

**Criterion- 4: Infrastructure and Learning Resources****4.2.1 Library is automated using Integrated Library Management System (ILMS)**

- Name of ILMS software: **Software for University Library (SOUL)**
- Nature of automation (fully or partially): **Fully**
- Version: **2.0**
- Year of Automation: **2006**

The Software for University Libraries 2.0 (SOUL 2.0) was released in January 2009. The second version of SOUL is a state-of-the-art integrated library management software designed and developed by the INFLIBNET Centre based on requirements of college, university and other academic libraries. It is a user-friendly software evolved to work under client-server environment. The software is compliant to international standards for bibliographic formats and circulation protocols. After a comprehensive study, discussions and elaborations with the senior professionals of the country, the software was designed to automate all house-keeping operations of library. The software is suitable not only for the academic libraries, but also for all types and sizes of libraries, even school libraries. The first version of software i.e., SOUL 1.0 was released during CALIBER 2000. The latest version of the software i.e., SOUL 2.0 was released in January 2009. The database for new version of SOUL designed for latest versions of MS-SQL and MySQL (or any other popular DBMS). SOUL 2.0 is compliant to international standards such as MARC 21 bibliographic format, Unicode based Universal Character Sets for multilingual bibliographic records and NCIP 2.0 and SIP 2 based protocols for RFID, electronic surveillance and control.

**MAJOR FEATURES AND FUNCTIONALITIES:**

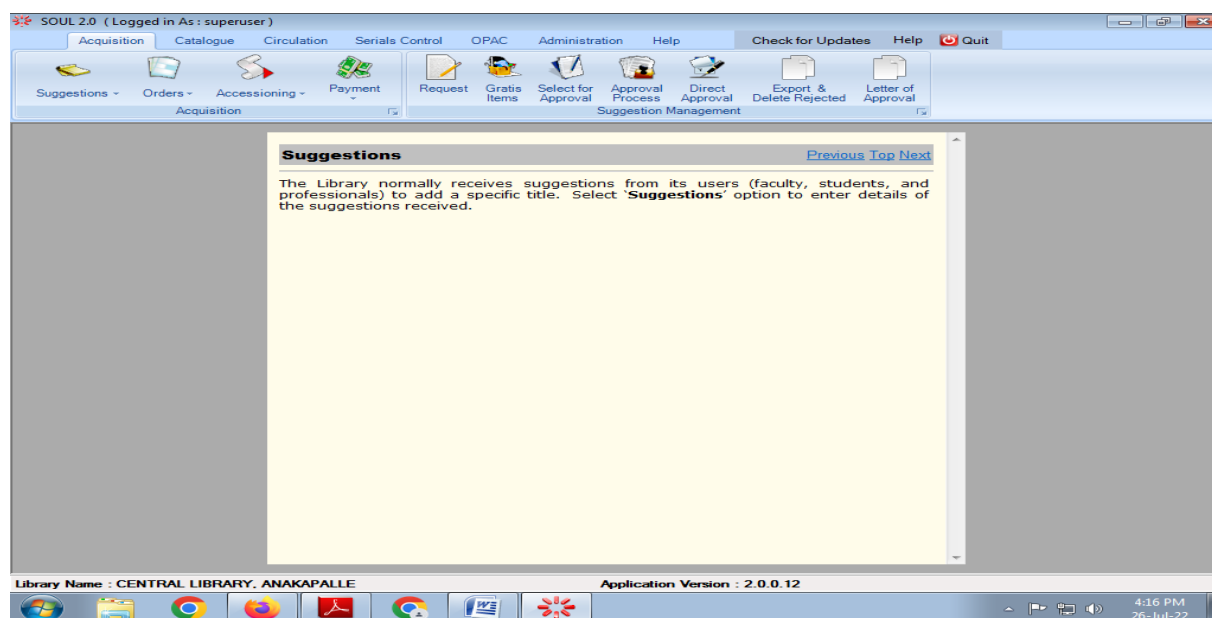
Major features and functionalities of SOUL 2.0 are as follows:

1. UNICODE-based multilingual support for Indian and foreign languages.
2. Compliant to International Standards such as MARC21, AACR- 2, MARCXML
3. Compliant to NCIP 2.0 and SIP2 protocol for RFID and other related applications especially for electronic surveillance and self-check-out & check-in.

