



**Elegant MicroWeb**  
Delivering the Value of Technology

# Case Study

**Elegant MicroWeb Builds Digital Library Portal for Gujarat Tourism, India**



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# Case Study

## Elegant MicroWeb Builds Digital Library Portal for Gujarat Tourism, India

### The Client

The Gujarat Tourism organization known as the Tourism Corporation of Gujarat Ltd, promotes tourism within state of Gujarat and provides comprehensive travel assistance and services to the tourists coming to visit Gujarat with services that include accommodation, conducted tours and ground transport with a wide range of choice to meet diverse needs. The Gujarat Tourism Corporation generates extensive digital content in the form of videos, photos and images, brochures, documentaries, advertisements and other data.

### The Objective

As part of its tourism charter, it has a myriad of stakeholders including government users, visitors, bloggers, reporters, journalists and TV media professionals. In the past, users could not easily search and locate digital content files based on their topic of interest. To find the desired information, required a complicated manual process in which users would review each repository one-by-one and select content. Furthermore, users did not have any tool to easily search integrated data or allow users to share content with other stakeholders.

### The Solution

Elegant MicroWeb, a trusted partner for quality software delivery, built and implemented a centralized digital library portal for the Tourism Department of the State of Gujarat to categorize and search content and share the digital content with internal and external stakeholders. Content includes images, videos, sound files, documents and more. Users can now search and download information and digital content files and invite others to access the portal and find, download and use the digital content relevant to the subject of interest. The new Digital Library developed by Elegant MicroWeb supports data categorization and organization in structured, searchable form and allows users to browse, preview and download videos, photos and other digital files, with an easy to use interface and provides the ability to easily organize and share information without frustration, and to optimize their time on the site. The creation and implementation of a searchable data repository allows for on-the-fly conversion from one file format to another and supports many popular file formats. This new digital library ensures user adoption and satisfaction, allows for fine-grained data security and access controls for user rights and administration.



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The scope of the project included:

- Multilingual Digital Library Web Portal in English and Hindi
- Digital Library Web Portal containing all forms of promotional and non-promotional media on a single shared infrastructure. The aim is to create a central repository of all the data and media available for research and promotional purposes
- Responsive user interface with Desktop, Tablet and Mobile interfaces

The solution features:

- Authentication & Authorization with role based access rights
- Documents & Digital Content
  - Add, Edit, Delete, Active / Inactive documents
  - View documents in list and grid view
  - Document versioning & details
  - Document preview
  - Share documents
  - Download documents
  - Convert documents on fly in various formats
  - Favorite documents

- Support of more than 50 file formats preview and conversion including MP3, MP4, AIF, IFF, M3U, M4A, MID, MPA, RA, WAV, WMA, 3G2, 3GP, ASF, ASX, AVI, FLV, M4V, MOV, MPG, RM, SWF, SRT, VOB, WMV, VCD, ISO, DMG, MDF, DOC, DOCX, XLR, XLS, XLSX, ODT, RTF, TEX, TXT, WPD, WPS, CSV, DAT, GBR, PPs, PPT, PPTX, XML, PDF, PCT etc...

- FAQs
- Other CMS driven pages
- Dashboard showing aggregated number of documents, usage, trends etc.,
- Reports
- Audit Trail

### The Technology

- CMS Framework: Liferay, Database: MySQL
- Document previewer & Conversion



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### Elegant MicroWeb Role

The Elegant MicroWeb team provided support, knowledge and skill in the following areas and activities:

- Requirement understanding and roadmap planning in close consultation with IT managers & consultants
- Technical feasibility
- Architecture, Development, Maintenance and Support
- Continuous enhancement, up gradation and roll out for various tools
- Testing, including performance testing
- Implementation, integration and support
- Support & Training to business users and IT team

### Conclusion

Within its charter, the Gujarat Tourism organization promotes tourism within the state and provides support for visitors and residents with comprehensive travel assistance and services including accommodation, conducted tours and ground transport and a wide range of choice to meet the diverse needs of visitors and to promote the many historic sites and sites of interest in Gujarat. As part of this charter, the Gujarat Tourism Corporation generates extensive digital content in the form of videos, photos and images, brochures, documentaries, advertisements and other data. In the past, the users of the tourism department had to engage in a complicated manual process to review each data repository one-by-one and select content because there was no one tool to easily search integrated data or allow users to share content with other stakeholders. The Elegant MicroWeb team built and implemented a centralized digital library portal to categorize and search content and share the digital content with internal and external stakeholders. Content includes images, videos, sound files and documents, so users can now download information and digital content files and convert any content from one format to another, and invite others to access and download the content from the portal. This project was completed on time and on budget.



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### **Contact Us**

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EMR5153C – Case Study – Digital Library Gujarat Tourism - Version 1.0 - Published 2017  
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