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Development of Web Framework for Providing Household Services Online

Sejal Agarwal[1], Dr. Akhil Pandey[2], Dr. Vishal Shrivastava[3]

B. Tech Scholar, Professor, Department of Computer Science & Engineering, Arya College of Engineering & I.T.,

Jaipur, India[1]

Professor, Department of Computer Science & Engineering, Arya College of Engineering & I.T., Jaipur, India[2,3]

ABSTRACT: In the present era, every person has busy schedule and a lot of work. They are suffering from the problem of lack of time. So now days, online services are increasing frequently to give the comfort to citizens. The online household services provide plumber, carpenter, electrician at home only by the request on the app. People do not suffer from the problem of searching trustworthy and good worker at the time. The workers also get the benefit as they find the work daily without wasting any time. By using this they can earn more money. The people who migrate from their native place to native place to another city easily manage the problems of household services by using online services. These services are now applicable everywhere so this made the life of migrants and locals easy. This app is build using flutter and firebase by dat.

The web framework has less the use of coding and innovate the use of development for the different apps on the online platform. The web framework has increases the market of developers. The web framework has the cross platform in mobile applications app.

In this research paper we will talk about the online household services and the web framework use for the apps in the industry.

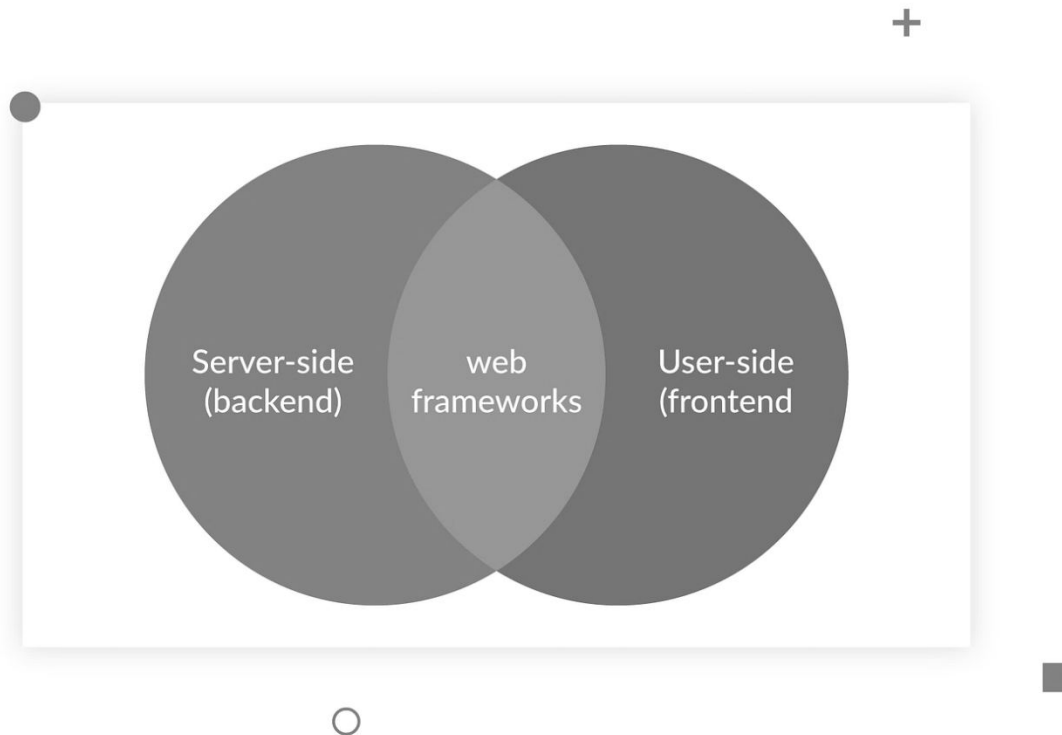**KEYWORDS**: Registration (Customer & Worker), Login, verification, services, payment.