4. Client-server based architecture, user-friendly interface that does not require extensive training.
5. Supports multi-platform for bibliographic database such as My SQL, MS-SQL or any other RDBMS.
6. Supports cataloguing of electronic resources such as e-journals, e-books, virtually any type of material.
7. Supports requirements of digital library and facilitate link to full-text articles and other digital objects.
8. Supports online copy cataloguing from MARC21 bibliographic database.
9. Provides default templates for data entry of different type of documents. User can also customize their own data entry templates for different type of documents.
10. Provides freedom to users for generating reports of their choice and format along with template and query parameters.
11. Supports ground-level practical requirements of the libraries such as stock verification, book bank, vigorous maintenance functions, transaction level enhanced security, etc.;
12. Provides facility to send reports through e-mail, allows users to save the reports in various formats such as PDF, Excel, MARCXML, etc.
13. Highly versatile and user-friendly OPAC with simple and advanced search. OPAC users can export their search results into PDF, MS Excel, and MARCXML format.
14. Supports authority files of personal name and corporate body.
15. Supports data exchange through ISO-2709 standard.
16. Update form Software as well as offline update.
17. Global Search and replace
18. Provides simple budgeting system and single window operation for all major circulation functions.
19. Strong region wise support for maintenance through regional coordinators. Strong online and offline support by e-mail, chat and through dedicated telephone line during office hours.
20. Available at an affordable cost with strong institutional support.

**MODULES:**

The SOUL 2.0 consists of the following modules. Each module has further been divided into sub-modules to cater to its functional requirements: The in-built network feature of the software will allow multiple libraries of the same university to function together as well as access to the distributed databases installed at university libraries and union catalogue mounted at INFLIBNET using VSAT network.

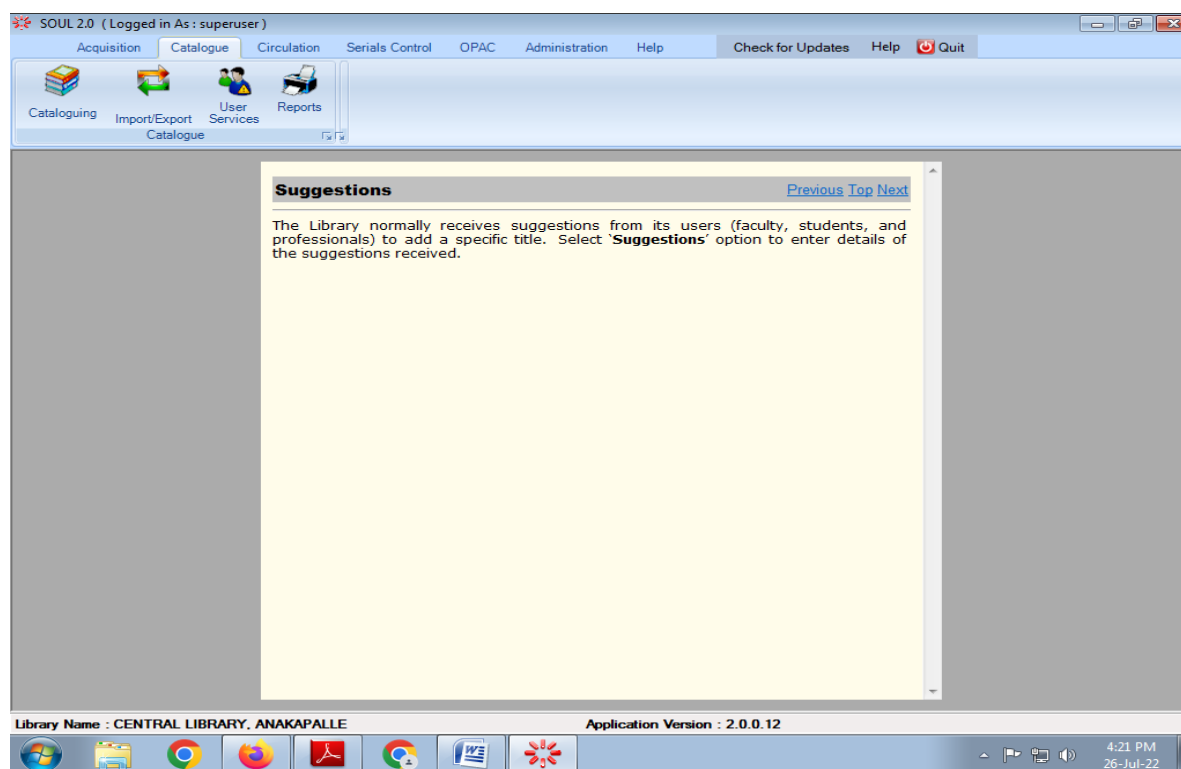
**Acquisition****Catalogue****Circulation****OPAC****Serial Control****Administration****1. ACQUISITION:**

