Deployment Challenges and Opportunities of Koha as a Management System in Philippine Government Academic Libraries

Paper Presented at the 5th General Assembly and Seminar-Workshop of the Mindanao Association of State Tertiary Schools Library Network (MASTSLiNet)

22-24 May 2018, Jose Rizal Memorial State University (JRMSU)
Dapitan City, Province of Zamboanga del Norte

by

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Deployment Challenges

Koha Library Software

The world's first free and open source library system

Koha is a fully featured, scalable library management system. Development is sponsored by libraries of varying types and sizes, volunteers, and support companies worldwide.

- Koha was created in 1999 by Katipo Communications for the Horowhenua Library Trust in New Zealand

Koha is a New Zealand Māori custom which can be translated as gift, present, offering, donation or contribution.

Koha (custom) - Wikipedia, the free encyclopedia

BASIC FEATURES OF KOHA

- an online public access catalogue (OPAC) of the library's holdings;
- a database of library users;
- issuing books to borrowers and returning books to the collection;
- borrower requests for library items;

Why use Koha?

1. Full-feautred ILS

   - In use worldwide in libraries of all sizes
   - is a true enterprise-class ILS with comprehensive functionality including basic or advanced options.
   - includes modules for circulation, cataloging, acquisitions, serials, reserves, patron management, branch relationships, and more...

2. Dual Database Design

   - utilizes the strengths of the two major industry-standard database types [text-based and RDBMS]

3. Library Standards Compliant

   - is built using library standards and protocols that ensure interoperability between Koha and other systems and technologies, while supporting existing work flows and tools.
   - uses MARC21

   [MARC, MAchine-Readable Cataloging, is a data format and set of related standards used by libraries to encode and share information about books and other material they collect.]

4. Web-based Interfaces

   - interfaces are all based on standards-compliant World Wide Web technologies–XHTML, CSS and Javascript–making Koha a truly platform independent solution

5. Free / Open Source

   - distributed under the open-source General Public License (GPL).

Why use Koha?

6. No Vendor Lock-in

- libraries are free to install and use Koha themselves if they have the inhouse expertise or to purchase support or development services from the best available source

WHY USE KOHA INSTEAD OF A COMMERCIAL PRODUCT?

- main attraction of Koha is that it is free
- however, it is best to think of it as “free to change” rather than "free of cost”

COST OF KOHA

- a pretty fair knowledge of web server software (usually Apache)
- Perl programming language knowledge in order to configure some parts of Koha
- some knowledge of MySQL for database maintenance chores

WEB-INTERFACES

Two web addresses;

1. Online Public Access Catalog (OPAC) or the patron interface
    - Searching library materials
2. Intranet or the librarian interface
    - Intranet address is the one that will be used by the librarians to get to the Koha programs they will use to manage library circulation, cataloging, etc.

Deployment Challenges

- Budget
- Procurement
- Classification Systems
- Library Systems
  - Commercial
  - In-House
  - Open Source
  - Sourced elsewhere
  - NS
- Differences
  - Geographically dispersed
  - Attitude (personality, political)
  - Professional
- Union catalog
- Realizing One VAM (One Vision, One Access, One Mindanao)

