On-Demand Service

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Abstract- The On-Demand Website is providing a simple and efficient platform to performed simple tasks/work of people nearby your area and make some money daily.
There are a lot of people are try to find part-time tasks but they couldn't afford for some reasons like it take too considerably time, couldn't join daily. So such people can make some money by doing minor tasks in their free period.
Also there are so many individuals have some tasks to be achieve but because of some reasons like doesn't have sufficient time, lack of manpower, lack of information they are not able to do work well, so for overcoming these complications they can hire a person which have good understanding, passionate about his/her capacity can do work for them and also they pay him/her for his/her service.

Keywords: On-DemandService,Seeker,Provider,Task.

1. INTRODUCTION

On-Demand-Service is a website to provide a platform to people who are in wantsome quick money and eager to do small tasks. It discovers small work in your area. Tasks are simple like Home Repairs, mowing a lawn, Babysitting, General Cleaning, Furniture Assembly, Moving, Heavy Lifting, Yard Work, etc. You can apply for a task on a day-to-day basis. You can also register a task that you can capable of giving some amount of cash to other

There are several people need has several work to do but they couldn't because of some reasons like they don't have time for it, manpower for it. Such individuals register themself to our website so their work is done by people who can capable to complete it

An individual who required to carry out their task can register himself/herself by filling details like name, address, phone number for validation details. Same asthe person who needs to do the tasks also needs to register himself/herself. Then he can able to see all the posts in his/her area. He or She can apply for that specific task.

There are different approaches to finds tasks we need as per our concern which means he or she can search for a particular task according to the city, period of time, etc. Task provider and task seeker can cooperate with each other through details.

The task provider has all the information ontask seeker in case of identification. After finishing the work task provider can give a review to task seeker which can be considered for its status if many task seeker applies for one task.

2. LITERATURE SURVEY

Prefer different web sites which offer services for getting tasks for full as well part-time similar Urban Clap,Task Rabbit. Most of these websites provided full or part-time job opportunities. Jobs like these required specialized skills and technical knowledge and they are firmly bounded with their agendas which many people couldn't drive for these jobs as they don't have sufficient time through their daily lifecycle.

Also, these platforms deliver jobs that are salaried i.e. task seeker get paid on a once-a-month or weekly basis. So such kind of job is not appropriate for people who need to earn some cash by using their free time throughout daily life.

We have prefer different research papers correlated to web development and different technologies currently used for web development. We studied technologies like cloud computing is infrastructures that provide numerous benefits for on-demand high-performance computing,remote services access and centralized data storage. As usual, Cloud users can access cloud services through Internet-based interfaces and Clouds provide the source provision "software as a service". For example, the Google cloud platform, Amazon web services, etc. which offer different facilities like centralized data storage, functionalities to manage databases, shared virtual machines like GPUs, RAMs which increases performances of the system [5,6].

We have gone through different research papers of System architectures and approaches like Recommendation Systems, Classification Systems. There are

manyrecommendation systems and procedures which are used by common web applications for recommendation purpose. These algorithms mostly categorize and filter different objects according to many features like behavior or on the basis of some mathematical model and deliver the result to the user [3, 4].

Many of these procedures are machine learning algorithms so it does not require any human interference for e.g. recommendation on algorithm likes content base filtering or item base filtering. Such procedure will be very helpful in our web-site to recommend different Task-Post or selecting the finest Seeker for the task out of a bunch of seekers [4].

3. CURRENT SYSTEM

Their many websites or mobile applications offer task opportunities for peoples. These tasks are typically full or part-time jobs but all these tasks need professional expertise.

Also such types of tasks restricted with strict agendas. And the payment is salaried i.e. on once-a-month or weekly basis. Because of this such kind of jobs are not valuable for those who want to gain some amount of cash doing a small task.

Most of the websites offer tasks that required professional expertise, and technical knowledge of a specific field so such tasks are limited to only those people.

Such tasks are mostly not choices of people who need some quick cash and willing to do small works in their daily routine.

A. Limitations:-

- Such types of tasks required Professional expertise and technical knowledge.
- Job timing is mostly fixed or strictly scheduled.
- For even part-time tasks payment is done on a once-a-month or weekly basis.

4. PROPOSED SYSTEM

We want to develop a website to give a platform to people who are wants some quick money and willing to do small works. And also for some people who have to do some task/work but couldn't do because they don't have sufficient time for it or don't have the manpower to do the task.

So our website will help both who wants to get complete their small task/work and who wants some cash by doing a small task in their area.

