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The present article is being highlights an attribute of Koha Open-Source Library Management Software along with its considerable attributes. Koha is the world's first free and open-source Integrated Library System (ILS) developed by Katipo Communications in 1999. In the recent time it available different 26 languages world-wide. It is one of the webs based one used by many public, school and academic libraries world-wide to manage the versatile library collection. Technically Linux server is needed, Apache, MariaDB or MySQL, Perl is needed for installation. As on today the Koha community was released Koha 22.11.27 version. It having the multiple kind of modules that can assist to the library management such as Acquisition module, Cataloguing module, OPAC (Online Public Access Catalogue) module, Serial Control module, Circulation module, Patron Management module, OPAC module, Report module, and Tools module etc.

Keywords: - Koha, Integrated Library Management System (ILMS), Open-Source Software, Modules, Academic Libraries.

INTRODUCTION

We live in the 1st century and it's known as ICT based; it has brought huge number of changes in every walk of mankind not exempted libraries too. The advancement in ICT had introduced computers in the field of library and information science for better services and library management. The effects of ICT most modified and specific library software come in duo format e.g. the proprietary based software and the open-source. Nowadays large number of open-source library are available but Koha is perhaps one of the most successful one along them. This software provides an opportunity to the library staff to delivery or to streamline the comprehensive operations and increase user services.



ABOUT KOHA

According to the Wikipedia Koha was developed in 1999 by Katipo Communications for the Horowhenua Library Trust in New Zealand, and the first installation went live in January 2000. Koha is the first free and open-source library automation software (Chauhan, K., 2018). Free software deal with which are available free of charges with source code Free Software Foundation defines “Free Software” means that respects users’ freedom and community.

MAJOR FEATURES OF KOHA

- Web-based system- Libraries create each data in digital format easily and these data can accessible through a browser, while browsing the data no need of client installation. It also supports remote access for librarians and library patrons. Patrons can disseminate the library information through a browser.
- Comprehensive modules- Koha provides various modules as like acquisitions, cataloguing, administration, circulation, serials, reports, tools and online public access catalogue (OPAC). These modules assist in smooth functioning such as creating and managing bibliographic records, automating circulation processes, managing acquisitions and orders, and providing user-friendly access to the library's collection.
- Standards compliance- It provides an opportunity to the library staff to maintain the bibliographical standard of records in standard format e.g. MARC21, UNIMARC, Z39.50, SRU/SRW, SIP2, RFID compatibility.
- Customization and flexibility- It is precious characteristic of as an open-source software, Koha permit library staff to customize the software according to the needs as well as user interface.
- User features- Koha provides the user-friendly interface for library staff and users. Users can perform self-checkout and renewal via OPAC, reservation / hold request, availability of Email/SMS notifications and while library patrons can easily search for materials.
- Koha user can efficiently navigate the system, perform tasks, and access relevant information, while library patrons can easily search for materials, place holds and manage their accounts through the OPAC.



DIFFERENT MODULES

The attributes of any ILM system are determined by its different modules. Every module has its own features because it covers whole library operations. The distinct attributes of every module are inter-connected to other module for smooth operations. Koha integrated library management software having the different modules which is shown in figure- 1 as follows.