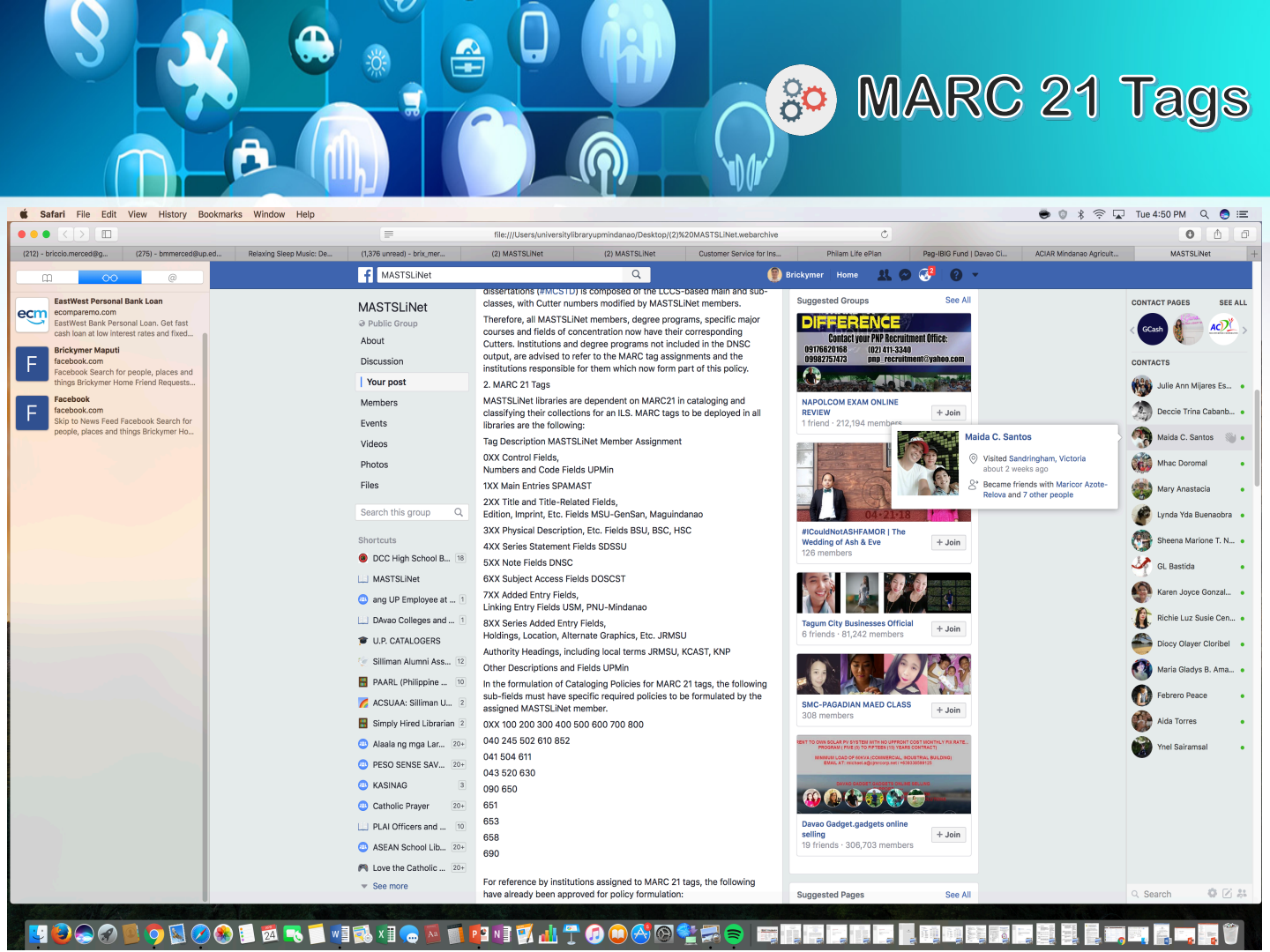
Opportunities

- 2 MASTSLiNet GA's (2016 USeP 3rd, and 2017 WMSU 4th approved the LC migration
- ExeCom affirmed the 2 GA resolutions at its 2017 mid-year meeting at USeP
- DNSC to host the training-workshop
- UP Mindanao tasked to formulate the LCCS for MASTSLiNet libraries starting with theses and dissertations with main class LG 221
- SPAMAST posted on the MASTSLiNet FB page its proposed Cutter's for degree programs, subsequently approved at the DNSC training-workshop on 6-10 November 2018

