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ABSTRACT

Local-B-Connect is a location-based service booking platform developed using the MERN (MongoDB, Express.js, React.js, Node.js) stack. It aims to connect users with nearby service providers, such as electricians, plumbers, salon professionals, and tutors, through a single digital interface. The system simplifies the process of discovering, booking, and managing local services, making every day needs more accessible and efficient.

The application features secure login and registration for both users and providers, role-based dashboards, real-time service status tracking, and a clean, responsive user interface. Users can search for services by category and location, book appointments, and track booking statuses. Service providers can manage their profiles, list services, and accept or reject bookings. The backend handles authentication with JWT and stores data using MongoDB, while the frontend provides a seamless experience using React and Bootstrap.

By empowering local businesses with digital tools and offering users a reliable service discovery platform, Local-B-Connect addresses real-world problems of visibility and accessibility. The system is scalable, modular, and ready for future enhancements, including payment gateway integration, AI-driven service suggestions, and mobile app support. It serves as a practical solution to promote local economies through digital transformation.