



Elegant MicroWeb
Delivering the Value of Technology

Case Study

Design and development of a Professional Networking Community Portal based on Liferay Platform for client in Germany



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Client

The client provides market research and B2B professional networking community services for the wireless communication industry in Germany.

The Company

The client operates a business-to-business community focused on wireless market research & intelligence in Germany. Members of the community routinely identify and share sources of market and product research with their peers as well as search for events of significance to their daily work.

The Objective

The client desired to have a Professional Networking Community Portal that would allow users to find all relevant information pertaining to their area(s) of interest. The portal would also serve as a promotional platform for companies

providing market/product/company research, organising events and conferences, hosting webinars and webcasts. The client wanted content to be maintained, classified and tagged by users as well as companies. The portal needed to have the ability to create Groups for Information Providers, Professionals, Analysts, Press & Media, Organizations, and Industry Bodies and stimulate user interactions. Finally, it was crucial to address client concerns about maintaining security and scalability at various architecture layers.

The Solution

Elegant MicroWeb studied client requirements, conducted a features mapping exercise amongst various CMS frameworks like Joomla, Drupal, and Liferay, prepared a comprehensive feature matrix covering all client requirements and then proposed Liferay framework for the Portal. Elegant MicroWeb developed the portal with well defined templates and easy-to-navigate layouts using latest technologies such as ICEFACES, JBOSS seam, JPA, JSF were used to achieve all stated objectives.

Administration portlets like Category Management, Event/Webinar Management, News Management, Order Processing Management, Messaging



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Management, User Management and Report Management were developed with administrative rights assigned to administrator.

Elegant MicroWeb also developed content submission wizards with Free as well as Premium subscription plans that allow submission and uploading of Reports, Events, Whitepapers, Presentations, and Blogs. Other features of the portal include a background scheduler that helps manage email alerts to users, Integrated RSS subscription feed for News, and an Online Payment gateway (PayPal) for credit card payments.

Major features:

- Admin interface:
 - User Management
 - Admin Global Email Alerts
 - News Management
 - Order Processing Management
 - Reports Management
 - Events/Webinars Management
 - Category Management
 - Messaging Management
 - Statistics on Data Entry, Visitor Views, Messages
- Archiving removed Users and Content
- User (Client) interface:
 - Custom Registration and User interface for User Groups
 - Content submission wizards for content such as Reports, Events, White papers, Presentations, Blogs
 - My Account area for users to manage posted contents / profile
 - Online Payment gateway(PayPal) integration for credit card payments
 - RSS Subscription feed for News
 - Free as well as Premium subscription plans for Report submission.
 - Display Reports details based on subscription plan selected
 - Search, List and View of details by different content types
 - Browse contents/ players by categories
 - In-portal messaging system for sending Group messages to defined user groups
 - Background scheduler for email alerts to users
 - Comment management
 - Bookmark specific content
 - Submit content to LinkedIn /Twitter

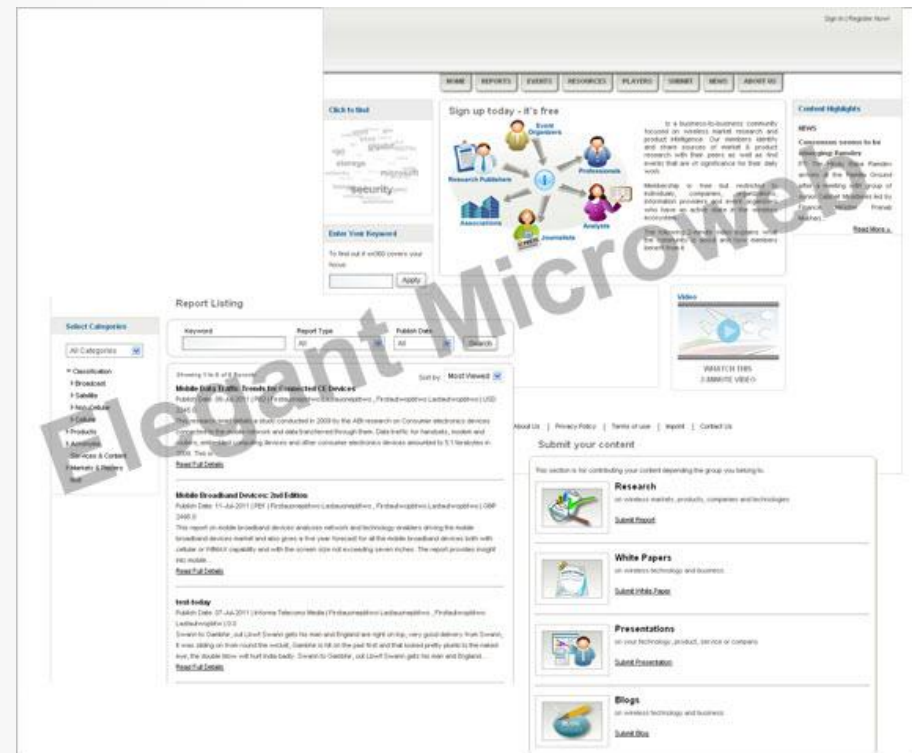


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The Technology

Operating System : Linux (Any)
Framework : Liferay v5.3.2, JSF/Facelets, IceFaces, JBoss Seam,
JPA
Back-end : MySQL





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Elegant MicroWeb Role

Elegant MicroWeb worked closely with the client throughout the life cycle of application development for:

- Requirements and Feasibility study
- Technical Evaluation and requirement mapping of various CMS frameworks such as Joomla, Drupal, and Liferay
- Architecture and technical framework design
- Design and development
- Deployment
- Maintenance and Support
- User Acceptance Testing
- Documentation

Conclusion

Elegant MicroWeb team worked extensively for defining requirements, preparing a comprehensive feature matrix of all client requirements and mapping it against various CMS and portal frameworks to design the best professional community portal solution. Latest technologies were utilized to execute client requirements within the Liferay Portal Framework. Close co-ordination of Elegant MicroWeb team with the client ensured successful and satisfactory implementation of project within budgeted costs and timelines.



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