Koha Training DNSC November 6-10, 2017

The DNSC Resolutions, November 2017
Safari File Edit View History Bookmarks Window Help
Tue 4:50 PM
MASTSLiNet
Brickymer Home
Brickymer Maputi is with Carl Joseph Burlat and 9 others.
November 13, 2017
MAJOR RESOLUTIONS FOR SWIFT AND APPROPRIATE ACTION BY ALL MASTSLiNet INSTITUTIONS
Introduction
The Library of Congress Classification System (LCCS), and Koha Integrated Library System (ILS) training-workshop held 6-10 November 2017 at The Library, Davao del Norte State College (DNSC), approved significant resolutions that would, henceforth, chart the direction, identify goals, and achieve the objectives of #MASTSLiNet towards realizing its vision of #OneVAM, One Vision, One Access, One Mindanao.
Three primary resolutions must be at the forefront of all these efforts. These are:
1.) to migrate to the LCCS, focused on theses and dissertations;
2.) to install the Koha ILS, make it operational, and launch it simultaneously in all #MASTSLiNet institutions;
3.) to formulate written policies for the first two primary resolutions taking into consideration global standards in library #databasemanagement (DBMS and in #InformationTechnology (IT).
In order to achieve the primary resolutions, specific #CoursesofAction (COA) are necessary. Along this line, each member-institution was given specific tasks to do after the training-workshop closed, and leading to the next #MASTSLiNet #GeneralAssembly (GA), sometime in May 2018 at the Jose Rizal Memorial State University #JRMSU, in Dapitan City.
1. Migrating to the #LCCS
For the record, the LC migration was approved at two GA's, the 3rd held at USEP, Davao City and the 4th hosted by WMSU at Grand Astoria Hotel, in Zamboanga City. The MASTSLiNet Executive Officers affirmed these resolutions at its 2017 mid-year meeting held at the USEP Library in May. The affirmation, further, identified the training-workshop to be held at DNSC, and for the DNSC Library to be the host server for the Koha ILS.
UP Mindanao which uses LCCS was tasked to formulate the classification system for theses and dissertations. This classification system shall utilize the latest version of LCCS that identified Philippine colleges and universities in Mindanao to have as its main class LG 221. Required Cutter shall make use of the standard LC Cutter.
Inasmuch as the first migration would be theses and dissertations, degree programs and applicable major areas of concentration were assigned Cutters numbers as well. #SPAMAST posted on the MASTSLiNet facebook its proposed Cutters which, eventually, was approved at the DNSC training.
In other words, the MASTSLiNet Classification System for theses and dissertations (#MCSTD) is composed of the LCCS-based main and sub-classes, with Cutter numbers modified by MASTSLiNet members.
Therefore, all MASTSLiNet members, degree programs, specific major courses and fields of concentration now have their corresponding
Create a Group
Suggested Groups
See All
DIFFERENCE
Contact your PNP Recruitment Office:

MARC 21 Tags



Safari File Edit View History Bookmarks Window Help
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(275) - bmmerced@up.ed...
Relaxing Sleep Music: De...
(1,376 unread) - brix_mer...
(2) MASTSLiNet
(2) MASTSLiNet
Customer Service for Ins...
Philam Life ePlan
Pag-IBIG Fund | Davao Ci...
ACIAR Mindanao Agricult...
MASTSLiNet
MASTSLiNet
Brickymer
Home
EastWest Personal Bank Loan
ecomparemo.com
EastWest Bank Personal Loan. Get fast cash loan at low interest rates and fixed...
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Facebook Search for people, places and things Brickymer Home Friend Requests...
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Skip to News Feed Facebook Search for people, places and things Brickymer Ho...
MASTSLiNet
Public Group
About
Discussion
Your post
Members
Events
Videos
Photos
Files
Search this group
Shortcuts
DCC High School B... 18
MASTSLiNet
ang UP Employee at ... 1
DAvao Colleges and ... 1
U.P. CATALOGERS
Silliman Alumni Ass... 12
PAARL (Philippine ... 10
ACSUAA: Silliman U... 2
Simply Hired Librarian 2
Alaala ng mga Lar... 20+
PESO SENSE SAV... 20+
KASINAG 3
Catholic Prayer 20+
PLAI Officers and ... 10
ASEAN School Lib... 20+
Love the Catholic ... 20+
See more
dissertations (#MCSTD) is composed of the LCCS-based main and sub-classes, with Cutter numbers modified by MASTSLiNet members.
Therefore, all MASTSLiNet members, degree programs, specific major courses and fields of concentration now have their corresponding Cutters. Institutions and degree programs not included in the DNSC output, are advised to refer to the MARC tag assignments and the institutions responsible for them which now form part of this policy.
2. MARC 21 Tags
MASTSLiNet libraries are dependent on MARC21 in cataloging and classifying their collections for an ILS. MARC tags to be deployed in all libraries are the following:
Tag Description MASTSLiNet Member Assignment
0XX Control Fields,
Numbers and Code Fields UPMin
1XX Main Entries SPAMAST
2XX Title and Title-Related Fields,
Edition, Imprint, Etc. Fields MSU-GenSan, Maguindanao
3XX Physical Description, Etc. Fields BSU, BSC, HSC
4XX Series Statement Fields SDSSU
5XX Note Fields DNSC
6XX Subject Access Fields DOSCST
7XX Added Entry Fields,
Linking Entry Fields USM, PNU-Mindanao
8XX Series Added Entry Fields,
Holdings, Location, Alternate Graphics, Etc. JRMSU
Authority Headings, including local terms JRMSU, KCAST, KNP
Other Descriptions and Fields UPMin
In the formulation of Cataloging Policies for MARC 21 tags, the following sub-fields must have specific required policies to be formulated by the assigned MASTSLiNet member.
0XX 100 200 300 400 500 600 700 800
040 245 502 610 852
041 504 611
043 520 630
090 650
651
653
658
690
For reference by institutions assigned to MARC 21 tags, the following have already been approved for policy formulation:
Suggested Groups
See All
DIFFERENCE
Contact your PNP Recruitment Office:
09176620168 (02) 411-3340
09982757473 pnp_recruitment@yahoo.com
NAPOLCOM EXAM ONLINE REVIEW
1 friend · 212,194 members
+ Join
Maida C. Santos
Visited Sandringham, Victoria
about 2 weeks ago
Became friends with Maricor Azote-Relova and 7 other people
#ICouldNotASHFAMOR | The Wedding of Ash & Eve
126 members
+ Join
Tagum City Businesses Official
6 friends · 81,242 members
+ Join
SMC-PAGADIAN MAED CLASS
308 members
+ Join
Davao Gadget.gadgets online selling
19 friends · 306,703 members
+ Join
Suggested Pages
See All
CONTACT PAGES
SEE ALL
CONTACTS
Julie Ann Mijares Es...
Deccie Trina Cabanb...
Maida C. Santos
Mhac Doromal
Mary Anastacia
Lynda Yda Buenaobra
Sheena Marione T. N...
GL Bastida
Karen Joyce Gonzal...
Richie Luz Susie Cen...
Diocy Olayer Cloribel
Maria Gladys B. Ama...
Febrero Peace
Aida Torres
Ynel Sairamsal
Search

