

One Stop Service Portal: Revolutionizing Household Service Accessibility through Digital Platforms

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ABSTRACT

One-stop service portal is a easily to access to any where any one can access to householder service to an any emergency or functions, parties are to be house holders are mainly to pandits, house repairs, renovation, electricians, plumbers and more. Here we can communicate between user to professional persons to easily communicate. It is generally to work with professional worker. It is trustworthy or princely platform or also trustable for online transaction in online platform. Mainly, to one of the main point is all of the online platforms are to via network to highly recognized. The advent of digital platforms has significantly transformed the way household services are accessed and managed. The "One Stop Service Portal" aims to revolutionize household service accessibility by consolidating various services into a single, easy-to-use digital interface.

This platform is designed to streamline the booking, payment, and management of essential services such as cleaning, maintenance, repairs, and installation, offering a seamless experience for users. By integrating service providers, customers, and payment systems in one place, the portal eliminates the complexities associated with traditional methods of finding and hiring service professionals. Furthermore, the platform enhances customer convenience through features like real-time scheduling, service tracking, and reviews, ensuring transparency and reliability. This abstract explores the key benefits, challenges, and potential impacts of the One Stop Service Portal, underscoring its role in bridging the gap between household service providers and consumers, while contributing to a more efficient and accessible service economy.

KEYWORDS: *c, c++, java, paython, html, css, and java script*

I. INTRODUCTION

In the ancient period, people relied on traditional among the knowledge, ingenuity, and defame the people. In recent times automated searching the any householder service gives any time to any where. Spreading misinformation, fraud, and defamation are flowing nowadays.

A "One-Stop Service Portal" is a centralized platform that brings together various services in one place, making it easy and convenient for users to access what they need. Instead of searching for different providers separately, users can find, book, and manage multiple services—such as home repairs,

cleaning, plumbing, or appliance maintenance—through a single platform. It saves time, ensures quality, and simplifies the entire process, offering a seamless experience for all service needs.

A "One-Stop Service Portal" is a comprehensive solution designed to simplify the way people access and manage multiple services from one central platform. It serves as a unified hub where users can discover, book, and track a wide range of services, whether for home maintenance, professional assistance, or personal needs.

This approach eliminates the hassle of contacting multiple providers, comparing options, or navigating separate systems. Instead, the portal brings everything together, offering features like: Diverse Services: A variety of options such as plumbing, electrical repairs, cleaning, appliance servicing, painting, and more. Ease of Use: A user-friendly interface to search, book, and manage appointments quickly. Verified Professionals: Access to trusted and verified service providers to ensure quality and reliability. Transparent Pricing: Clear, upfront pricing with no hidden costs.

Project objective

We are provide a centralized platform offering diverse services:

- Pandit**
 - Providing spiritual services, rituals, and prayers.
- Electrician**
 - Offering electrical repairs, installations, and maintenance.
- Plumber**
 - Handling plumbing-related services, such as repairs and installations.
- Painter**
 - Providing interior exterior painting services.
- Maid**
 - Offering housekeeping, cleaning, and other domestic chores.
- Nurse**
 - Delivering medical assistance, caregiving, and health-related services.
- Mechanic**
 - Offering automobile repair maintenance services.

8. Aaya

- Providing child care, elderly care, and other domestic assistance.

9. Cook/Chef

- Offering cooking services for meals, catering, and event services.

10. Carpenter

- Providing furniture making, repairs, custom woodwork services.

11. Driver

- Offering transportation services for commuting or running errands.

12. Watchman

- Providing security and surveillance services for homes or offices.

13. Gardener

- Offering landscaping, gardening, and maintenance services.

14. Teacher

- Providing tutoring, coaching, and educational services.

II. Challenges in Household Service Delivery

1. Lack of Skilled Labor

- Many household service providers may lack the necessary skills or training to perform tasks to a high standard. This can result in poor-quality service, inefficiency, and dissatisfaction among clients.

2. High Turnover Rates

- Household service workers, such as cleaners, nannies, and cooks, often face low wages, limited career growth, and poor working conditions, leading to high turnover. This disrupts continuity and affects service quality.

3. Inconsistent Service Quality

- Due to variations in skill levels, experience, and dedication, the quality of service provided can be inconsistent. This can be frustrating for households who expect reliable, high-quality service.