The module enables library staff to handle all the major functions, such as

1. Suggestions Management.
2. Order Processing, Cancellation and Reminders.
3. Receipt, Payment and Budgetary control.
4. Master files such as Currency, Vendors, Publishers etc.
5. Reports.

## 2. CATALOGUE:

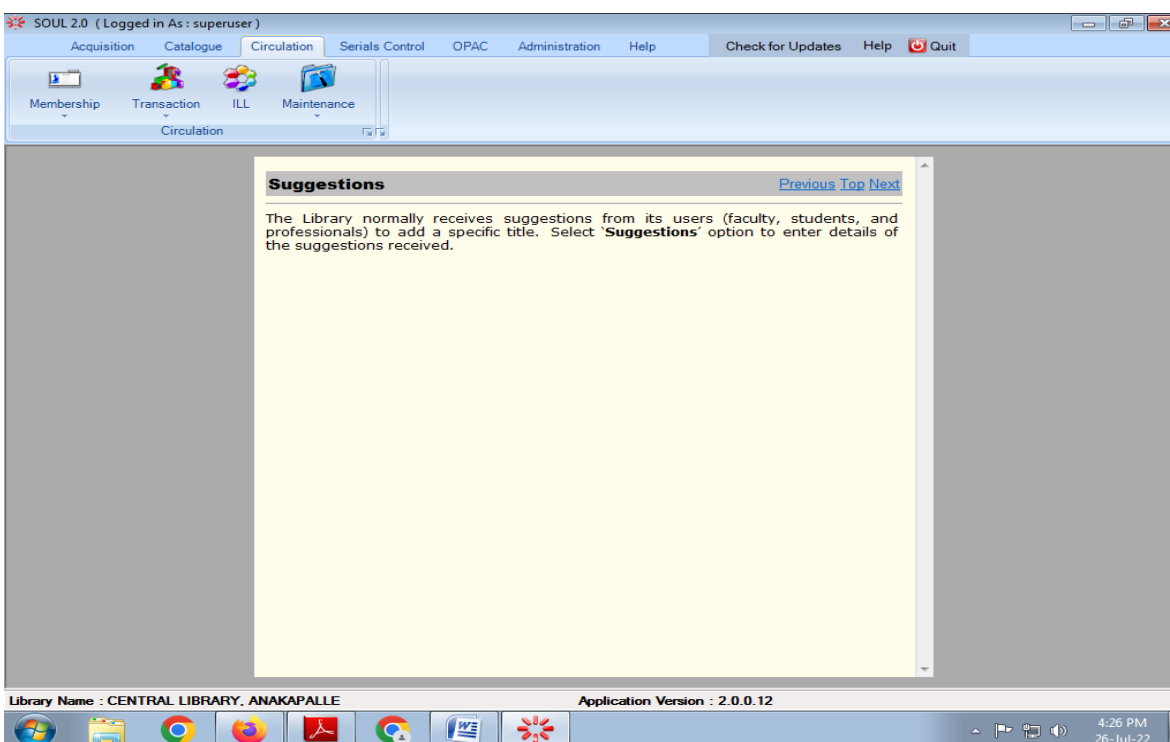
Catalogue module is used for retrospective conversion of library resources. It also facilitates library staff to process of the newly acquired library resources. The strong features of catalogue module are:



1. Allows cataloguer to create their own templates for data entry of different library resources.
2. Different templates for leaders and fixed fields of MARC21.
3. Allows user-generated customized reports.
4. Facilitates authority database of person name, corporate body, subject headings and series name.
5. Supports copy cataloguing in MARC21 format by using ISO- 2709 standard;  
Master database of publishers.