MARC 21 Tags
Safari File Edit View History Bookmarks Window Help
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MASTSLiNet
Public Group
About
Discussion
Your post
Members
Events
Videos
Photos
Files
Search this group
Shortcuts
DCC High School B...
MASTSLiNet
ang UP Employee at ...
DAvao Colleges and ...
U.P. CATALOGERS
Silliman Alumni Ass...
PAARL (Philippine ...
ACSUAA: Silliman U...
Simply Hired Librarian
Alaala ng mga Lar...
PESO SENSE SAV...
KASINAG
Catholic Prayer
PLAI Officers and ...
ASEAN School Lib...
Love the Catholic ...
See more
For reference by institutions assigned to MARC 21 tags, the following have already been approved for policy formulation:
090 there should be a space between each sub-field, example:
LG 221 S68 E75 T64 2017 M45
245 title must be spelled out in full, copying exactly as it is written on the title
page, to include alterations, embellishment, etc.; added entries must be considered at all times whenever, and wherever applicable, and consistent with these rules
300 spell out the word leaves
502 entry should be like this : MA Education major in Educational Management
850 name of holding institution should be translated in full, then enclose in
parentheses the initials, for example:
Davao del Norte State College (DNSC)
Indicators to be used are as follows:
10 - when the title has no article at all
12 - when the title starts with the article “A”
13 - when the title starts with the article “AN”
14 - when the title starts with the article “THE”
3. The Koha ILS
On the day MASTSLiNet was born, the incessant concern of its members had always been an integrated library system (ILS), not for the network, but specifically for their local needs. Budget had always been the culprit for libraries that already have, and those that do not have.
Automated libraries complain either about their commercial, or in-house systems. Commercial ILS entails maintenance cost that are paid-out annually, the technical support which is usually online, and the upgrading of the system when new features are introduced. Annual payment for maintenance means justifying the cost with the rules and regulations of the Commission on Audit (COA). The same is true for system upgrading that has to follow bidding regulations. Aside from these issues, most libraries can only afford the cataloging, OPAC, and circulation packages of commercial ILS because availing of all operating modules means bigger and sustained budgets for maintenance and installation which libraries do not have.
In-house systems, on the other hand, are bereft of library standards as these are developed by non-librarians whose knowledge of DBMS are not connected to library operations, particularly, MARC 21. While in-house systems work to a certain degree, other library operations could not be integrated because of relational issues.
Another issue on in-house systems, is personnel. Since MASTSLiNet members whose IT personnel are actually IT of the State University or
SMC-PAGADIAN MAED CLASS
308 members
Join
Davao Gadget.gadgets online selling
19 friends · 306,703 members
Join
Suggested Pages
See All
Maida and 78 other friends like this.
Board for Librarians - Continuing F
Government Organization
Board for Libra
Like Page
English (US) · Filipino · Bisaya · Español · Português (Brasil)
Privacy · Terms · Advertising · Ad Choices · Cookies · More
Facebook © 2018
CONTACT PAGES
SEE ALL
CONTACTS
Julie Ann Mijares Es...
Deccie Trina Cabanb...
Maida C. Santos
Mhac Doromal
Mary Anastacia
Sheena Marione T. N...
GL Bastida
Karen Joyce Gonzal...
Diocy Olayer Cloribel
Maria Gladys B. Ama...
Ana Sheila Alolod Año
Febrero Peace
Aida Torres
Ynel Sairamsal
Fe Balansag
Search