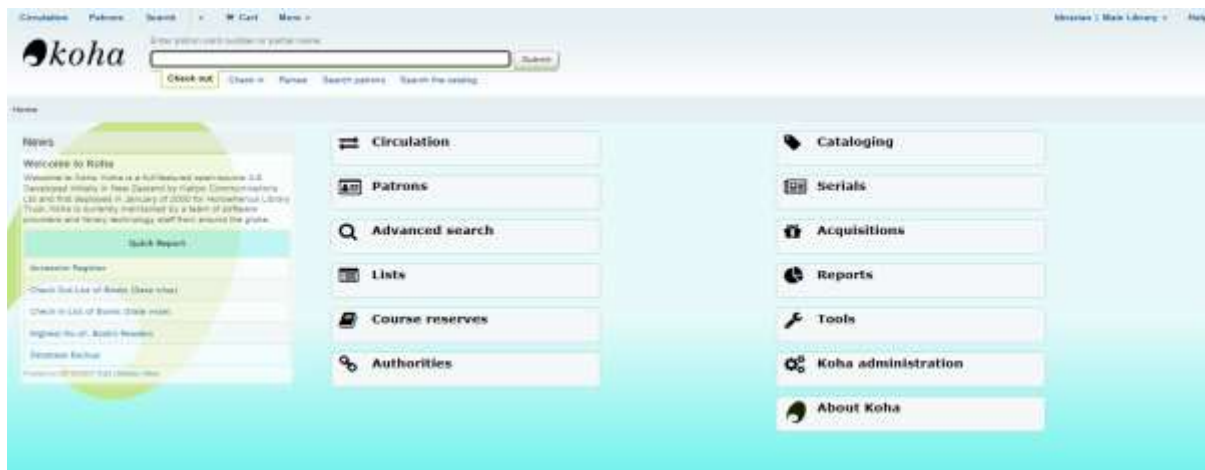


Figure-1: Koha Interface

1. CATALOGUING MODULE

Koha's Cataloguing Module is considered the core module used to create, manage, and organize bibliographic data and item records. It is fully compliant with international standards like MARC21, UNIMARC. The module provides comprehensive templates (e.g., Books, Serials, E-resources) that determine which MARC fields and subfields are visible or mandatory.

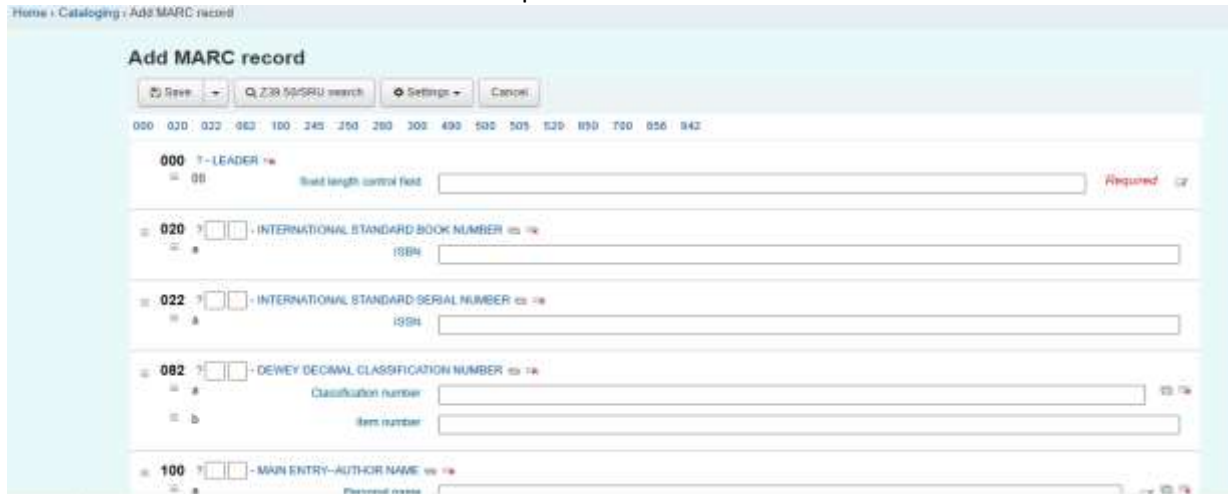


Figure-2: Cataloguing Module

2. CIRCULATION MODULE

The Koha circulation module is a core component of the open-source Integrated Library System (ILS) designed to automate and streamline daily library operations, including borrowing, returning, and reserving materials. It provides a web-based interface for staff to manage patron accounts, apply circulation rules, and handle complex tasks like inter-library loans



Figure-3: Circulation Module

3. REPORTS MODULE

The Koha Reports module is a powerful tool used to extract and analyse data from the Koha MySQL database. It allows librarians to generate statistics, member lists, and detailed information across all library functions, including circulation, cataloguing, and acquisitions



Figure-4: Reports Module

4. SERIALS MODULES

The Koha Serials module is a core component of the Koha open-source Integrated Library System (ILS) used to manage periodicals, journals, and newspapers. It automates the tracking of regular publication schedules, receiving new issues, and notifying patrons of arrivals.

