, providing the following details:
 - **Booking ID:** A unique identifier for the booking (e.g., "Booking ID: adi123Aniket602-07-2025").
 - **Customer Name:** The name of the customer who made the request (e.g., "Customer: Adi").
 - **Service:** The service requested (e.g., "Service: Teacher").
 - **Date/Time:** The requested date and time for the service (e.g., "Date/Time: 2/7/2025, 5:30:00 am").
 - **Amount:** The amount for the service (e.g., "Amount: ₹3765").
 - **Status:** The current status of the booking request (e.g., "Status: REQUESTED").
 - **Action Buttons:**
 - **"Accept":** A green button to confirm the booking.
 - **"Reject":** A red button to decline the booking.

F3.9.6: Header Consistency:

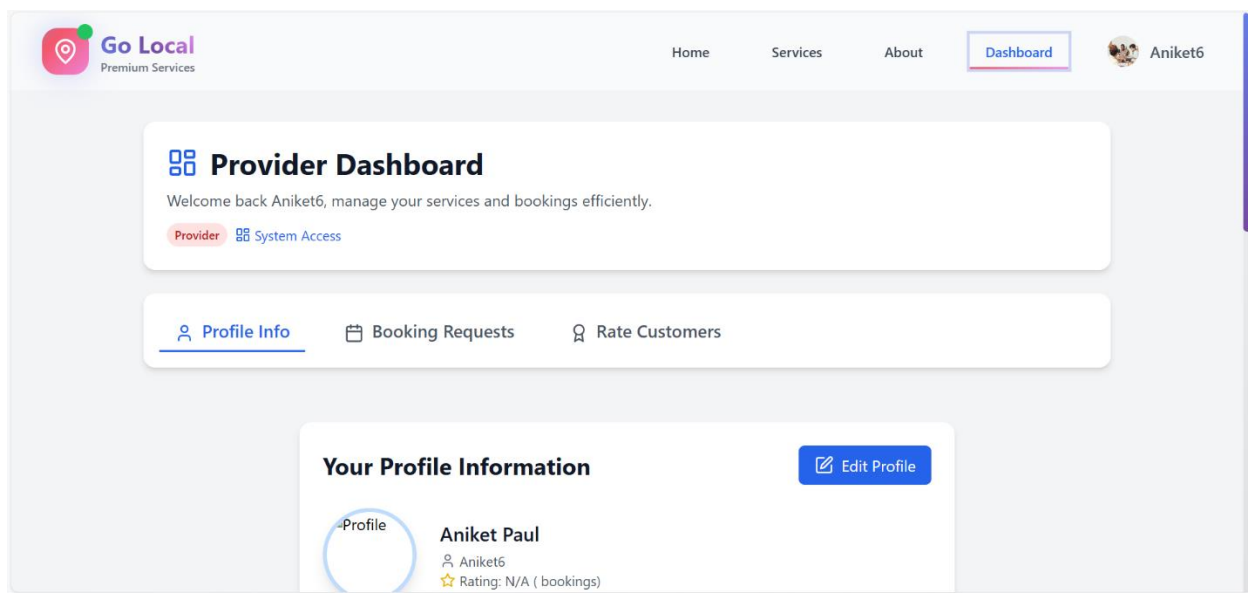


Figure 3.9.3

- At the top, the "GoLocal" logo and standard navigation buttons ("Home", "Services", "About", "Dashboard") are consistently visible for navigation. The provider's username and profile icon are also present on the far right.

3.10 About Page

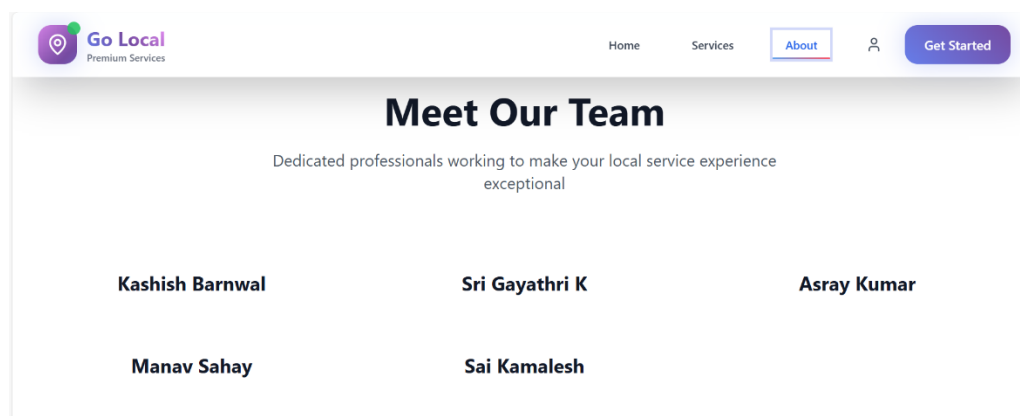


Figure 3.10

F3.10.1: Navigation and Access:

- This page is accessed by clicking on the "About" link in the main navigation bar in the header.
- The URL for this page is localhost:5174/about.
- The "About" navigation link in the header is highlighted, indicating the user's current location.

F3.10.2: Header Elements:

- The "Go Local Premium Services" logo is present on the top-left.
- Standard navigation links are present: "Home", "Services", "About" (highlighted).
- A person icon (likely for profile/login) and a "Get Started" button are also in the header.

F3.10.3: Page Title and Introduction:

- The main title prominently displayed centrally on the page is "**Meet Our Team**".
- Below the title, an introductory sentence reads: "Dedicated professionals working to make your local service experience exceptional".

F3.10.4: Team Members Section:

- The page lists the names of key team members:
 - Kashish Barnwal
 - Sri Gayathri K
 - Asray Kumar
 - Manav Sahay
 - Sai Kamalesh

F3.10.5: Visuals and Layout:

- The design of this page is clean and straightforward, focusing on presenting the team members' names.
- The right side of the main content area in the figure is visually empty, providing a clear and uncluttered background for the text. No "Contact Us" form or additional imagery is visible on this specific page as depicted.