4. Communication Barriers

- Miscommunication between service providers and employers can result in misunderstandings about job expectations, schedules, or priorities, leading to dissatisfaction and delays in service.

5. Dependence on External Providers

- Many households rely on external agencies or freelance workers for service delivery. This can cause issues related to trust, reliability, and accountability, particularly if service providers are not regularly supervised.

6. Time Management Issues

- In busy households, coordinating various services (cleaning, childcare, maintenance) within a limited time frame can be difficult. Time management issues can cause delays or incomplete tasks.

7. Safety and Security Concerns

- Allowing outsiders into the home for service delivery can raise concerns about the safety and security of both

the residents and the property. Trustworthiness of service providers is crucial.

8. Cultural Sensitivities

- Different households may have varying cultural expectations or preferences regarding household service. Service providers may face challenges in adapting to these cultural norms, which can lead to tension or dissatisfaction.

9. Regulatory and Legal Challenges

- There can be a lack of proper regulation regarding household service delivery, leading to issues such as underpayment, exploitation of workers, and lack of legal protections for both the service providers and recipients.

10. Economic Constraints

- Economic conditions can limit the ability of households to afford high-quality services or to hire enough staff to meet their needs. Budget constraints can lead to compromises in service delivery.

11. Technology Integration

- The integration of technology in household services (such as smart home devices or app-based services) may not always be seamless. This can create challenges in managing services, especially for those who are not technologically savvy.

12. Health and Safety Issues

- Household workers, particularly in cleaning and maintenance roles, may be exposed to hazardous chemicals or unsafe working conditions. Ensuring workers' health and safety can be a major concern, especially when proper equipment and training are lacking.

13. Availability of Services

- In some regions, household services may not be widely available, or there may be a shortage of service providers in specific areas. This can limit access to necessary services and create delays.

Addressing these challenges requires proper training for service providers, better communication between parties, fair wages and working conditions, and a clear understanding of service expectations.

III. Scope of the project

If we talk about the scope of the one stop service portal system then the biggest reason for its impact is the rapidly growing cities and societies which will create bigger opportunities for the house holder management . user or professional worker need to good an affordable communication with there need, in which service managment will play mager roll. The service will sustain because of the user, their demand subscription. We will upgrade the system time to time, will add more features as per the user convenience.

As the user open the web page there will be two options to register and login. When the user clicks the register option a new tab will be opened with two options. Register as consumer and service provider.



How to register

1. First we can, Open the official website.
Navigate to the one stop service portal official website
2. Locate the Registration Section: On the homepage, look for options such as "Sign up", "Register", or "Join us". These are typically found in the top-right corner or within the main navigation menu.
3. Complete the Registration Form: Clicking on the registration link should direct you to a form requesting personal details like your name, contact information, and possibly your address. Fill in the required fields accurately.
4. Submit the Form: After entering your information, submit the form by clicking the designated button, often labelled "Submit" or "Create Account".
5. Confirmation: Upon submission, you might receive a confirmation email. Follow any instructions provided to verify your account and complete the registration process.

One stop service portals constructions is a licensed contractor based in Cape Coral, Florida, specializing in residential remodeling, damage restoration, and commercial contracting services.

IV. Game-Changer

Definition: A unified digital platform offering diverse household services, from cleaning and repairs to specialized tasks like pest control and home automation.

Core Features:

- Centralized service directory.
- Easy booking with real-time availability updates.
- Secure payments and transparent pricing.
- Customer reviews and ratings for informed decision-making.

Uses are there:

The term "**One stop service portal**" can refer to various tools, services, or platforms used for home repairs, renovations, and property maintenance. Here are some common uses associated with the term:

➤ Home Repair Services:

Professionals or contractors offering plumbing, electrical work, roof repairs, painting, and appliance maintenance.

➤ Renovation Projects:

Interior design and remodeling services for kitchens, bathrooms, and living spaces.

Installation of impact-resistant windows, flooring, or roofing systems.

➤ Online Platforms/Apps

Apps that connect homeowners with verified professionals for quick fixes or large-scale projects.

➤ DIY Tools

Guides, software, and platforms for DIY enthusiasts.

Software Used: Java script, Css, Planner 5D for home design.