Task/tasks are simple tasks which we perform in our daily life like Babysitting, mowing a lawn, Home Repairs, General Cleaning, Furniture Assembly, Moving, and Heavy Lifting, Painting, caring watering plants and Yard Work, etc. Most of these tasks do not involve any high level of skills or any technical knowledge.

Our website mostly depends on three main parts which are

A. Task Provider:-

A taskprovider is a onewho wants to perform some task/work.

B. Task Seeker:-

A task seeker is a one who wants to perform some tasks and make some quick cash.

C. Task Post:-

Task post is a field that contains all information of any specific task. It contain details of Task i.e. what type of task is? Details of task location, time, amount get paid, who created task? , who complete the task?

Our system is based on these parts A Task provider post their tasks post on the website task is most normal which can be performed by anybody within a particular time period.

These Tasks posts hold all the information on the task which needs to do information like owner who created the post, Task seeker who accepted task post, Also where it should get done and when it should get done, and how much amount would get paid.

Task seeker then receives these task post if he/she can able to do that task. After performing the accepted task; Task seeker gets paid the amount according to Task Post. After both Task providers and Task seeker can rate each other according to their behavior this very valuable for recommendation purposed.

A. Propose System :

- Registrations:

In the registration process, the user can register using email. User needs to provide important information like name, date of birth, current address, etc.

- Creating Post: (As Task Provider)

Anybody can create Task Post as per the work he/she desires to get done.

Post required certain details to field like work description, work location, date and time, amount get pay.

Submit post.

- Accepting Post: (As Task Seeker)

Different Task Posts are accessible to the users according to their area/location from which users can accept any Task Post.

After accepting task post user (Task Seeker) need to wait for confirmation of Task Post form Task Provider.

- Approval of Seeker:

There are numerous users who applied/accepted the same post so now Task Provider can choice any one seeker from list of the seeker who accepted Task Post.

Task Providers can get help from user reviews and ratings for selection of good seekers.

- Task Complication:

According to the given information, Task Seeker can perform the given task and get paid amount specified in the Post.

- Feedback:

Both Task Provider and Task Seeker can review and rate each other on their performance so it can later valuable for recommendation purposed.

5. SYSTEM ARCHITECTURE

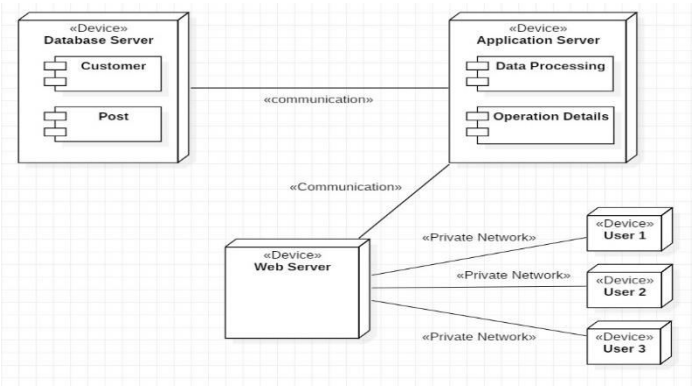

Figure 1 MVC Architecture

A. MVC Architecture

MVC is stands for Model-Controller-View is mostly use architectural pattern that separate web application into three main logical components. MVC is one of the most frequently used industry-standard web development framework to create scalable and extensible projects[12, 13].

- Model is central component of the pattern. It is application dynamic data structure. It is basically a management system of an application that manages data, logic and rules of application.
- View is user interface of the system. Which is accessible to end-user of the system.
- Controller is middle layer between views and models. It respond to user input and interact with data model objects.Controller receives the input, optionally validates it and then passes the input to the model.
- Service layer is not part of original MVC architecture but it mostly used for separating data storage (Model), data fetching (Service) and data manipulation (Controller) systems. Services are used to fetch particular type of data from database and that data after used for controller system.

6. MODELS

A. Front-End (Views)

- HTML is HypertextMarkup Language is basic element of web development. It is used to design web pages [14].
- CSS is Cascading Style Sheet for decorating html pages. It is used to make user interface more interactive [14].
- JS is Java Script elements are used for basic validation process.

B. Back-End (Controller, Module)

- PHP is used as controller to make manage data flow to design and databases. It is use to create controller system for website. [12]
- PHPMySQL is database used as back-end system to store and manipulate data throughout system.

7. CONCLUSION

After the development has complete and all the functionalities will proved to be working the study required to seek if the set objectives would be achieved and to see how the developed website will superior against the current system, its advantages and benefits, and the improvement that it has it brought that make it unique.

By using this website people can do small tasks in their nearby area and make some cash.

Individuals who have some work to do which can be also done by other people in a small payable amount.

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