### **3. CIRCULATION:**

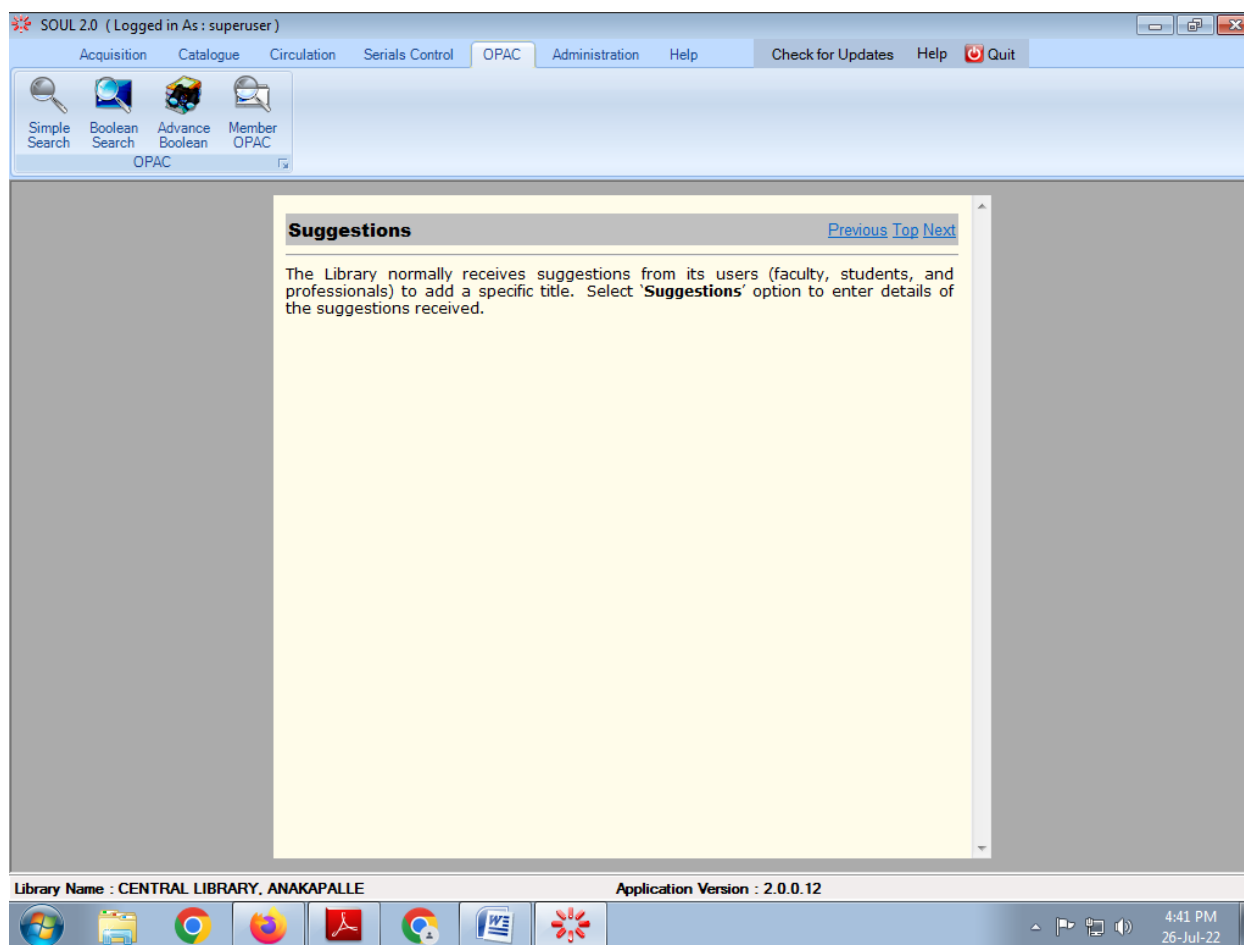
This module takes care of all possible functions of circulation. Sufficient care has been taken in designing this module starting from membership management, maintenance and status of library items, transaction, ILL, overdue charges, renewals & reminders, search status and report generation according to the status of the items. The circulation module is fully compliant with the NISO Circulation and Interchange Protocol (NCIP) version 2.0 as well as SIP2 for electronic surveillance and RFID based transaction of the items. Major functions of the circulation modules are:



1. Membership;
2. Transaction;
3. Inter-library loan;
4. Overdue charges;
5. Reminder;
6. Search status;
7. Maintenance of the items such as binding, lost, replace,
8. missing, withdrawal, etc.; and
9. Report generation based on the various requirements

#### 4. ON-LINE PUBLIC ACCESS CATALOGUE (OPAC):

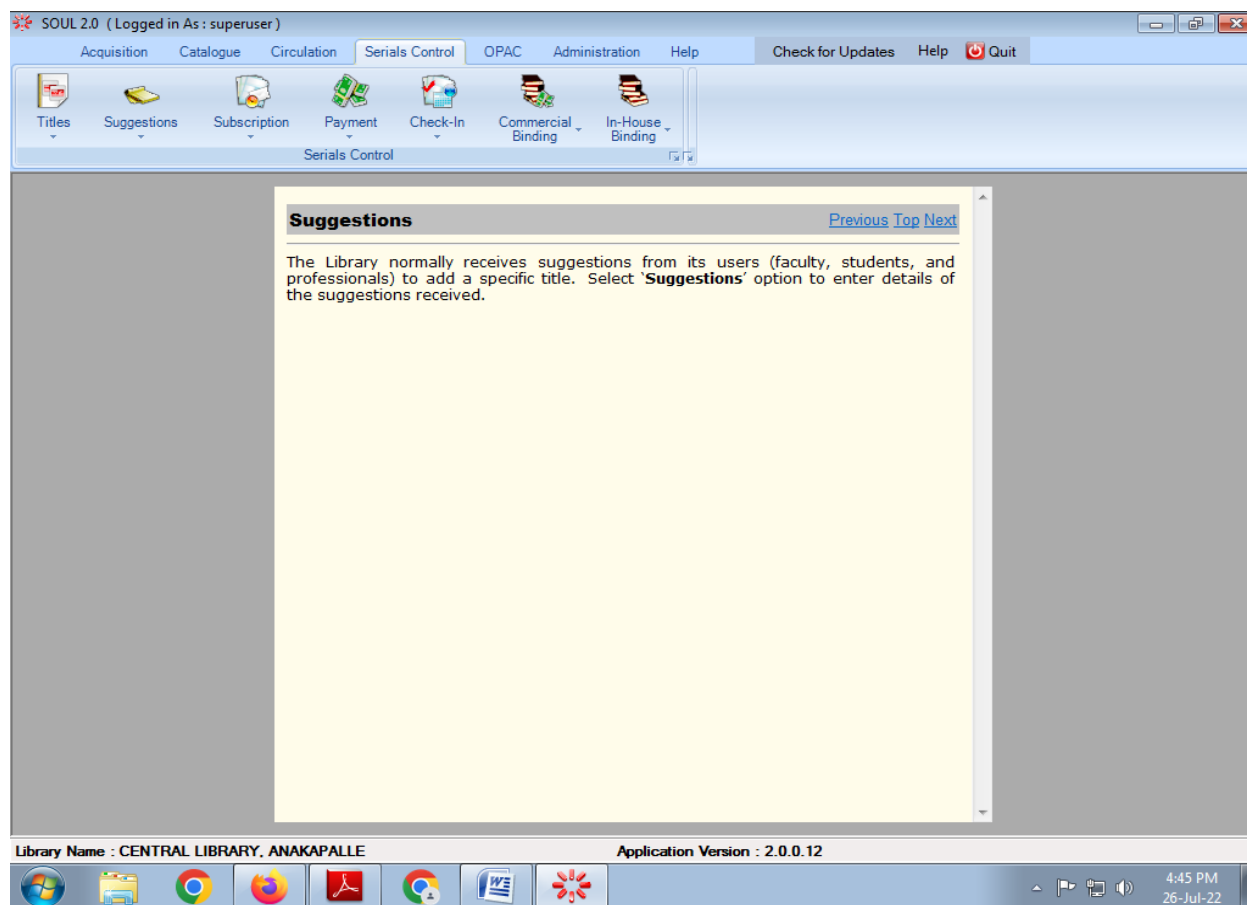
One of the major attractions of SOUL is its robust On-line Public Access Catalogue (OPAC). The OPAC has simple and advanced search facility with the minimum information for each item including author, title, corporate body, conference name, subject headings, keywords, class number, series name, accession number or combination of any of two or more information regarding the item. Major functions provided in the OPAC module are:



1. Simple Search
2. Boolean Search
3. Advanced Boolean Search
4. Displaying and downloading of records in MS Excel, PDF or
5. MARCXML
6. Search support for the items that are in the acquisition process in the library.

