WORKETERIA: A WORK PORTAL

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Abstract: “Worketeria” is a work portal web based application which aims to provide job opportunities to skilled workers who have knowledge and skills but cannot able to find the suitable job. The platform will improve the traditional way to find a jobs such as apply job from newspaper, from references. It will provide a path to workers and people, to communicate and find good from many options. With this proposed work we are trying to bridge the gap between worker and customers. It will be beneficial because no third party involvement in between them and direct contact and searching is there for both. Through our proposed system workers get their compensation as per their work and customers get their work done as per requirement in easy way of finding and deciding.

Index Terms: Web application, Skilled Worker, Labour, SWOT, Work Hirer.

I. INTRODUCTION

Our proposed system is about helping the people who are searching a job that suits their Work and their skills and also it helps to people who are searching for the workers to do their work efficiently in given particular time. It is a web based system which will help in easy communication between workers and people who wants workers to their work. It will provide a path to workers and people, to communicate and find appropriate one from many options. In this proposed system we are including all the field of work i.e. from electricians, repairer, mechanical, carpenters to home designer, software related work. So this is useful for both rural and urban people who want to do their work quick and easy. Our proposed system makes it more effective to needy people who are jobless and they can use their skills to overcome their poverty. Main concern is to develop web application to promote worker to get work in a easy manner and to promote digitalization. It aims to respond to the expected growing demand for skills as various sectors continue to develop, modernize, and grow [2].

II. LITERATURE REVIEW

Nowadays, employment has a huge social importance. Current tools for facilitating job searches lack in providing intelligent matching between employer advertisements and the curriculum vitae of the candidates. Numerous services are provided to serve the large population of users that every day navigates on the web. Many of those services are developed by means of web portals, which have become easy and useful tools to capture and manage huge volumes of information. Employment is one of the sectors to which authorities worldwide have paid much attention in the last years due to its social importance.[6]

As of 2011–12, informal workers in India comprise 85.8 percent of the total labor force Results show that workers can freely enter informal employment. In contrast, there is no evidence of self-selection into formal employment. Based on this evidence, we cannot reject the labor market segmentation hypothesis for the Indian labor market. The wage gap decomposition results show that informal workers earn less than formal workers not only because they are less skilled, but also because they receive lower returns to their endowments compared to the formal workers. Thus, policies that focus on skill development may be necessary but are not sufficient to increase formal job opportunities and reduce the formal-informal wage gap [2].

The Internet has already evolved into the primary medium for recruitment and employment processes. Over 53% of recently filled positions in Germany are the result of an online job posting and according to most forecasts this share is likely to increase further. Thus, employers would like to decrease transaction costs for publishing job posting and for preselecting appropriate candidates. Job seekers would profit from increased transparency in the labor market in their search for a matching position. In this paper, we argue that both goals could simultaneously be reached by using Semantic Web technologies within recruitment processes [10]. Why should we not use it for household workers and outside laborers?

The researchers intend to give an option to get job opportunities through the use of web technologies which is called WOEKETERIA. It aims to respond to the expected growing the demand for skills as various sectors continue to develop, modernize, and grow.
III. METHODOLOGY

3.1 Requirements Gathering
We have gone through many research websites and online content to analyze workers problems and difficulties that they are facing while finding work appropriate to their skills.
Also, we have gathered by asking people about the conditions of household day to day work from as they not getting workers for their work in time and as they want.

3.2 Analysis of the Current Process
The current process the skilled workers normally go through in job searching which involves searching jobs via references, via social media. These traditional ways of job searching may limit the skilled worker to only a small number of prospective employers [1].

3.3 SWOT Analysis
Connecting a SWOT analysis is a powerful way to evaluate website capability and impact to the current situation.

<table>
<thead>
<tr>
<th>STRENGTHS</th>
<th>WEAKNESSES</th>
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<tbody>
<tr>
<td>Increasing popularity of website.</td>
<td>Time takes as to gain popularity.</td>
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<tr>
<td>Can help in growing demand for skilled workers.</td>
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<tr>
<td>Benefit for both work-hirer and skilled workers.</td>
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<tr>
<td>Responsive design with full mobile support.</td>
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<td>Work-hirer get rapid services.</td>
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<tr>
<th>OPPORTUNITIES</th>
<th>THREATS</th>
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<tr>
<td>Get more freedom to do more work.</td>
<td>Possible competition</td>
</tr>
<tr>
<td>Increasing Income opportunities for the skilled workers</td>
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As a good practice it is a proposed system so it can reach to maximum number people on World Wide Web. It does not need specific mobile phone or device for accessing the benefits it can run on any device at any time.

IV. USER INTERFACE

![Login Page](image)
Figure-1 shows the log in page for the both customer and the workers. Fig -2 shows for the workers who is the new in the site so worker should fill the all information or details about the work and description of that work. Fig-3 shows an example of all the available categories. Fig-4 shows types services available in their area.

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Above all figures is the quick glance of the process which is involved in a Worketeria website. It gives access to market for both the work-hirer and the workers. Both work-hirer and workers should have filled their data according to the need. This data will help to find a work for the workers. There are more work opportunities will be created for the workers and work-hirer get fast and good services from the workers.

V. BUSINESS MODEL

The business model of our proposed system has the following major elements:

5.1 Key Partners

The Key Partners refer to the following:

- Test system that identified skilled workers.
- MAP API who provide map application program interface which will be used in developing the map interface in proposed system.
- Messaging API who provide application program interface for messaging which will be used in developing the messaging tool for proposed system.

5.2 Key Activities

The Key Activities refer to the follows:

- Hiring skilled workers is the activity of registering through test system which is identifies skilled workers.
- Work-hirer Support refers to the activity of providing assistance to both work hirer and Skilled Worker [1].

5.4 Key Resources

- Technological Platforms allude to the programming languages, frameworks and tools which are used for the development of the proposed system.
- Skilled workers allude to the individuals who will be providing the services being booked through the proposed system. As mentioned above, the skilled workers are tested and identified through the test [1].

5.5 Reward Streams

This refers to the source of income of Worketeria a work portal which is listed below:

- After one year, the Skilled Worker has registered to the work portal and has been actively Commission for every booked service for every booked service a 20% commission will be collected from the skilled worker who performed the service.
- A minimal quarterly membership fee will be charged to the skilled workers in order for them to remain in the community of workers. This shall only be imposed two accepting service request bookings [1].

5.6 Work-hirer Relationship

To maintain good work-hirer relationship, the proposed system will have a Rating and Feedback section where the work-hirer can evaluate the service provided by the Skilled Worker.

5.7 User segments

The User Segments in this work portal are as follows:

- Work-hirer: Work-hirer the ones who need services such as electrical, air-con and refrigeration repairs, electronic repairs, automotive repairs, and other services which Worketeria work portal will offer.
- Skilled workers: Skilled workers who want to have income or earn extra income by registering to Worketeria work portal.

The proposed at “Worketeria” provides the opportunities to the skilled workers in finding their Appropriate and suitable works through this proposed system.

Workers and work-hirer can easily connect with each other. Services provided by the work-hirer such as Plumbing, electrical services, Wedding planner, Photography services, Carpentry and other similar services can be done at home.

VI. CONCLUSION

The proposed at “Worketeria” provides the opportunities to the skilled workers in finding their appropriate and suitable works. Through this proposed system Workers and customers can easily connect with each other. Services provided by the work-hirer such as Plumbing, electrical services, Wedding planner, Photography services, Carpentry and other similar services can be done at home.
REFERENCES


