



Portal Solutions and e-Commerce Applications

The Internet introduces significant opportunities for companies to reach new markets and to streamline their internal business processes. At the same time, these opportunities generate new challenges because applications must be delivered quickly and must serve vast number of users.

CCS has a high level competence in the e-business development arena building Enterprise-wide portals and Workflow-enabled applications using latest technologies. The e-business expertise at CCS can enable the companies that create e-business websites to overcome the common problems and challenges associated with developing and deploying applications. The business process based integration expertise at CCS can model, automate, and continuously improve the business processes, routing information of any type according to user-defined business rules.

Portal Solution – a case study

CCS has developed & launched an Enterprise Portal for **Malayala Manorama**, the largest circulated vernacular daily and 24 other publications in India. This is an enterprise-wide intranet portal with workflow enabling critical employee-to-enterprise interaction. This portal provides opportunity to share knowledge and information within the company. It acts as an entry point to business applications, a place to buy products and services and as a media to socialize with each other within the organization.

Important features of this portal are:

- **Single Sign-On** - Every user will have a common gateway to all applications and information system, as per their designated access rights.
- **Identity Management** - This is a fully secured system which does not allow any user to access any unauthorized information in the organization
- **Workflow** - This will have workflows enabled, to avoid paper movements, and to speed up approval process of various functions (for example, Leave application & approval, Overtime approval, Special rates approval for advertisements, etc.)
- **e-Businesses Integration** – Facilitates the communication with applications of different nature developed and used within the organization. This feature will also allow the interaction with different trading partners.

For building portal solutions CCS make use of completely compliant open standards such as J2EE, Web-Services, XML, HTML, LDAP which can be deployed to Oracle Application Server.

Oracle Application Server is a part of the Oracle platform, a complete and integrated e-business platform. The Oracle platform simplifies the process of creating and deploying the applications that run the business on the Internet. It is a completely standards-based application server that provides a comprehensive and fully integrated platform for running websites, J2EE applications, and Web services. It addresses all the challenges in refining the business processes to become an e-business. With Oracle Application Server it is possible to simplify information access for customers and trading partners by delivering enterprise portals, which can be customized and accessed from a network browser or from wireless devices. It allows to redefine the business processes, and integrate applications and data sources with those from customers or partners.

Oracle Application Server is built entirely on a **J2EE framework** that supports the latest industry standard technologies and programming languages. This comprehensive and flexible framework allows to design, develop, and deploy dynamic websites, portals, and transactional applications using familiar programming languages and technologies such as Servlets, Java Server Pages, XML, PL/SQL Server Pages, and SOAP.

e-Commerce Application

Online Rental System is an e-Commerce application developed by CCS Technologies for running DVD Rental / Sales business exclusively through the Internet. This application is capable of customizing in such a way that any requirement for online business or transactions can be taken care of. This is featured with payment gateway interfaces for Net Banking or Credit Card.

Important features include :

Personalized Home Page, Easy Search and Browse, Member Account Page, Multiple Membership types, Shopping Cart, Payment Gateway Integration, Customer management with full activity history, Sales promotions management, Web content management.

Also there are a number of reports available for successfully running the business.

This is developed in Java/JSP to make it platform independent and is tested for Windows/Linux and different application servers for immediate deployment.

Review the full product at www.getmemovies.com

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