Tools Used: Hand tools like drills, saws, and wrenches.

➤ Home Maintenance Scheduling

Regular inspection and maintenance of HVAC systems, water heaters, and gutters.

Features of One stop service portal:

1. Service Marketplace

- Search for professionals
- Verified Listings

2. Project Management Tools

- Scheduling
- Progress Tracking

3. Budget Management

- Cost Estimation
- Expense Tracking

4. DIY Tools and Guides

- Step-by-step Tutorials
- Materials Recommendations

5. Design and Visualization

- 3D Design Software
- AR Features

6. Customer Support Features

- Live Conversions
- Help Center

7. Home Maintenance

- Checklists
- Documentations

8. Mobile app Integration

- Push Notifications
- Photo Uploads

9. Payment Integration

- Secure Transactions
- Installment Options

10. Environmental Features

- Energy Efficiency Products
- Eco-Friendly Products

The One stop service portal are similar platforms are designed to assist homeowners and professionals with various aspects of home repairs, renovations, and maintenance.

These services often utilize technology to connect users with services providers, manage projects, and facilitate home improvement tasks. Features typically include marketplaces where users can find verified professionals, tools for budgeting and project tracking, and options for visualizing designs with advanced modelling software.

Many platforms offer intuitive interfaces that allow users to create detailed floor plans and visualize changes in real-time.

Some incorporate augmented reality features for a more interactive experiences. Additionally, apps like HomeZada focus on comprehensive project management, helping users

keep track of expenses, timeliners, and materials. For professionals, these platforms often include client management tools, appointment scheduling, and secure payment processing.

Moreover, advanced solutions integrate eco-friendly tips, energy-efficient product suggestions, and regular maintenance reminders to ensure the longevity of the property. Such platforms combine functionality and user-friendly design and professional contractors.

Example of a One-Stop Service Portal

for various workers like pandits, aya's, maids, electricians, painters, and more could be a **home services marketplace platform**. An example of such a platform is **UrbanClap** (now known as **Urban Company**) or similar local service apps like **Housejoy** or **Handy**.

Here's how it works:

Example: UrbanClap (Urban Company)

This is a one-stop portal where customers can access various services through a single platform:

- Pandit Services:** Users can book a pandit for religious ceremonies or rituals at home.
- Maid Services:** People can find and hire a maid for daily cleaning, cooking, or caregiving services.
- Electricians:** The platform allows users to request electricians for electrical repairs, installations, or troubleshooting.
- Painters:** Customers can book professional painters for home or office painting services.
- Other Services:** The portal also offers plumbers, carpenters, pest control services, appliance repair, beauty services, and more.

Features of the Platform:

- **User-Friendly Interface:** Customers can easily browse, book, and pay for the services they need.
- **Wide Range of Workers:** The platform brings together various professionals such as pandits, maids, electricians, etc., in one place, eliminating the need to contact different people for different services.
- **Ratings & Reviews:** Customers can read ratings and reviews from others to select the best service provider.
- **Convenient Booking:** Users can schedule services at their convenience, whether it's an urgent requirement or a planned task.
- **Secure Payment:** Payments are often made directly through the app, offering secure and cashless transactions.

V. Methodology

The methodology of "**One Stop service Portal**" involves a streamlined process to address home repair, renovation, and maintenance needs. It starts with identifying the user's specific requirements through a needs assessment. Users are connected with verified contractors and professionals from a database that ensures quality and reliability through ratings and reviews.

Advanced tools like 3D modeling and augmented reality help users visualize and plan their projects digitally, offering a clear idea of potential outcomes. The platform manages

projects with set timelines, budget tracking, and regular progress updates, ensuring transparency and efficiency.

Maintenance reminders and aftercare services are provided, including routine checks and documentation of completed tasks, warranties, and expenses. **One Stop Service Portal** uses technology like mobile apps, secure payment gateways, and AI-driven recommendations to enhance the user experience. This integrated approach ensures that home improvement tasks are handled efficiently and effectively, from planning to execution and maintenance.

Its Basic method only services to give the any peoples. To exciting to giving the any services to people method to permissions .

Need of One stop service portal in 21st century Society

If we look at the present scenario, due to the decrease in the availability in the surroundings. There is a hike in the price of services as well as availability especially in smart cities.