## 5. SERIAL CONTROL:

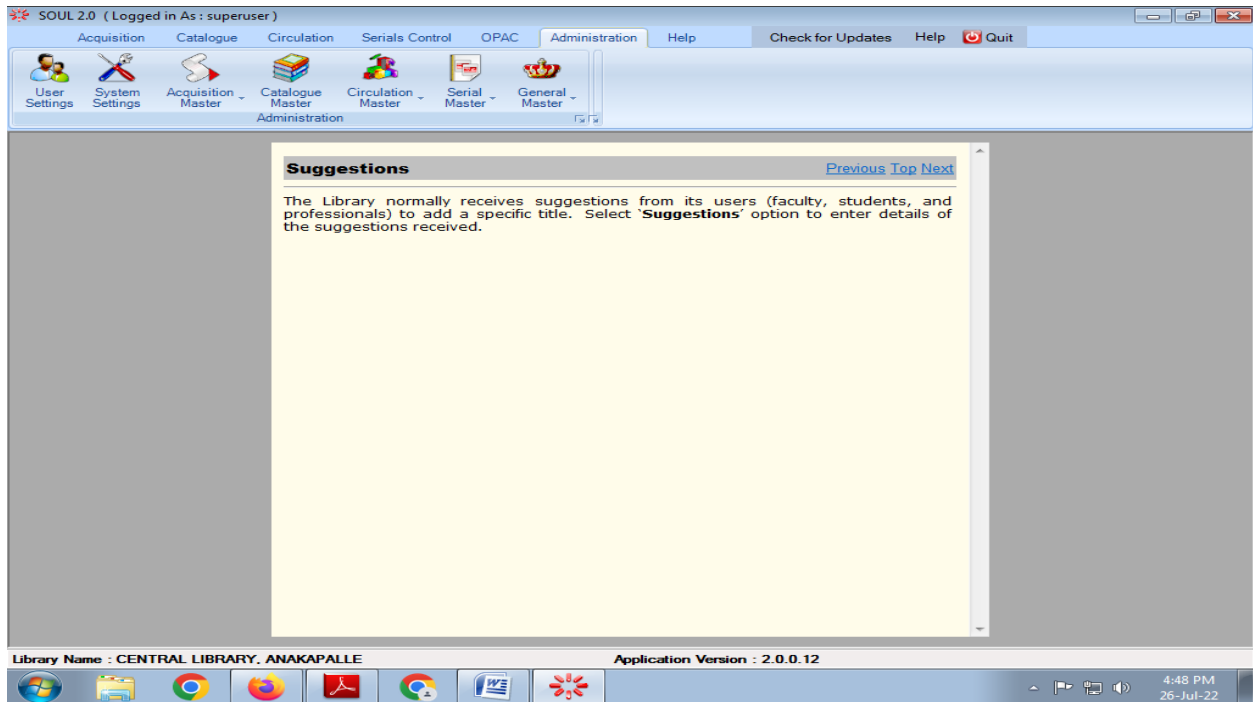
Managing serials is the most complicated job for a library. The module keeps track of serials in the library effectively and efficiently. The serial control module is developed based on the KARDEX system and the following functions built into it:



1. Suggestions;
2. Master databases;
3. Subscriptions;
4. Check-in of individual issues of journals;
5. Payment, reminder, binding, and title history;
6. Export / import by using ISO 2709 bibliographic exchange format;
7. Article indexing of journal/book articles;
8. Cataloguing of electronic journals; and
9. Keeps track of the history changes of the journals

## 6. ADMINISTRATION:

In addition to the features available in the Administration Module of the SOUL 1.0, some more features have been added to the administration module of the SOUL 2.0 as per inputs from the various SOUL users and requirements of the library staff. The module has been divided into three major sub modules for accommodating the new features. These three sub-modules are User Management, System Parameters and Masters. The Administration Module provides the following:



1. Grouping of users based on the policy;
2. Transactional rights over the systems;
3. Transaction level security to users;
4. Various configuration settings such as labels, e-mail and other
5. parameters related to the software use; and
6. Common master databases being used in modules.