



QuickFix

SERVICE TRACKER FOR
LOCAL TECHNICIANS

Project Report
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1. Project Synopsis

Project Title: QuickFix

QuickFix is a responsive web-based service booking platform tailored for local technicians. It simplifies the booking process for customers while providing an efficient admin dashboard for technicians to manage bookings and update statuses.

Objective: To create a responsive web application that helps customers easily book local services (like electricians and plumbers) and enables service providers to manage and update booking statuses efficiently.

2. Brief Overview

QuickFix was developed to solve a common issue faced by local technicians: poor booking management and client communication.

This project offers a two-panel solution:

- A Public Booking Form for customers to submit service requests.
- An Admin Dashboard for technicians to view, filter, update, or delete bookings.

The entire system runs on the browser using localStorage, no backend setup required, making it a lightweight and beginner-friendly solution for demonstrating full user flow.

3. Technologies and Tools

- HTML5
- CSS3 & Bootstrap 5
- JavaScript
- Visual Studio Code

4. Development Process

Step 1: UI Planning

- Designed a clean home page with two user paths: Customer and Service Provider.
- Applied a consistent color theme using CSS variables.
- Ensured mobile responsiveness for better accessibility

Step 2: Booking Form

- Built a form using HTML and Bootstrap.
- Implemented JavaScript for form validation and localStorage integration.
- Displayed confirmation on successful submission.

Step 3: Admin Dashboard

- Displayed stored bookings dynamically as cards.
- Implemented filters for Service Type and Booking Status.
- Allowed admins to mark jobs as completed or delete them.

Step 4: Testing

- Checked responsiveness on mobile and desktop
- Ensured proper data storage, retrieval, and case handling

5. Summary and Future Directions

Summary:

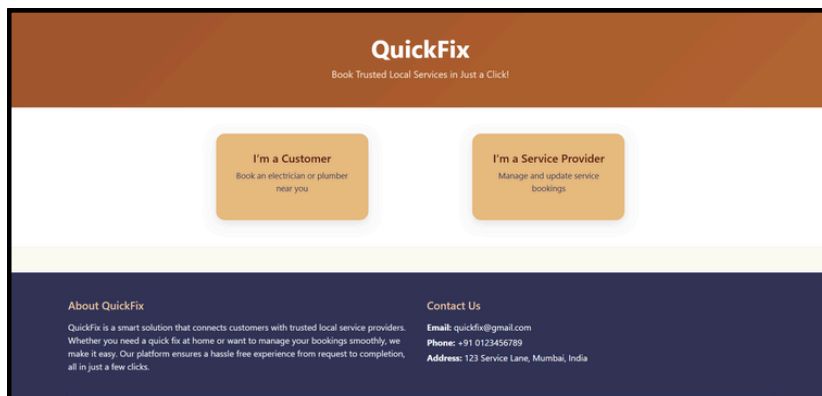
QuickFix demonstrates a functional prototype of a service booking system with a clear user interface, admin controls, and simulated data storage using localStorage. It provides a real-world feel for client-admin interaction.

Future Enhancements:

- Integrate Firebase or MongoDB for real-time database
- Add user authentication (login/signup)
- Email notifications for new bookings
- Google Maps API for location-based technician assignment
- Sorting options and detailed analytics for admins

6. Project Screenshots:

Desktop View:



Mobile view:

