1 System

The library is an arena of possibility, opening both a window into the soul and a door onto the world. –Rita Dove

The Systems Module consists of:

1.1 "System Configuration" Menu

Using this form you can make changes to the global preferences in Senayan applications, such as: Library Name, Public Template (of the OPAC display), Default Application Language, Admin Template (Admin view), Number of Collections to Show in OPAC Result List (number of titles that will be displayed on every page in the OPAC), Show Promoted Titles at Homepage (showing title in the home page), Disable/Enable Quick return (to allow the return of items with a quick method), Enable/Disable Loan Limit Overrride (ability for staff to override limits), Disable/Enable XML details in the OPAC, Disable/Enable XML results in the OPAC, Allow (allow) or Forbid (forbid) visitors/users to download the file attachment in the OPAC, Session Login Timeout, and Barcode Encoding. In this menu too, we can see which version of Senayan we are using.

Figure 1.1: Senayan Global Configuration

Show Promoted Titles at Homepage Module Feature on this system: if the check box is checked, the front of the OPAC display will be blank, unless there is a set of bibliographic data to display on the front page. See the Add New Bibliography menu in the bibliography module.

Commencing Senayan3-stable11, there is a feature to specify the date of loan and for return, manually. This feature can be enabled through the System Configuration Module, using the setting for Loan and Due Date Manual Change (Enable/Disable). (This feature is accessed in the Circulation Module)

1.2 "Content" Menu

This menu is used to change the appearance of the Senayan application content . By default, views that already exist and can be modified in this menu are: Homepage info, located at the front of the OPAC [displayed when "Home" is clicked]; Welcome to Admin page, [the initial display when entering the Admin menu (Senayan Management Console)]; Help On Usage, [accessed from the OPAC]; and Library Information, [also accessed from the OPAC].

Figure 1.2: Default Content Menu configuration

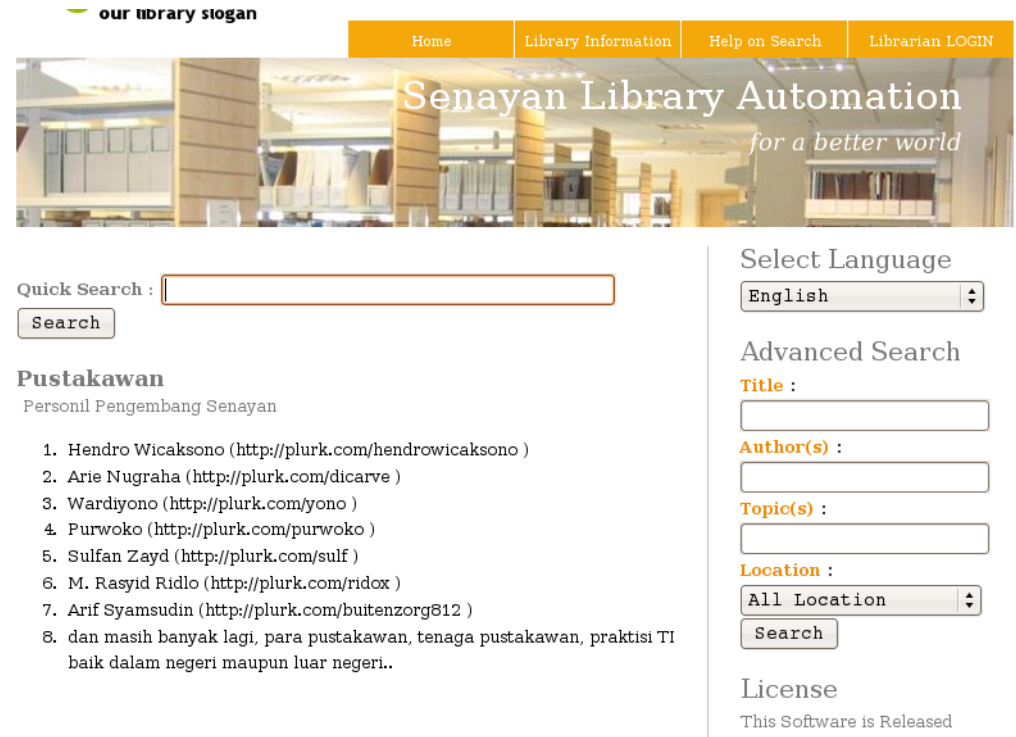
Figure 1.3: Adding Content

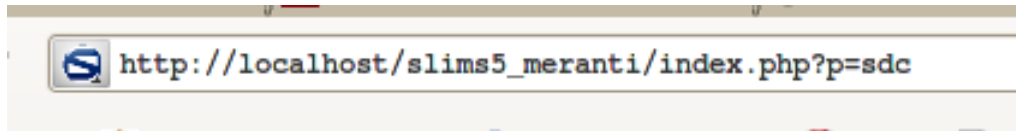Figure 1.4: The appearance of the new content

Figure 1.5: The URL to display the content

Please see the URL for displaying the content, above.

Consider a path created for the new content that is 'librarian'. To display this content with librarians path, then we need to write the url:

`http://localhost/slims5_meranti/index.php?p=librarian`

We can create the navigation to this URL in the OPAC by editing the template.

1.3 "Biblio Indexes" Menu

This menu is used to index the bibliographic databases used by SLiMS. Given this indexing, the search performance of SLiMS will be improved .
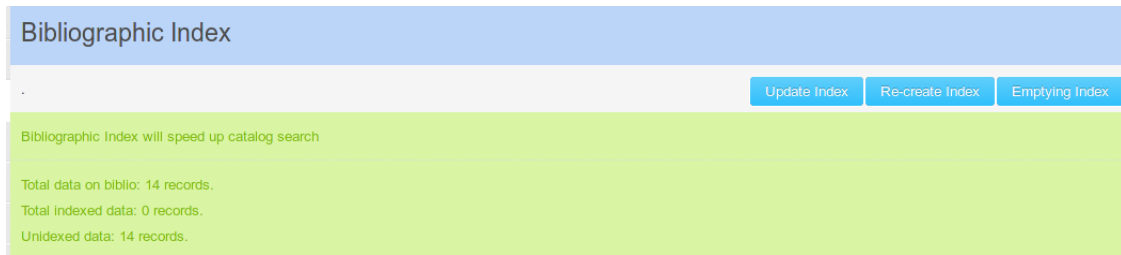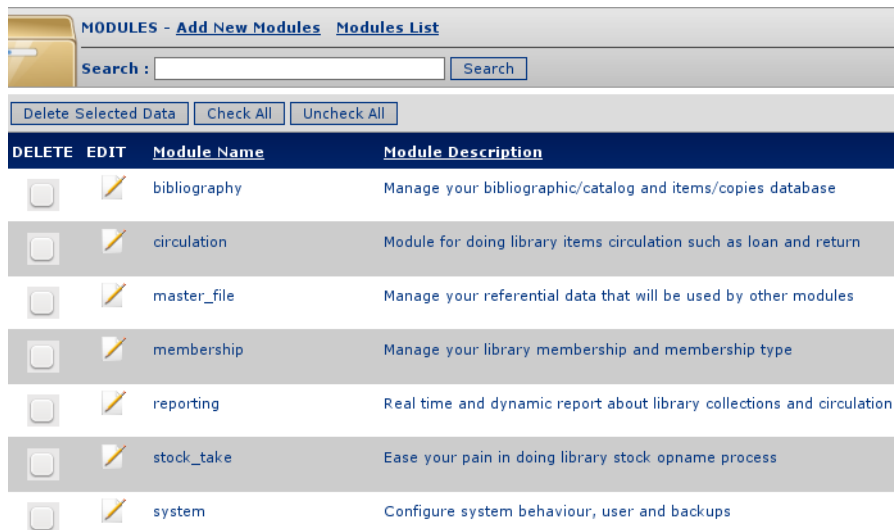
Figure 1.6: Bibliographic Index System Module

There are three functions in this menu:

- Emptying the index: to clear the existing index results

- Re-Create Index: to re-index the database of bibliographic data

- Update the index: to index new bibliographic data that has not yet been indexed.
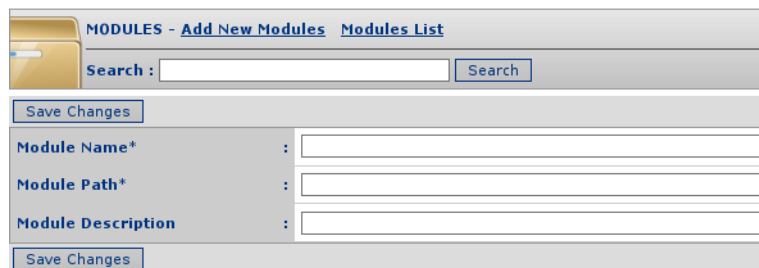
1.4 "Modules" Menu

Provides the functions of Module List (listing existing modules), Search (search for a module), Edit and Delete Modules, and Add New Module (add a module).

To add a module, the module folder must already be placed in the folder admin/modules/. Then click the Add New Modules, fill in the information of the new module, namely: Module Name (the name of the module), Module Path (path/location of the module), Module Description (brief description of the module), and then click "Save".

Figure 1.7: Module List

Figure 1.8: Add New Module

1.5 "System Users" Menu

A facility to determine which users can access the system, according to their permissions. These users will be able to perform a login according to their username and password respectively. This menu contains the options: Add New User (adding users), Users List (list of users), Search (search for a user), Edit and Delete user. To add a new user, click Add New User, and then fill in the Login Username, Real Name, Groups (that they will belong to), and Password.

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Figure 1.9: Add User

1.6 "User Groups" Menu

A facility to define Groups of Users. In this you can create groupings of your system users and grant read (Read) or Write (Write) permissions for the Senayan modules. Each user can be placed in more than one group.
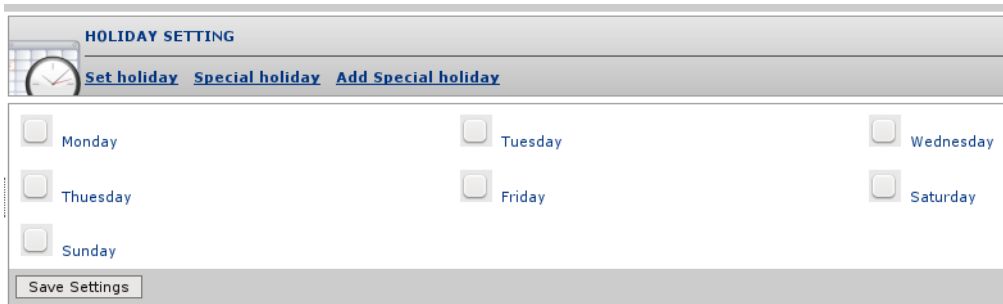
Figure 1.10: Example of Senayan groups

1.7 "Holiday Setting" Menu

A facility to determine days off, where the library is not open for service. Defining these holidays will effect calculation of weekdays the library is active/open, and fine calculation. There are two types of holidays that can be defined in this menu, regular days off (Monday till Sunday) and special holidays (defined by date, month and year).

Figure 1.11: Set Holiday
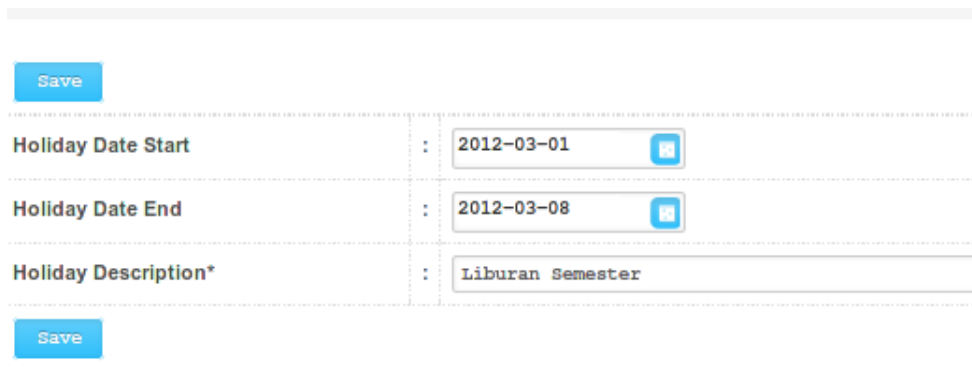

Figure 1.12: Add Special Holiday

To Set Holidays, librarians just choose the day(s) that is a routine holiday . For the Add Special Holiday, librarians can determine the date, month, year and description of the holiday. In addition, Special Holidays can also be configured with a range of time-off (from the start date until the date of completion of holidays).

1.8 "Barcode Generator" Menu

A facility to create barcodes.

Figure 1.13: Form for creating barcode(s)

Figure 1.14: Resulting barcodes from Barcode Generator

Enter the code that will be made into a barcode in the columns on the screen. Determine the size of the barcode (Small, Medium, or Big), and click the Generate Barcode. Then it will be seen in the form of a barcode , inHtml and can be printed in a printer. The default encoding used is barcode 128B. You can modify this barcode encoding in the Senayan global configuration file , sysconfig.inc.php.

Find the line that reads:

```
$sysconf['barcode_encoding'] = '128B';
```
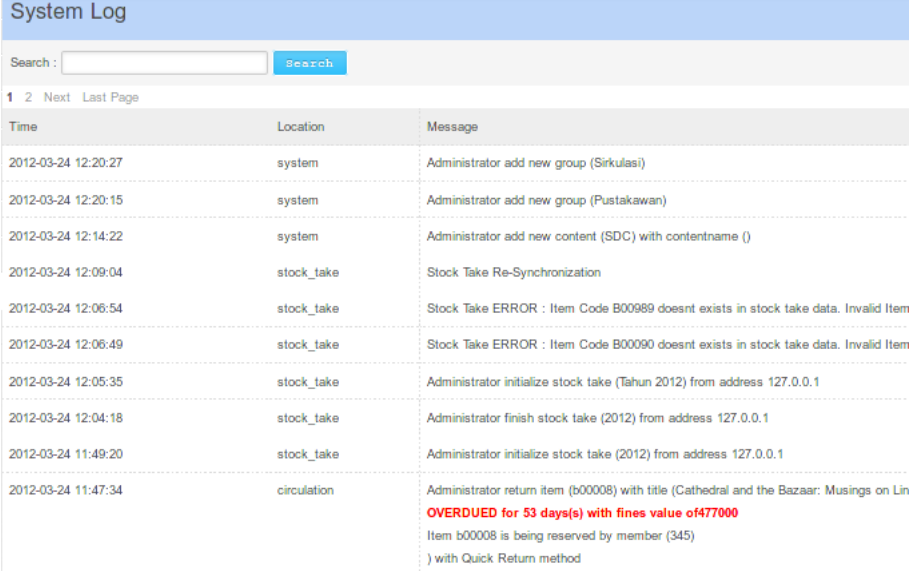
Change the value of type 128B to the encoding you want. Make sure the images directory is writable by the web server.

> Note:
> The characters that can be processed in the Barcode Generator are just the alphanumeric character set.

1.9 "System Log" Menu

This is a menu to view the recorded processes conducted by the Senayan system. Records that are produced list Time, Location (module name), and Message (description). Messages that appear in the System Logs include Who (User/Administrator), conducted what ,and where.

Figure 1.15: System Logs

When the Senayan application has been used, it will automatically log the Senayan work and the log size and load will also increase. Therefore, the system log menus, also contains the facility to SAVE LOGS TO FILES. This process will save the existing log, and then we clean the screen with a click on CLEAR LOGS.

1.10 "Database Backup" Menu

A facility to backup the Senayan database . To be able to back up, the mysqldump file path must be defined. The trick is to edit the file sysconfig.inc.php. Find the line that reads:

```
$sysconf['mysqldump'] = '/usr/bin/mysqldump';
```

and replace /usr/bin/mysqldump with the location of the mysqldump binary on the server computer. After the mysqldump path has been set accurately, click Start New Backup and Senayan will back up automatically. The format of backup files created by Senayan is .sql in layout and named according to the creation date- for example: backup_20080501_123106.sql. This Backup file name means: made on the 1st of the month 5-year 2008, at 12:31:06.

Note: to do this backup, the mysql database user must have the right to LOCK TABLES