Abstract

Over the years, businesses have been cringing under the heavy weight of insufficient resources for optimum business delivery. The field of operations research has helped a great deal in ensuring that decision variables are optimized (maximized or minimize) for maximum yield. However, in as much as these techniques are efficient in the management of the quantity of resources or number of people to be engaged in certain services, to ensure optimum results, it has not been able to create a way out of the dearth of expertise for the execution of certain specialized tasks. The job outsourcing portal which was developed will be a hub for submission of jobs/projects (services), convergence of service providers (resources) and the allocation of available jobs (services) to relevant service providers (resources) in order to meet business goals and objectives much faster. The portal was developed using Hypertext preprocessor (PHP), incorporated with Hypertext Markup language (HTML) and MYSQL database was used for the backend support. The adoption of this system will ensure a conglomeration of experts
in a centralized location (the portal) and will aid the computerization of the outsourcing process, which will eventually have a ripple effect on quality job rendering in enterprise

References

- Andy H. (2004). "PHP 5/ MySQL programming for the absolute beginner"
- The Grid community (2008), "Building a Grid: The Hardware" URL: http://www.gridcafe.org/underlying-hardware.html
Index Terms

Computer Science  Grid Computing

Keywords

Job Outsourcing Process  Service Providers  Portal  Hub And Resource Virtualization