

Content Management System (CMS) for Government Organization



Government Department Department of Information Technology

Solution Category:

- Enterprise Solutions
- Web Portal
- e-Governance Solution

Industry Sector:

- Public Sector

Software/Platform:

- .Net

Profile

Advancement in technology is something any government should look on. Management and monitoring of various government offices across the state is a mammoth task. Further to this management & monitoring of website for the department & offices and for this daily communication with offices is a difficult one for the government officials.

Important Activities in the Department:

- Management of offices spread across the state
- Taking various reports from all offices
- Issue Order/Circular for all the office
- Various type of communication through letter between the offices
- Management of website their department
- Management of website for their different-different office

Need

The government required a platform to automate all the activities dynamically which can also be a bridge between Department Head Office, Sub-Offices and Citizens to interact and exchange information. It should serve as a single point of information and reporting from various sources.

DEV IT had a solution to provide a dynamic CMS based website application including various required MIS reports.

- Developed website should be bilingual
- Developed website should be compatible to all major browsers.i.e. responsive design
- Website should have geo locator which can be integrated with Google Maps for department/organization address location
- It should have breadcrumbs feature
- Single click theme changing/Multiple theme feature
- Website should be SEO Friendly

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For more details:

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- There will be a clear distinction in content for authorized user and general user by restricting through login credentials
- System will auto archive all the outdated announcements from website

Challenge

- Support and training to remote level stakeholders
- Training to stakeholder about CMS for end to end process
- Designing different websites for various stakeholders at different level
- Managing the huge traffic on website/CMS
- Managing the huge database
- Connectivity at de-centralized level
- Integration with third party application if required

Solution

- DEV IT outlined plan for such kind of solution. As envisaged and studied various department's process, we have developed a CMS having Following features
- Set a unique page name for each page on your website
- Pages Management Create/Edit/Publish/Delete
- Text Content Add/Update/Delete.
- Content can be anything it requires almost no technical skills or knowledge
- Page updates dates can automatically be set to post or remove content from your site
- Use alias URLs to give multiple URLs to one webpage and create end number of sub-websites.
- Enter in Metatag Keywords to help search engines better understand your website's content
- Create your own Metatag Descriptions to entice readers to click on your website once it displays on search engine result pages

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- Inbuilt Facility for Search Engine Optimization.
- Support multiple formats like PDF, DOC, DOCX, TXT, JPEG, JPG, PPT, etc.
- Upload / Delete Images
- Videos Upload / Add / Delete. policy on the users through GPO in order have secured data protection. We disabled the users who haven't logged on the server since long time
- We removed all the unwanted software which were a threat to the security. Also, we installed latest antivirus software with the updated definitions to secure the server from any malicious attack
- To provide 24x7 monitoring services, we have enabled critical service on the server through monitoring agent.
- Also, we have been delivering 24x7 support to all their endpoint devices
- Templates Upload / Activate
- Support template based content presentation.
- Facility to define templates for website.
- Menu & sub menu management facility also it will support various type of menu style like drop-down, fixed etc.
- Bilingual support
- User Management: CMS has a registration system that allows users to configure personal options. CMS have various types of permissions on what users are allowed to access, edit, publish and administrate

Benefits

- No tendering for different-different websites
- Online connectivity established between stakeholders
- Intranet and document repository helps officers on the fly
- Centralized document repository
- Electronic face of government
- Single source for disseminating govt. information
- No queues in government offices for information
- Less physical visit of citizens at government
- Seamless availability of information

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- Quick response to end users