



InnovateX: Shaping the Future

Thapar Institute of Engineering and Technology
(TIET) , Patiala.

Title : On-Demand Local Service Provider Platform. (Business Model)

Theme : Technology-Driven Solutions for Urban Convenience.

College : SRM Institute of Science and Technology, Kattankulathur.

Team Members :

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Problem Statement (Painpoint)

- In today's fast-paced world, people often face unexpected vehicle breakdowns, electrical issues, plumbing emergencies, or carpentry needs.
- Finding a reliable and skilled service provider nearby is a major challenge, especially For New Residents for apartments / Housing Boards in urgent situations.
- **Existing solutions** like Google Search or local directories lack real-time availability tracking, location-based service matching, and seamless booking processes. Customers struggle with:
 1. Delayed response times from service providers
 2. Lack of verified professionals nearby
 3. No real-time tracking or estimated arrival time
 4. No transparent pricing & payment options
- Similarly, service providers (mechanics, electricians, plumbers, carpenters) lack a platform to receive instant job requests and efficiently manage their work

Our Solution

- We propose an location-based service platform that connects customers with verified service providers nearby, offering real-time tracking, instant job assignments, and seamless payments.
 1. Connect customers with nearby service providers based on real-time location.
 2. Eliminate high commissions by using a fixed monthly subscription model for professionals.
 3. Offer instant job matching with real-time tracking and estimated arrival times.
 4. Ensure high service quality through verified Users and customer reviews.
 5. Scale efficiently across multiple cities with a low operational cost model.

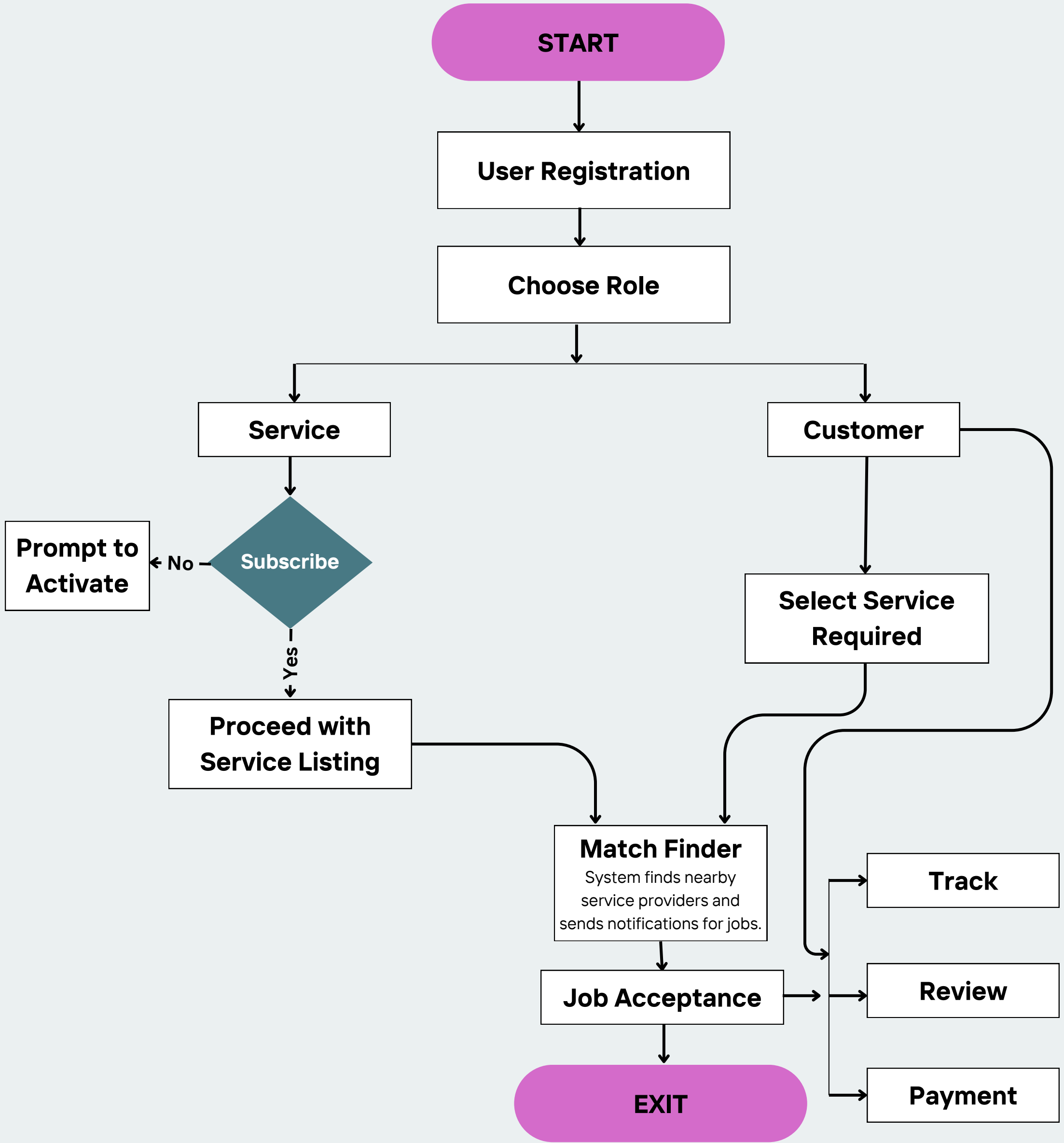
Expected Outcomes

- Faster response times for urgent service needs
- Real-time availability tracking of professionals
- Increased earnings for local service providers
- Trust & reliability with verified professionals

Tech Stacks

- **Frontend** - React.js / Next.js
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- **Backend (Server & Logic):** Node.js + Express.js
- **Database :** MySQL
- **Payments:** Razorpay / Stripe
- **Real-Time Updates:** Firebase / WebSockets
- **Hosting & Security:** AWS / Google Cloud

Flow Chart



Business Model

Model : Subscription-Based Model

- Service providers pay a fixed monthly fee to receive job requests.
- No commissions on individual jobs.
- More stable revenue, but needs strong service provider engagement.

1. Stable & Predictable Revenue :

Consistent cash flow every month -

Example : If 1,000 service providers subscribe at ₹999/month → We earn ₹9,99,000 per month, even if they get zero bookings.

2. More Profits for Service Providers :

- Unlike Zomato/Uber (which take 15%-30% commission), service providers keep 100% of their earnings.
- Professionals pay a fixed amount instead of losing money per job.
- Encourages more service providers to join your platform.
- Since they prepaid, they will actively use your platform to get the most out of their subscription

Example : A mechanic who pays ₹999/month will be motivated to take more jobs to make a profit.

In Uber/Zomato, drivers/restaurants can leave anytime if commissions are too high.

Conclusion

This platform has the potential to revolutionize the local service industry by providing faster, more reliable, and cost-effective solutions for home and vehicle repairs. With technology-driven automation, AI-based job assignments, and a subscription-first approach, it can become the go-to solution for both customers and service professionals.

By prioritizing convenience, transparency, and fair pricing, this platform has the potential to revolutionize the local service industry and become the go-to solution for on-demand home and vehicle repairs.

Thank you