MASTSLiNet IT
Practitioners Koha Team

Agenda of the MASTSLiNet • IT Practitioners

Koha December 8, 2017 Simultaneous Launching

Koha Simultaneous Launching Uploaded to YouTube

youtube.com

Inbox (283) - bmmerced@up.edu.ph - University of the... | (7) Facebook | (1,375 unread) - brix_merced2001@yahoo.com - Yahoo... | www.ccghr.ca/wp-content/uploads/2013/04/Indigenou... | KOHA Simultaneous Laun

YouTube PH — Maghanap

KOHA Simultaneous Launching

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UP Mindanao Library
Na-publish noong Dis 5, 2017

MAG-SUBSCRIBE 1

#MASTSLiNet Library Management System (LMS) Simultaneous Launching, 8 December 2017

MAGPAKITA NANG HIGIT PA

1 Komento — PAGBUKUD-BUKURIN AYON SA

Maglagay ng pampublikong komento...

Susan Martinez 4 (na) buwan ang nakalipas
Ready 1,2 3, GO! MASTLiNeters prepare for the simultaneous launching on Dec. 8, 2017.

Susunod — I-AUTOPLAY

TRANSFER PRANK: NFL QB Jared Goff pranks unsuspecting
Red Bull
1M (na) panonood
Bago

Sleep Music Delta Waves: Relaxing Music to Help you
MeditationRelaxClub - Sleep M
Inirerekomenda sa iyo

3 HOURS Relaxing Music with Water Sounds Meditation
The Honest Guys - Meditations - Re
Inirerekomenda sa iyo

50 minutes of Sleep Music with Delta Waves: Award winning
Sleep and Relaxation Music
Inirerekomenda sa iyo

The Real Reason We Don't Hear About Susan Boyle Anymore
The List
Inirerekomenda sa iyo

TOP 5 UNDERRATED Miss Universe Answers
mervinjayy
Inirerekomenda sa iyo

Gordon: De Lima hid vital info on Matobato
ABS-CBN News
Inirerekomenda sa iyo

Top 10 Most UNFORGETTABLE Singing Auditions ALL TIME
Len Ken
Inirerekomenda sa iyo

ABA! MGA DI GAMIT NA BALOTA SA CAMSUR, MAY

DOSCST, December 6

- Kolehiyo ng Pantukan, December 7

University of the Philippines Mindanao, December 8

Where do we go from here?

- There is nowhere to go, but move forward.
- Cataloging policies assigned to respective SUC's must be completed to ensure data uniformity and database integrity.
- Push other MASTSLiNet libraries to install their Koha ASAP.
- Follow-up on either DNSC, or USTP Claveria as the KOHA host server.
- Union catalog be operational in 2018.
- Finalize MOA arrangements with TNL on MASTSLiNet institutions as training centers for public libraries.
- After the theses and dissertations, MASTSLiNet libraries are now ready to establish their Archives and Records.
- MASTSLiNet's One VAM is right on track, everyone must be onboard.
- WE BECOME STRONGER IF WE ACT AS ONE.
- WHEN WE ACT AS ONE, LIBRARY DEVELOPMENT OF SUC'S AND LCU'S IN MINDANAO BECOMES A REALISTIC ACHIEVEMENT, ULTIMATELY, DEVELOPING MINDANAO AS WELL.

