Outsourcing

About Project

Outsourcing is a marketplace where people who need custom software developed can find coders in a safe and business-friendly environment. Buyers can pick from a pool of registered coders...enabling them to hire a coder across the country or across the globe from the comfort of their computers.

Coders and buyers both can be benefited from this Bidding. Buyers who wish to hire internationally, can take advantage of favorable overseas exchange rates, resulting in work being done for 50-90% less than if the project were done in-country. Coders are also given access to a huge pool of potential work and have the ability to work independently from their homes rather than for a company

How does it work?

Buyers often need custom software developed to enhance their business or for personal use. These buyers post their projects on this site, along with a maximum amount that they are willing to pay.

The project is seen by coder’s available worldwide and they place their bids on doing the work. The buyer can browse through each bidder’s resume, certifications and previous work history (including comments left by previous buyers) on the site.

When the buyer finds a coder they like, they can hire them on the spot. To make the transaction a safe one, the buyer does not pay the coder directly, but escrows the funds into a special account. This guarantees to the coder that the buyer is credit-worthy, and also reassures the buyer, because the coder receives no money until the work is completed.

When the work (or pre-agreed on portion of the work) is completed…the buyer releases the funds to the coder. When the work is completed, both parties rate the other party to help future buyers and coders on the site.

Should a problem arise, the site facilitator will step in to help out. Should a dispute occur, the facilitator arbitrates according to the rules of the site to ensure a fair and equitable outcome for both parties?

Identification of Need:

Before developing this system, the various activities are performed and reports are prepared manually. The main disadvantages of the ‘Manual System’ are:

* Laborious work which requires more man power
* More prone to human errors
* Duplication of work at the Divisional level
* Lack of uniformity/conformity in data
* Differences in opinions, Rules and Regulations.
* Less flexibility and more time consumption
* Unnecessary in paper work, which reduces the value addition
* Lack of accuracy
* Decentralized data, which increases the time for retrieval
* Less transparency as the information is maintained individually

At present, all the application packages in any company maintain individual registers for their local references. There is mismatch between the data and Codification present in all the existing packages. This leads to a state of confusion with the different packages acting like isolated islands. The integration of these packages can be made possible only through the design of a centralized database.

Through Computerization, sophisticated technology can be used for making the information more flexible, accurate, and secure and user friendly. Time and manpower can be more effectively utilized. Online information can be made easily available at random to any user at the same time maintaining high level of security.

Everything is done manually in current system. A few of the components are being processed automatically using computers but as such no specialized application exist to take care of the complete process

Proposed System

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Module Description

The Outsourcing can be differentiated into the following modules:

* Coders Module.
* Buyers Module.
* Admin module.

Coder’s module:

Registered coders are able to see the projects posted by the buyers and can able to go through the details of the project to be done and even can download the documents uploaded by the respective buyers.

Each coder will be having some rating according to the performance by him in his previous projects, can view all the projects that are lost, gain, pending, completed and arbitration projects.

* Registration
* Profile editing or viewing
* Bid a project
* Search projects
* Mailbox.

Buyers Module:

Registered buyers are able to see all the coders profiles their ranking which help them to asses each coder and give the approval for the project. Buyers can post projects; can view all the projects completed, pending and even arbitration projects.

* Registration
* Profile editing or viewing
* Posting a project
* Search coders
* Bid requests
* Mail box

Admin Module:

Administrators are able to monitor the whole system. Administer the coders and buyers rankings and arbitrations for a settlement.

Setting up the rules of the site and monitoring the people all over the site without any disputes.

* Authorizing a User
* Chatting
* Mailbox.

Software Requirement:

This system is developed using the following software.

Operating System : Windows 2000 server With Internet Information Server

Technology : ASP.NET with C#

Data Access Component : ADO.NET

Back End : MS SQL Server 2005

Hardware Requirement:

This system is developed on the following hardware configuration.

Pentium III processor

128 MB Ram

Hard disk 40 GB

Microsoft Compatible 101 or more Key Board

Scroll Mouse