



# SUCCESS STORY

Implementing OCLC WMS and WorldCat  
at Al Maktoum Medical Library, MBRU

# About Dubai Health



Dubai Health is Dubai's first integrated academic health system established to elevate the standard of care and to advance health for humanity.

Dubai Health is comprised of 6 hospitals, 26 ambulatory health centers and 20 medical fitness centers, Mohammed Bin Rashid University of Medicine and Health Sciences and Al Jalila Foundation.

## **Vision**

Together We Advance Health For Humanity.

## **Mission**

We serve to impact lives and shape the future of health through the integration of care, learning, discovery, and giving.

# About Al Maktoum Medical Library



Established in 2012, our Library plays a vital role in supporting MBRU students, faculty, and the wider Dubai Health medical community, by providing access to high-quality and authoritative information resources that promote the very best in medical education, research, teaching, and patient care.

Our Library offers point-of-care resources and medical education databases, quiet areas for individual and groups. Study lounges, meeting rooms and an Information Commons.



# Why OCLC WMS and WorldCat?

Our journey in deploying OCLC WMS at AMML

# Objectives of LMS project



- To implement cutting-edge technology to efficiently manage and streamline workflow and processes of the library
- To enhance quality of library service and user experience
- To enhance staff productivity and user engagement
- To integrate a system that seamlessly work with current technology infrastructure with minimum cost.
- To enhance the access, usage and visibility of resources



# Key Challenges prior to OCLC WMS implementation



- Inability to accommodate interface customization and implementing business policies.
- Legacy system with no development plans
- Key applications/modules are not supported
- Outdated ERM module
- Link Resolver integration
- Vendor instability
- Limited customer support
- Interconnectivity of modules
- Not a web-based application
- High cost



# 12 Phase Process



# Essential Factors considered



## System Components, Modules and Features.

Circulation, cataloguing, serials, acquisitions, electronic resource management, administration and reporting

## Support for Migration

Vendor should be able to migrate all relevant data to new system within the planned time with minimum error

## Adherence to Standards

System should support basic library standards for import and export of data.

## Flexibility of the System

System should adapt to future changes and new technological developments



## Capability of Expansion

System should be capable to expand to accommodate larger data and all kinds of data formats

## Vendor Support

Support for migration of data, installation, testing, training and technical support.

## Networking Capability

System that supports standard protocols and integration capability

## Statistical Reports

It will be very important to the library manager that the new system provide reliable and extensive reports.



# Key System Components & Features – Check List



<b>Circulation</b>	<b>File Transfer Software</b>	<b>SIP2 Interface</b>	<b>Discovery Tool</b>	<b>Batch record upload and export option</b>
<b>Cataloging</b>	<b>Z39.50 Client Broadcast</b>	<b>Inter Library Loan ILL</b>	<b>Social Features and Notifications</b>	<b>Single Sign On</b>
<b>Acquisitions</b>	<b>Link Resolver</b>	<b>Mobile App/interface</b>	<b>SMS Module</b>	<b>Circulation Auto Notices</b>
<b>Serials</b>	<b>Inventory Control</b>	<b>OCLC connection</b>	<b>Electronic Resource Management</b>	<b>Sushi support</b>
<b>Reports</b>	<b>Unlimited Data License</b>	<b>Offline Circulation</b>	<b>Community</b>	<b>Integrated Catalog + Discovery Service</b>
<b>API Support &amp; SaaS or on-premises</b>	<b>Media Management</b>	<b>Web based Interface</b>	<b>Google Analytics</b>	<b>Collaboration Tools</b>
<b>Authority Control Option</b>	<b>Administration Tools &amp; Access</b>	<b>Hosting</b>	<b>Data Migration</b>	<b>SAML 2.0 compatibility</b>
<b>Send notifications via SMTP or email services</b>	<b>Integration with MBRU SIS (Ellucian PowerCampus )</b>	<b>Integration with MBRU LMS (D2L Brightspace LE )</b>	<b>Integration MBRU Office 365 credentials</b>	<b>Integration with SSO via University SharePoint portal</b>

# OCCL WMS Key Benefits



## LEVERAGING THE CLOUD



Web-native platform and cloud-based system that supports strategic priorities with actionable data

## ALL-IN-ONE SOLUTION



It has all the components and modules that are required for library and in addition it comes with inbuilt discovery tool WorldCat, link resolver, OCLC connection, Single Sign on EZproxy and World-share Interlibrary loan.