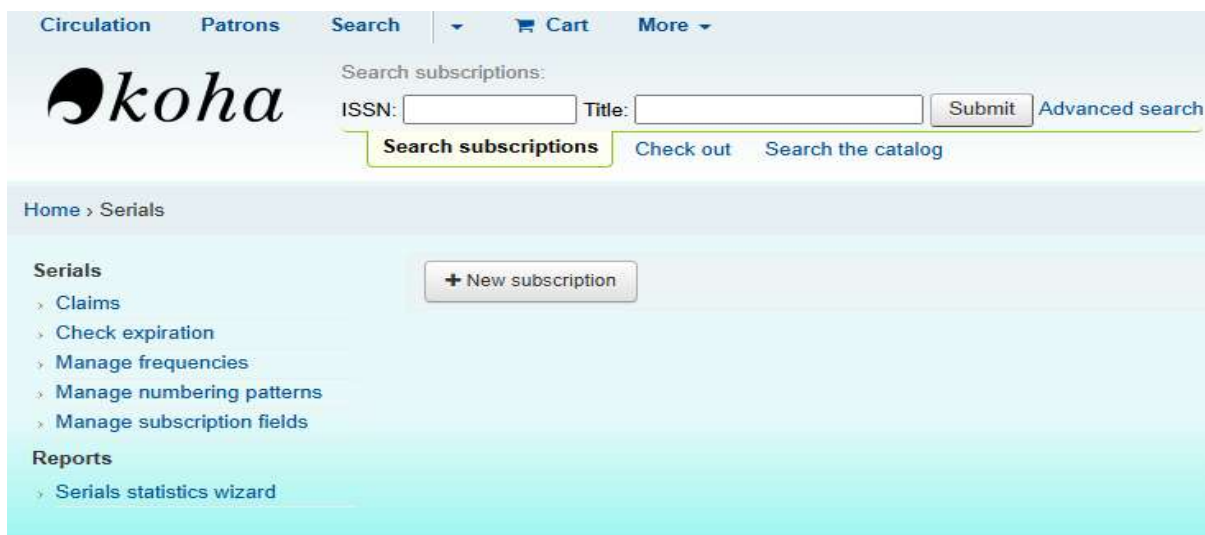


Figure-5: Serials Module

5. PATRONS MODULE

The Patrons module in Koha is the primary interface for managing library user data, organizing memberships, and setting access permissions. This module provides an



opportunity to the library personnel to manage the information details of patron or users of the library. It is facilitated to create, update, delete and maintain patron accounts, ensuring efficient management of user records and providing personalized services to library patrons.



Figure-6: Patrons Module

6. ADMINISTRATION MODULE

The administration module gives the freedom to the librarian or libraries they can modify the Koha system as per library's specific needs. This is a valuable tool it provides access to various administrative functions and settings, enabling efficient system administration and maintenance. The Koha Administration Module is the central hub for configuring the Koha Integrated Library System (ILS). It allows administrators to define the foundational rules, parameters, and system preferences that dictate how all other modules (such as circulation, cataloguing, and acquisitions) function.



Figure-7: Administration Module

7. ADVANCED SEARCH

In Koha, the Advanced Search is a powerful feature within the OPAC (Online Public Access Catalogue) and Staff Interface that allows users to perform precise, multi-parameter searches. It provides more granular control than the basic search box by allowing you to combine various criteria and limiters.

