Abstract:

The home service project is a robust and user-friendly dynamic web application developed using PHP with the Laravel framework, complemented by an SQL database backend and hosted on an Apache server. It comprises three core modules: admin, customers, and technicians, each serving distinct but interconnected roles within the system.

At the core of the application is the admin module, which acts as the centralized control center. Admins have comprehensive oversight and management capabilities, including the authority to approve technician registrations. This approval mechanism ensures that only qualified and vetted technicians are permitted to offer their services through the platform, enhancing reliability and trustworthiness.

For customers, the application provides a seamless experience from registration to service booking. Customers can easily register and log in, gaining access to a range of service categories tailored to their home service needs. This diverse array of categories enables customers to find and select services that align with their specific requirements.

The booking process is intuitive and efficient. Upon selecting a service category, customers can view available technicians and book appointments based on their preferred date and time slots. Technicians receive booking requests and can accept them if they are available, facilitating seamless coordination between customers and technicians.

One of the key highlights of the application is its transparent payment system. Customers make direct payments to technicians for services rendered, eliminating the need for intermediary commissions. This direct payment model fosters trust and transparency while also benefiting technicians by ensuring they receive the full value for their services.

The admin module offers comprehensive tools for monitoring and managing all aspects of the platform, including bookings, payments, and user data. Admins can access detailed dashboards and analytics to track service usage, analyze trends, and optimize platform performance.

Overall, the home service project revolutionizes the home service industry by providing a user-centric platform that connects customers with skilled technicians seamlessly. With

its robust features, transparent processes, and efficient management tools, the application enhances the customer experience and promotes trust and reliability in home service transactions.