NewsNIC

"e-News Clipping" Solution from NIC

"News Clippings Service" is one of the common services provided by every kind of libraries and information centres. In the old days under this service, libraries used to provide copy of the important NEWS items published in various national and international Newspapers. During those days, libraries used to cut and paste these news items on plain papers or take xerox of these news items and then circulate these among the key officials in their organizations.

Now, use of Information Technology has changed the mode of News Clipping Service in libraries and information centres. This certainly has facilitated wide circulation of the news items in networked environment with better archives searching. Moreover, with the availability of web technology and user friendly database technology, it has become possible now to provide News Clipping service in full-text over the world wide web.

In this direction, National Informatics Centre (NIC) has always been a pioneer force to design the application software for libraries. Recently, NIC Library has designed such a new application software for "e-News Clipping" service called as "NewsNIC".

"NewsNIC" provides a web-based, full-text access to NEWS items using web interface. It has been packaged with an easy user interface for clients to prepare news items and then to upload these news items on web server.
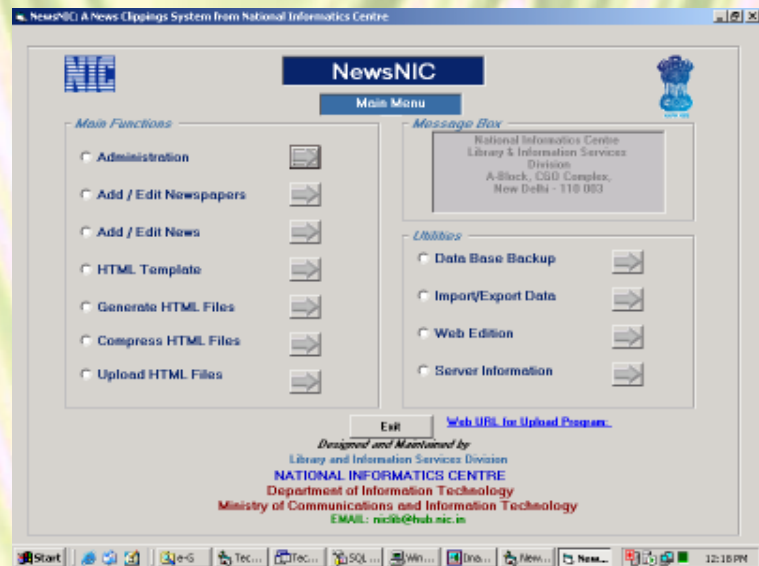

Fig1. User Interface for Client PC

❖ Back end in MS-SQL
❖ Web Interface is in HTML /ASP with VBScript

◉| Salient Features

❖ Works in Client / Server mode
❖ User-friendly Interface
❖ Error-free operation
❖ Data upload program in-built
❖ HTML files generation module
❖ File Compression facility available
❖ Auto – Indexing of NEWS items
❖ Web Publishing interface in-built
❖ Basic/Boolean search interface
❖ User based security features
❖ Full-Text search possible Modules

◉| Technology Used

❖ Front end designed in VB6

■ Admin Module:

This module is used to add/edit/delete Users to operate software.

Newspapers Module:

To add/edit delete Newspapers profiles.

News Module:

To Add/Edit/Delete News items from back-end database.

HTML Template:

It is also available for advance users to prepare NEWS items in HTML format.

HTML Files Generation:

This module is used to prepare HTML files for NEWS items

Compress HTML Files:

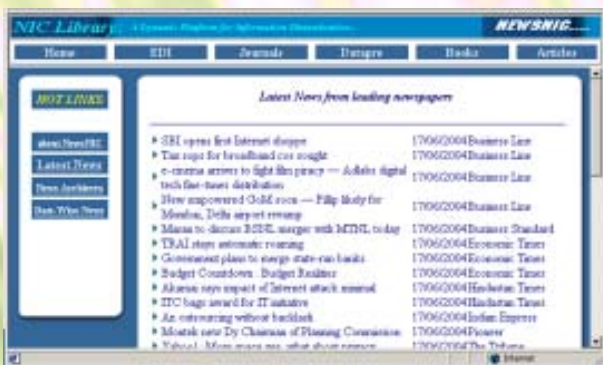Used to compress the HTML News Files to save the system space

Fig.2: Web Interface

Upload Files:

Used to upload HTML News Items in database at back-end.

Server Info:

Used to store Server Information.

Web Interface:

Used to jump on Web Interface to access the NewsNIC web site.

System Requirements

- ❑ Web Server with 'Windows 2000 Server' or higher version of OS
- ❑ Internet Information Server 5.0
- ❑ Clients PC with 'Windows XP / 2000 Professionals'
- ❑ LAN/Internet Connectivity
- ❑ MS-SQL Server 7 / 2000 or higher version

Cost

Software is FREE for Government / PSU / Semi-Government organizations. Other type of organizations can also approach with the proper request for free copy.

Implementation / Training

Implementation and training is free for all the Government / Semi-Government / PSUs, etc. However, customer has to provide the Travel facility / expenses to the NIC Officials.

Who Will Use This Software?

This software will be useful for all kinds of libraries andinformation centres, information disseminating agencies, bibliographic agencies, etc.

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