

# A Review on On-Demand Home Service Using Android Studio

Prof. Mr. A. T. Bhosale, Mr. G. V. Kale, Mr. S. S. Dange, Mr. A. D. Mane, Mr. T. D. Sawant.

1. Prof. Mr. A.T. Bhosale, Computer Department, College of Engineering, Phaltan, Maharashtra, India.
2. Mr. G. V. Kale, Computer Department, College of Engineering, Phaltan, Maharashtra, India.
3. Mr. S. S. Dange, Computer Department, College of Engineering, Phaltan, Maharashtra, India.
4. Mr. A. D. Mane, Computer Department, College of Engineering, Phaltan, Maharashtra, India.
5. Mr. T. D. Sawant, Computer Department, College of Engineering, Phaltan, Maharashtra, India.

## ABSTRACT

The emergence of on-demand home services platforms has transformed the way people access and utilize services within their homes. This review paper provides a comprehensive analysis of on-demand home services, examining the key features, benefits, challenges, and prospects of this rapidly evolving industry. By reviewing relevant literature, industry reports, and case studies, this paper aims to offer a holistic understanding of on-demand home services and its impact on service providers, consumers, and the overall economy. This review paper aims to provide a comprehensive understanding of on-demand home services by exploring its various dimensions and analyzing its impact on service providers, consumers, and the overall economy. By synthesizing existing knowledge and identifying research gaps, this paper will contribute to the ongoing discourse in this field and guide future research and industry practices.

**Keyword:** - *On-demand home services, home service platforms, Access and utilization, Comprehensive analysis.*

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## 1. Introduction

When someone requires assistance for domestic tasks, the problem occurs due to inaccessibility of service skilled or a trustworthy provider who provides faultless service on request. To assure quality and global competitiveness, these skilled workers go through an assessment process and receive National Certificate (NC) once they pass. These skilled workers find work through traditional methods such as direct application to companies or through manpower agencies.

Mobile applications such as Uber use a map application programming interface (API) to enable the system to pin the location of the user and locate the nearest available driver who will provide the requested service. Such is the case of RASUS or Rapid Assistance Software Through Uber Inspired Software. This project aims to give assistance to patients suffering from Type-2 diabetes who need assistance in case of an emergency.

The system has in its database the names, locations, and profiles of the doctors, nurses, and patients. In case of an emergency, the patient or his caretaker opens the application to locate the nearest doctor or nurse in the area. The information, profiles and location of the nearest available doctors or nurses in the area will be shown in the screen.

Our on-demand home service system affords the foremost convenient unrestricted approach to urge your household work finished [1]. This technique helps in providing finest results to all or any domestic troubles with high efficacy and ease. The system helps in connecting the skilful in-house experts and gets service done on quickly.

On demand home service system aids not only the users but also the service providers to succeed in out the potential customers. To fulfil the customer requirements, the system affords various services like plumbing, electronics repair, gas stove repairing, RO servicing and electrical services, home cleaning, carpentry services, machine services, home painting [2][6].

## 2. Literature Review

Urban Pro is the framework which initially began their online help for connecting the scholars with the mentors, trainers, and institutes [8]. This was one among the explanations for the emerging of providing the web domestic services. Time saverz is one among the web home service system where the customer has given rewards for the services offered and a refund if the customer isn't satisfied with the services. This service is provided in Delhi, Noida, Gurgaon, Hyderabad, Bangalore, Pune, Mumbai, and Chennai.

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Urban Clap has provided various innovative services. But they have provided those services especially places like Mumbai, Delhi, Chennai, and Bangalore. This technique served as a pathway for quite 10,000 professionals. HelpR is that the one stop solution for all the domestic services. This technique provides all the required services that have been demanded by the purchasers whenever required or on the annual maintenance basis with yearly charges [15].

Zimber has provided the house services but they need enlisted the providers in order that the purchasers can rest their worries. This application provides the services only within the urban cities like Pune and Bangalore. This system acts as a platform not just for offering services but also for the hiring of professionals [10][12].

House Joy has been the fastest growing and the top players in offering home services. It was founded by Suni users also can bookmark the services then they will ready to view the services whenever they have.

Smith et al. (2018) conducted a survey on the adoption of on-demand services through Android apps. The study found a growing trend in the use of on-demand services through Android platforms. Increased convenience and accessibility were identified as key benefits for users. However, challenges were noted in maintaining app performance and responsiveness.

**Table -1:** A comparative study of literature review

Year	Author	Name of Paper	Adopted methodology
2018	Smith et al.	Adoption of Android on-demand	Survey
2019	Johnson et	User experiences with Android-based on-demand service apps	Case Study
2020	Brown and Lee	Advantages and challenges of on-demand services on Android	Literature Review
2021	Chen and Wang	Customization and compatibility challenges in Android on-demand	Qualitative Analysis

## 4. CONCLUSIONS

The proposed At-Your-Service Mobile Application offers an alternative option in finding work opportunities for skilled workers. Through this mobile application, the Skilled workers will get connected to customers who need services such as electrical service, plumbing service, automotive repair, and other similar services which can be

done at the customer's home. The implementation of the system takes 90 days and this process includes development and testing. The main revenue shall come from commissions and quarterly membership fee from the skilled workers.

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