People are searches of professionals peoples can work in best rating. Most of the peoples are check are to be main is price and rating first.

The online functions are exactly to search to easily in easy to way are find or search our service partners or service availability.

VI. Future Outlook

1. Integration of Advanced Technologies

- **AI and Automation:** A one-stop service portal is likely to see enhanced AI capabilities that provide more personalized experiences, quicker resolutions, and greater automation of tasks. Chatbots and virtual assistants could handle more complex inquiries and support requests.
- **Machine Learning:** Over time, the portal can use machine learning to predict user behavior, optimize workflows, and improve the relevance of the services offered.
- **IoT Integration:** For sectors like healthcare, logistics, or smart cities, the portal could become a hub for integrating IoT devices, offering real-time insights and updates.

2. Seamless User Experience

- **Personalization:** With data analysis and AI, portals will become more personalized, understanding user preferences and providing tailored recommendations or services. This will enhance user satisfaction and engagement.
- **Omnichannel Support:** Future portals may allow users to interact across multiple channels (web, mobile, voice assistants, etc.) without losing continuity of service or information.
- **Simplified Navigation:** As users demand increasingly intuitive experiences, portals will likely evolve to provide an even more seamless and user-friendly interface.

3. Cloud-Based Infrastructure

- **Scalability and Flexibility:** Cloud computing will continue to play a key role, offering greater scalability, flexibility, and reliability for a one-stop portal. Services and features could be more dynamically adjusted to meet growing user demand.
- **Security and Privacy:** As more sensitive data is managed through these platforms, a stronger focus on

cybersecurity will be crucial. Enhanced data encryption, multi-factor authentication, and compliance with global data protection standards will become even more important.

4. Cross-Industry Applications

- **Sector-Specific Portals:** One-stop service portals will become more specialized for various sectors, such as government services, healthcare, financial services, and retail. This could mean more integrated solutions that connect all necessary services in one place.
- **Public and Private Sector Collaboration:** Governments and private enterprises may develop combined service platforms to facilitate citizen engagement, e-government services, and business interactions in a single interface.

5. Expansion of Services

- **Greater Service Offerings:** The portal could evolve to include a broader range of services, not just transaction-based, but also value-added services like knowledge bases, community forums, and educational resources.
- **Subscription and Integration Models:** As business models shift towards subscription or SaaS-based services, these portals may integrate various third-party platforms or allow users to manage multiple service subscriptions through one unified interface.

6. Focus on Data and Analytics

- **Insights and Reporting:** With access to vast amounts of user interaction data, the portal could provide advanced analytics and insights, both for users (in terms of service usage) and organizations (in terms of customer needs and behavior).
- **Real-Time Data:** The demand for real-time updates and actionable insights could make the portal a critical hub for decision-making across multiple industries.

7. Evolving Customer Expectations

- **24/7 Availability:** Users will continue to expect around-the-clock access, whether for service requests, troubleshooting, or information gathering.
- **Self-Service Capabilities:** There's likely to be a continued shift toward self-service options, where users can find information, resolve issues, or complete transactions independently.



VII. CONCLUSION

In conclusion, One stop service portal provides a comprehensive and user-friendly platform designed to streamline home repair, renovations, and maintenance processes. By Leveraging advanced technology, professionals networks, and efficient project management tools, it ensures high-quality services. Transparency, and convenience for homeowners. Its focus on visualization, planning, and aftercare makes it a reliable solutions for managing various home improvement or etc. To any individual needs and larger-scale projects.

One stop service portal stands out as a versatile and effective solutions for both homeowners and professionals. The platforms ability to connect users with verified contractors, while providing tools for detailed planning, budgeting, and project management, ensures that home or any others.

a One-Stop Service Portal is an effective solution for centralizing access to services, improving user experience, and increasing operational efficiency. By offering a unified platform for users to access a wide range of services, it simplifies interactions, reduces the need for multiple touchpoints, and ensures that users can find what they need quickly and easily. Such portals are particularly valuable for organizations seeking to streamline processes, enhance customer satisfaction, and improve overall service delivery. The key to success lies in ensuring the portal is user-friendly, responsive, and continuously updated to meet the evolving needs of users and the organization.

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