

## SNAP AID

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**Abstract** - Much of the world has become so time-bound that people are confronted with work commitments much at the expense of family life. With unforeseen problems surfacing in their lives further, they disrupt their schedule, so one is dealing with a tug of war between professional responsibilities and personal needs. Now imagine a home free of headache maintenance-no leaking faucets, no shabby furniture repair, and hassle-free services on your doorstep. This, in a way, is where e-commerce comes into play and took an essential role in this sense, making it very easy and convenient to simplify daily tasks. In meeting that need, we advance the full circle to fully offer e-commerce. Diversity system providing services that include plumbing, moving, repairs, cleaning, electrical work, painting, taxi services, and, laundry. Our mobile website is accessible and user-friendly. Hence easy provision on booking services so that it makes the booking process straightforward. Again, the system shall give the person an email confirming on booking hence giving one access to services from anywhere to enhance both convenience and quality of life.

**Key Words:** Various Home services, Select service nearby, Quick services, Home service website.

## 1. INTRODUCTION *(Size 11, Times New roman)*

It's challenging to find reliable people who can accomplish little yet so vital domestic chores. The on-line house service system is an easy and convenient house chores way of doing your home work with efficiency and care.

## 2. Body of Paper

The body of the paper consists of Verities of proposed, objective of project scope designing development software requirement.

Our project scope is to design an entirely good environment for our customers to provide a safe and user-friendly platform that deals with types of services. Our core scope is to give employment along with a platform with skills to help and to those with the needs of services, the good facility to the user so that they can easily select the professional service providers according to their rating and prices. Also our application provides a secure and user-friendly payment gateway page so that the user can easily pay

payments online and book his/her services. Therefore, the prime objective of our project is to create an application that shall provide a user-friendly environment in which users or customers can choose any type of services according to their needs.

## REVIEW OF LITERATURE

### Study of Existing System

There is already a system by the name "Facility Kart" which is a mobile application, almost the same as the application "Urban-Company". **Services offered** This service this application provides includes: Home cleaning, laundry services, driver on demand services, carpet cleaning services, sofa cleaning services, pest control services, electrical services, plumbing services, AC services, carpentry service, Car Spa, PC & Laptop Repair, Refrigerator /Microwave/Washing Machine Services, and home painting.

### Findings from Literature Review

Since we are moving to a new city and have different services but we don't have any information regarding services that are available nearby, hence with the use of "Snap Aid" it becomes quite easy to get all house-related services at one place. This web-application can provide users who make use of this web-application to search services that may be available near their location. This facility may be used by the user in case if the user wants the service request to be Done elsewhere than the present location of himself location. This can be possible only after merging the maps to this application. Other useful additions can be made by giving more types of services to the user. Finally, but most importantly, providing employment to service providers. 7 Snap Aid

## PROPOSED SYSTEM

Home repair and maintenance is currently one of the fastest-emerging industries, and there is an urgent need for a platform connecting homeowners with reliable and affordable service providers promptly and efficiently. However, while there are several apps available in the market that offer similar services, there is no transparency regarding service quality and pricing, making it challenging for a user to make an informed decision. Further, an overall solution that can track every little detail in the repair and maintenance process, starting from scheduling to tracking up to payment, should be developed. In this regard, this research paper aims to evaluate to what extent the Fixify mobile app addresses the needs of bringing an end to such problems and improving user experience among homeowners looking for repair and maintenance services. Also provides with a platform for the service providers an employment The findings of this research will provide insight

on the effectiveness of the Fixify mobile application in providing solutions to homeowners seeking repair and maintenance services and will inform the

### Advantages

1. Varieties of Services: There are different services for the home, and therefore it is much easier to use one roof.
2. Customer Reviews: People will have some feedback and rating while choosing a reliable service provider.
3. Saves time: With the platform, users can search, book, and pay for services online, thus saving time.
4. Automates processes: Admins can manage users, schedule services, and process payments automatically
5. Creates local job opportunities: The platform helps the local service providers reach more customers. .

### PROJECT SCOPE

Our project scope is to design an entirely good environment for our customers to provide a safe and user-friendly platform that deals with types of services. Our core scope is to give employment along with a platform with skills to help and to those with the needs of services, the good facility to the user so that they can easily select the professional service providers according to their rating and prices. Also our application provides a secure and user-friendly payment gateway page so that the user can easily pay payments online and book his/her services. Therefore, the prime objective of our project is to create an application that shall provide a user- friendly environment in which users or customers can choose any type of services according to their needs.

### The Objective of the Proposed System

1. Provides platform and employment : Our application is to be a bridge between those who have needs, and those who can fulfill them.
2. Saves Time: This is the core motive of this project. The on-demand home service app know what their users want. Hence, they provide services as fast as possible and according to the choice of the users.
3. Provides high quality services: These apps offer a well-experienced technical person that can solve problems of the clients or users very easily.

