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**REVIEW 1**

**PROBLEM DEFINITION**

1. **Introduction**

Objective of this system is to providing a work to worker. Solution focused on the workers of unorganized sector includes mason, carpenters, gardener, painter etc. Work to Worker is a Web-based solution through which worker (s) registered themselves for a specific skill. Using this system general public or organized sector user can select the worker(s) as per their need. At the time of worker selection he/she can view the skill, references given by those who have taken their service in the past, area (worker location) and availability of a particular worker(s). System sends SMS to a selected worker(s) regarding work and customer details. Worker(s) confirms either through phone or this system and either fixed up meeting or work start date. Organized sector user or general public can rate worker skill, charges, particularity about time, dedication, behavior, habits etc through this system. Users can put their demands regarding particular skill workers along with project location, and project details.

1. **Existing Scenario**

How worker to find a suitable job? or How recruiters to employ workers to work for them?

There are many ways to answer these question: You can go to the centre of training and labour services or go to the office recruitment ect… but the problem is that when anyone walks into the office, they are required to fill an enquiry form with many of informations and then waitting for result ect...

But as the business is expanding day by day, so we have decided to reach the people through web-site.

**CUSTOMER REQUEST**

**SPECIFICATION**

1. **Customer Requirement Specification**

A site needs to be designed where user will register either as a worker(s) or customers (general public/ organize sector user).

If registered as a worker then they will be able to update their own profile and go through the site to view the informations about other workers or recruiters, send feedback to administrators/ recruiters.

If registered as a customer, they can update their own profile and go through the site to view the informations about other recruiters or workers. They can also choose the worker and then group them as a group that they need.

A user can also access to the website as a guest. If a user using a guest account they can only view the information at some permission areas.

1. **User of the system**

* Administators
* Worker on from unorganized sector
* Customer – Organized sector (builder, constructor)
* General public

1. **Functional Requirement Specification**

* Secure Registration of users (workers) and customers (general public/ organize sector user) with any type of centralized security mechanisms (election card, passport, pan card etc.).
* Workers are classified into various groups & categorized namely aware skilled, semiskilled, etc...
* State can be modified by feedback system & workers rating evaluation algorithms.
* Profile management facilities for both laborers and customers.
* Chat/mail/SMS services (preferably multilingual).
* Customer can make a community for reference purpose etc.
* Customer can give their feedback for worker(s) who worked for them.
* Worker can view details information project (organized sector) in particular location.
* Worker can maintain the work calendar which should be exported to txt; xls or pdf format, there must be mechanisms for face-to-face meeting with customer.
* Local language support.
* Administrator able to generate various reports graphs on strategic data which should be exported on xsl or csv format, also able to backup/recovery data.
* Facilitate appropriate communication between all stakeholders - Discussion forum/chat/mail/polls.
* User Manual.

1. **Requirements for users of the system**

* **Requirements for website administrator**
  + **Input**
* Login information: username and password
* Information for changing their own profile
* Information for viewing and deleting worker’s, general public’s organized sector’s profile
* Feedback and technical support content
* The type of report and the locale path
  + **Output**
* Information about each finished task
* Information about worker, general public, organized
* Information of the report
  + **Process**
* Check login information
* Check valid input information
* Check entities integrity
* Maintaining report
* **Requirements for worker**
  + **Input**
* Login information: username and password
* Information for changing or viewing their own profile
* Information for viewing other worker’s, general public’s organized sector’s profile
* Feedback to administator or any organization they work for
* Choose the type of report
  + **Output**
* Information about each finished task
* Information about worker, general public, organized
* Information of the report
* Technical support content
  + **Process**
* Check login information
* Check valid input information
* Check entities integrity
* Maintaining report
* **Requirements for Customer – Organized sector**
  + **Input**
* Login information: username and password
* Information for changing or viewing their own profile
* Information for viewing other worker’s, general public’s or other organized sector’s profile
* Feedback to administator or any organization they work for
* Information for viewing the administator or worker
* Choose workers to work for
* Choose workers to grouping them as a group
* Choose the type of report
  + **Output**
* Information about each finished task
* Information about worker, general public, organized
* Information of the report
* Technical support content
* Information about admin’s or worker’s feedback
  + **Process**
* Check login information
* Check valid input information
* Check entities integrity

Maintaining report

* **Requirements for General public**
  + **Input**
* Login information: username and password
* Information for changing or viewing their own profile
* Information for viewing other worker’s, other general public’s organized sector’s profile
* Feedback to administator or any organization they work for
* Choose the type of report
* Information for viewing the administator or worker
  + **Output**
* Information about each finished task
* Information about worker, general public, organized
* Information of the report
* Information about admin’s or worker’s feedback
* Technical support content
  + **Process**
* Check login information
* Check valid input information
* Check entities integrity

1. **Technology**

* PrimeFace Framework
* JavaServer Face Framework
* J2EE
* JSP, Servlet
* HTML
* EJB

1. **System Requirement**

* **For Users**
  + **Hardware**
    - CPU: Pentium IV 2.0 GHz or higher
    - RAM: 512 MB or higher
  + **Software**
    - OS: Windows XP Professtional, Windows Vista, Windows 7, Windows 8
    - Browser: Internet Explorer 7.0 or higher, FireFox, Chrome
* **For Software Developers**
  + **Hardware**
    - CPU: Pentium IV 2.0 GHz or higher
    - RAM: 1024 MB or higher
  + **Software**
    - OS: Windows XP Professtional, Windows Vista, Windows 7, Windows 8
    - Netbeans 7.3
    - JDK 1.7
    - Microsoft SQL Server 2008
    - PrimeFace Framework
    - GlassFish Server
    - Browser: Internet Explorer 8.0 or higher, FireFox, Chrome