I. INTRODUCTION

Now a days online platforms are very popular for the services in different fields so the app for household services is very helpful to the people in their hectic schedule of life for the home services. The Household service providing app is a app which help people to save their time from wasting to search the skilled and trusted workers for household problem like plumbing, electricity fault and carpenter etc. This helps the workers to get the work on the daily wages and earn the sufficient income. Our online app provides the workers at the appropriate rates of work. This makes the new way of the earning which helps the daily wage workers very much to get the work on the daily basis. The customers feel relief to get the best services at home by only one click on the sufficient payment of the work according to the work. This increase the market of workers.

II. METHODOLOGY

1. Literature Survey – The online household services come in known firstly by sulekha app. But it is properly come in existence by the urban clap in India which has a vital market in the big cities.
2. The web framework which play a important role in this field has come in the existence in the year 2009.
3. Data Collection – To solve the problem of the better household facilities at the appropriate rates and for the online apps more use the web framework is recognized.
4. Technical Analysis – The online household services are faster and reliable and web framework are work as the mediator of the frontend and the backend language in the development of the mobile web application.

Case Study – (The Urban Clap)

The urban clap is the best example of the online household services how effectively work in the market and make the role of the online services easy in the household services perspective.

When urban clap starts the journey most of the people have to take the services by calling the service providers from the area by searching them.

The web framework has the own features which decrease the coding and they have an array of functionality which can be reuse for development at different aspects.

The success of the traditional web frame work in the global market of the IT industry is very high. It makes a revolution which make the industry very fast and give the new way of working.

The challenges faced by the traditional apps with web frameworks:
1. In the traditional there we have to use the different web frameworks for the frontend and backend technologies.
2. The multiple data are used to manage according technology.
3. The present time web framework combines both frontend and backend technology as a mediator which remove the multiple processing and work.
4. This helps to small the size of website and store a large amount of data together.
5. This manage working of multiple tasks and give accurate results.

Factors Influencing Household Service Utilization

1. Work-Life Balance – It helps to balance the life with work as it saves the time and energy of people. It helps them to balance the work for the migrant workers who migrate for their work, study. They have to manage their professional life and personal life easily by the use of online applications.

Web Frameworks for Household Services Applications

Web Frameworks are the collection of the different function and components which help to create mobile and web applications. Web framework contains functions, controller, templates and routers which decrease coding in creation of an websites.

1.Role of web framework –
- This increases the networking power to connect the large area and multiple cities at a time.
- This decreases the challenges faced to connect the large amount of data at a place and at the same time.
- This helps in the comprise the issue of scalability, heterogeneity and openness.
- This connects multiple censors and people at a time very smoothly.
- It manages the multiple tasks at a time easily.

2.Use of web Framework-
- It is easy in the coding and debugging the content.
- It decreases the errors from the content.
- Optimize the code and remove redundant data.
- It decreases the time of the mobile application.
- The cost of the application is reducing in enhancing the application.
- The features and functions can change according to requirement and can be extend or reduce.

3.Types of Web Framework –
There are different frameworks use for applications which are frontend frameworks, backend frameworks and mobile frameworks.
  a) Frontend Frameworks – These frameworks are used in the creation of the user interface of a website.
  b) Some of frontend frameworks used: Angular and Vue.js
  c) Backend Frameworks – These frameworks use to handle the request of the customer, communication using APIs.

Some of the backend frameworks used: Django, PHP
  a. Mobile Frameworks – These frameworks are used to develop mobile applications. These applications are very popular as they work as across platform for both Android and iOS.
  b. Some of mobile frame works used: Flutter

Features
1. Data Security – Data is secure and every data is saves successfully. No one can interpret without access. Firstly the person has to registered in the website and only the require data is visible and other data is hidden.
2. Privacy – The privacy of the consumer and provider is maintaining and no one can see their data without their permission.

III. CONCLUSION

To make the effective solution of providing household services at a time effectively, this app is very important as it is helpful for both service providers and service consumers to solve their problems easily. The web frame work in the household services increase the capability of managing data easily. It helps to provide the services at the door. The people do not suffer from the problem of searching services. The providers also get their work at a place or by the phone. Hence this helps a large crowd of people.
The web framework provides the complete components to construct an application and projects.

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