### Designing

- HTML: HTML 5.0, or simply HTML5, is the fifth major version of the Hypertext Markup Language (HTML), which is the standard markup language used to create and structure content on the web.
- CSS: Cascading Style Sheets (CSS) 3 is the latest version of the style sheet language used to describe the presentation and layout of HTML documents on the web. Introduced to enhance web design capabilities, CSS3 introduces new features such as transitions, animations, gradients, and rounded corners.
- Bootstrap: Bootstrap is an HTML, CSS and JS library that focuses on simplifying the development of informative web pages (as opposed to web applications).
- JavaScript: JavaScript can also be used on the server side, like with environments such as Node.js and even in the world of mobile apps, that is, both Android and iOS, with

frameworks like React Native. Several libraries and frameworks (such as React, Angular, and Vue.js) allow JavaScript to do many other things than develop applications alone, especially of very complex applications. JavaScript was broadly a client-side mover, that is, during the development of codes, the developer would run them in the web browser of the user with no need to keep going back and forth to the server for every action.

### Development

- MySQL: MySQL is prestigious as the world's most by and large utilized ASCII archive data back-end its most guaranteed data for PHP as php-MySQL is most habitually utilized ascii record prearranging data attempt the ui that wamp lamp and xampp workers offer for MySQL is ideal and diminishes our work to an outsized degree.
- Python: Python could likewise be a taken item organized basic level language with dynamic derivation its straightforward level in-created information structures got together with the unique organization and dynamic restricting sort it outrageously interesting for speedy application advancement.
- Django: Django follows the Model-View- Template architecture that will help separate the application's logic, user interface, and data management. Projects that heavily require back-end drive go for content management systems, e-commerce websites and social networks.

### Software Requirements

- Operating System: WINDOWS 7 OR HIGHER
- Front-End Languages: HTML, CSS, JavaScript, Bootstrap
- Back-End Languages: Python, Django
- Data Server: MySQL • Code Editor: Notepad, VS Code, Command Prompt

### Hardware Configurations

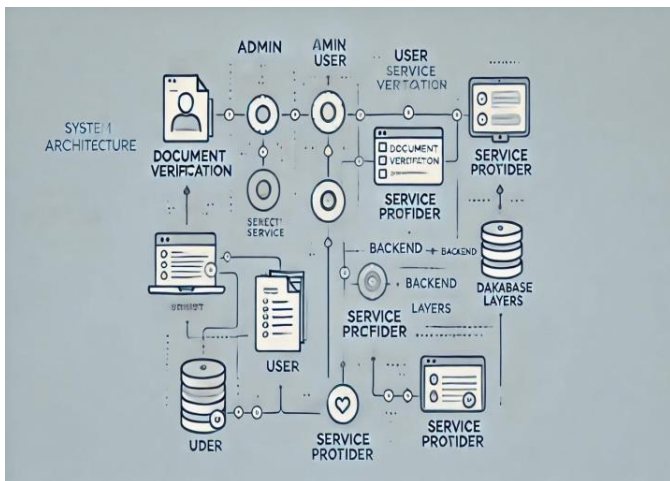
- Windows: 2 GB RAM minimum, 4 GB RAM recommended, 1280 x 800 minimum screen resolutions.
- Screen Resolution: 1280 x 800 minimum.
- Processor Support: Intel processor with support for Intel VT-x, Intel EM64T (Intel 64) Execute Disable (XD) Bit functionality.

### FLOW DIAGRAMS

Figure 1: Flowchart. 9 Snap Aid The flow diagram is the overall description of a structure for a "Home Services Application" with two primary modules: Admin and User. Under the Admin module, log in, uploading, updating, and management of services are allowed. It also contains tools for service feedback, management of user accounts, and viewing user feedback. All of these operations interact with the database of an application to store and retrieve appropriate information. On the other hand, the User module allows the user to register, login, and also search for services. They can access settings for personalizing their experience and give feedback or ratings on the services used. Their feedback is also stored in the database for admins to refer to later. Diagrammatically, this relation between all sorts of user roles and a core functionality of the system with a feedback loop from the engagement of both users and admins would

Figure 2. System Architecture The service application architecture would present a discussion of how the Admin, User, and Service Provider interact with it. Under this role, the Admin verifies documents for both users and providers. After verification of their documents, users may select services to request, and providers may offer available services. Data flow between look like: all roles regarding inter-activity is coordinated at the backend by a database layer in order to store and retrieve the information. Hence, it is safe and secured verification while offering proper management of service and proper communication

### SYSTEM ARCHITECTURE



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### 3. CONCLUSIONS

Therefore, this web application of home services deals with some of the most frequently inquired about home services and as per the adaptation to the customer's need. Designed to scale up because, eventually, it can accommodate the addition of more services by adding it in case of a rise in demand for any service, and this currently offers such services like cleaning homes, carpentry, and plumbing but could extend it further to mechanics, housemaids, and even more. In addition, this payment app accepts and supports many payment options, which further add convenience and flexibility to users.

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The heading should be treated as a 3<sup>rd</sup> level heading and should not be assigned a number.