koha

Enter patron card number or partial name:

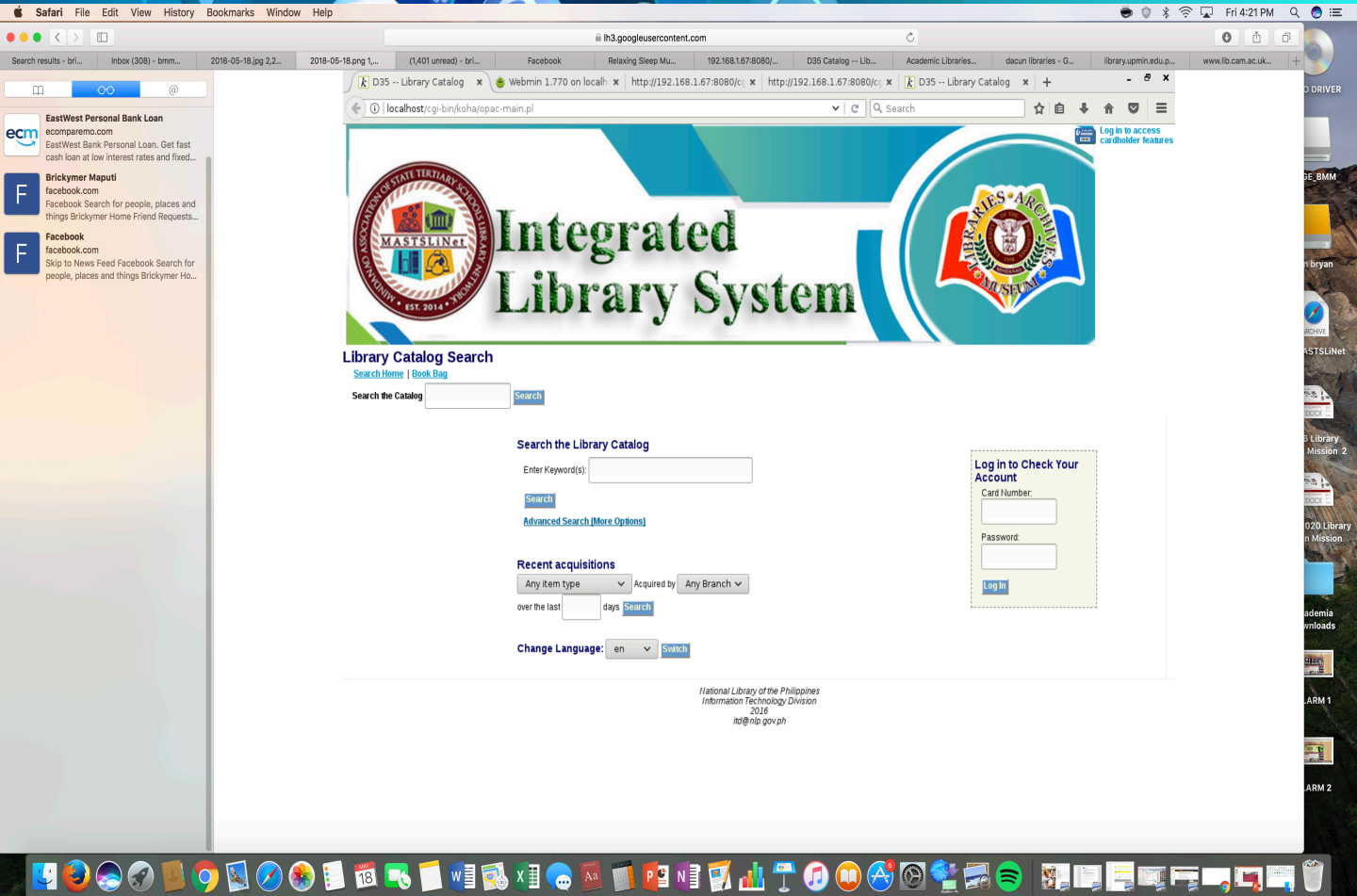
Submit

Check out | Check in | Renew | Search patrons | Search the catalog

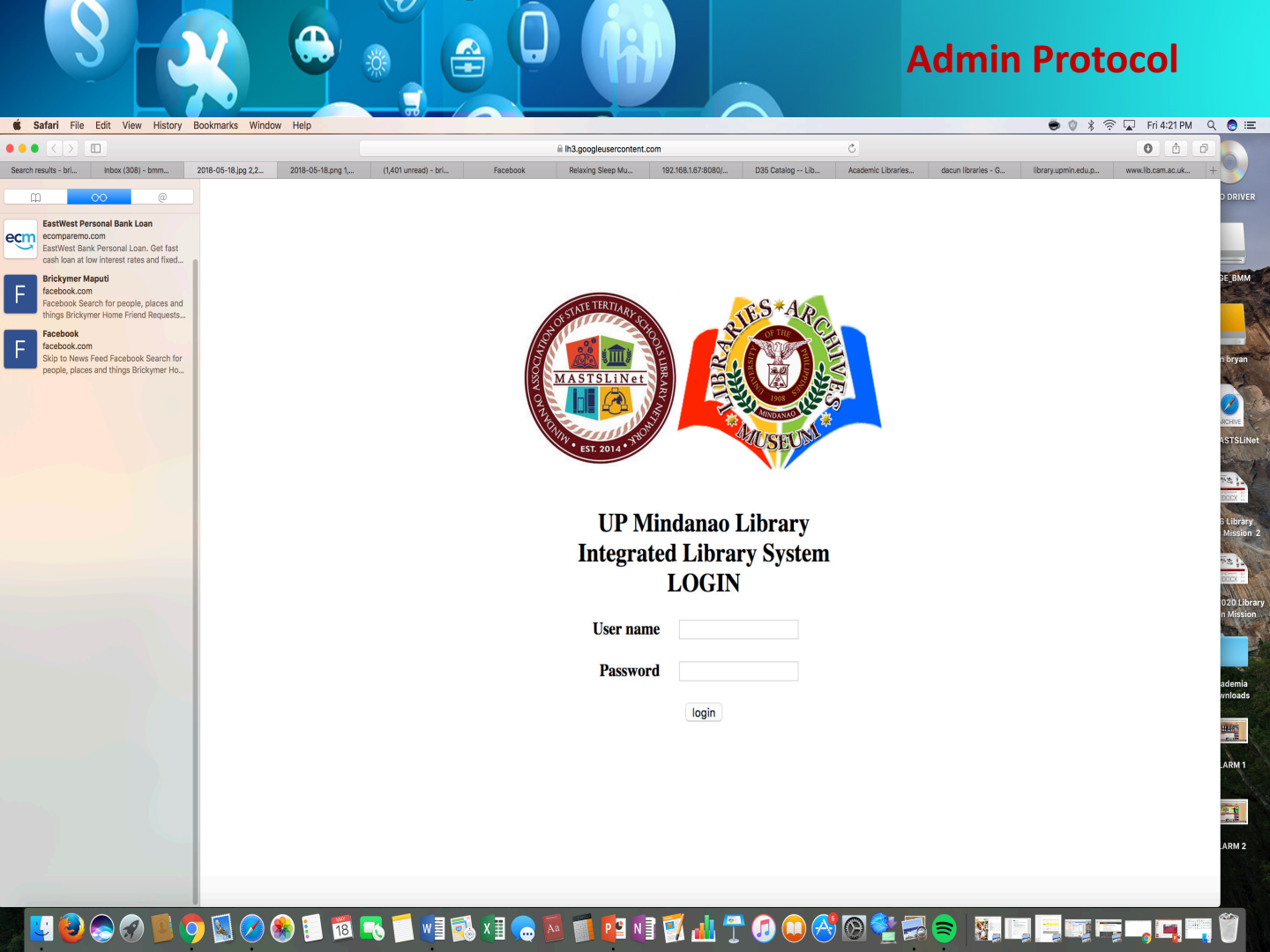
Home

- Circulation
- Patrons
- Advanced search
- Lists
- Cataloging
- Authorities
- Serials
- Acquisitions
- Reports
- Tools
- Koha administration
- About Koha

OPAC Protocol



Admin Protocol



URL Protocol

https://mils.suc.edu.ph

Examples

https://mils.upmin.edu.ph
https://mils.dorsu.edu.ph
https://mils.usm.edu.ph
https://mils.psc.edu.ph
https://mils.jrmsu.edu.ph

Padayun sa
pag-uswag with

One VAM
One Vision
One Access
One Mindanao