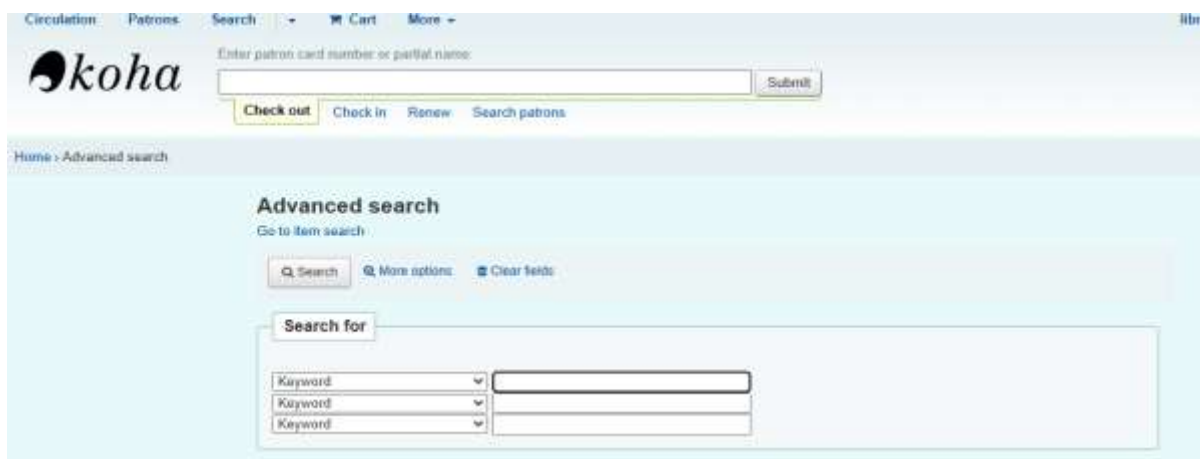


Figure-8: Advanced Search Module

8. Acquisitions Module

The Koha Acquisitions Module is a core component of the Koha Integrated Library System (ILS) designed to manage the entire lifecycle of library resource procurement, from initial selection and budgeting to final receipt and payment.

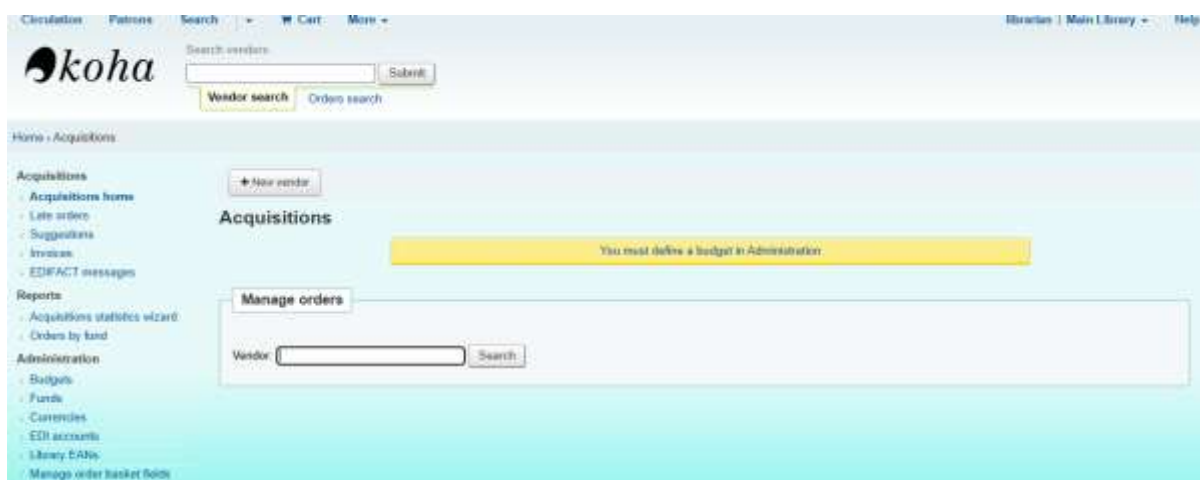


Figure-9: Acquisitions Module

CONCLUSION



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Koha is an open-source Integrated Library Management Software that inbuilt various important modules to handle the library operation. It provides the user-friendly interface and customizes set according the requirement of stack-holders. This LIMS offers powerful tools to streamline tasks such as cataloguing, circulation, acquisitions, and reporting. Overall, it helps to the librarian to manage whole information his/her library having with flexible platform. Koha is an open source-based LIMS, It allows for collaboration and full customization, making it a popular choice among libraries worldwide.

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