## ANALYTICS



Analytics and reports that measure usage and impact of library collections on student success.

## COLLABORATION



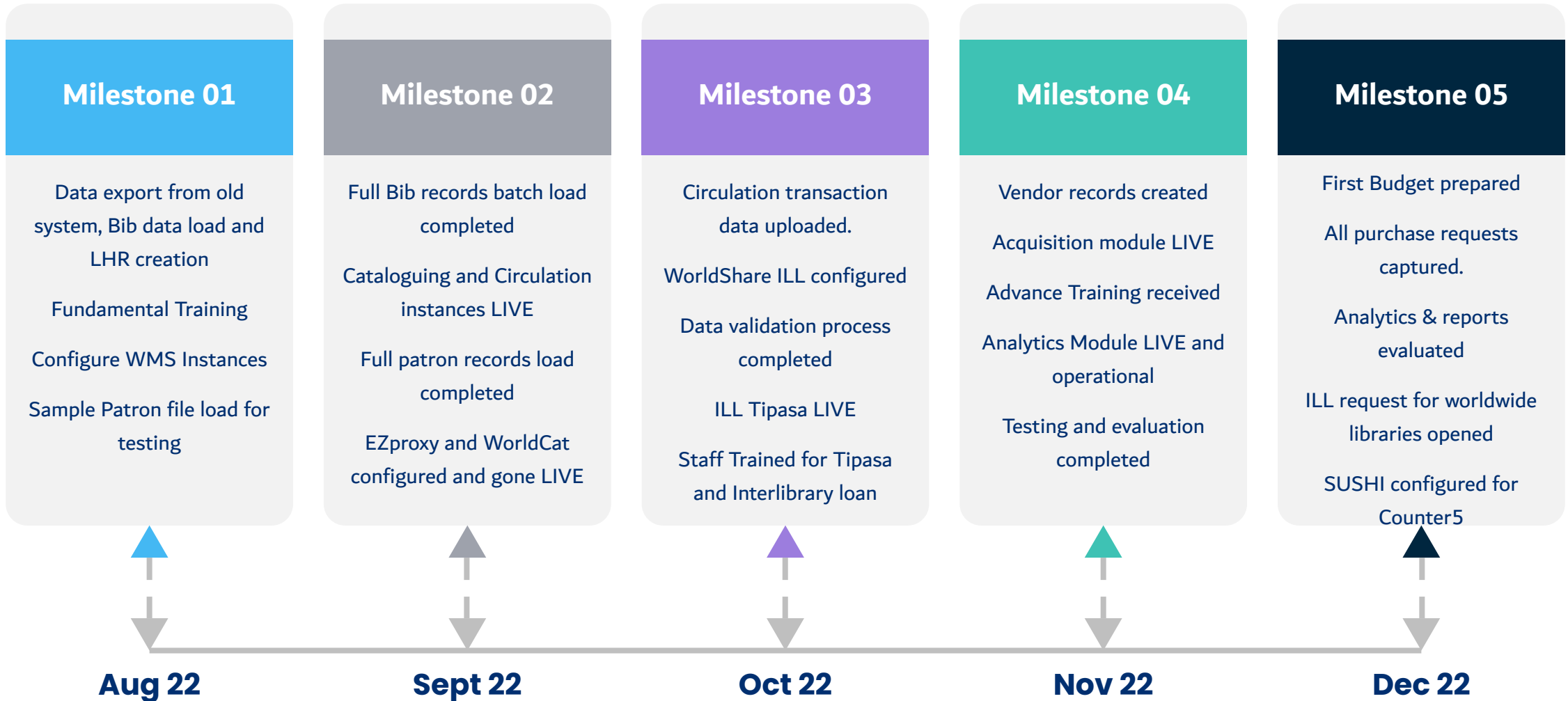
Access to worldwide libraries and opportunity to collaborate through WorldCat

## ACCESS ANYWHERE



Easily accessible anywhere, easy to find and share information and modules are accessible through web

# Implementation Roadmap





## How OCLC enhanced our library services?



- Discovery + Catalog (2 in 1)
- All in one Search (Books+Articles+Journal+eBooks)
- Access to Worldwide Libraries catalog
- Request Article through ILL
- User Account – Article request information

# Link Resolver



PubMed | Google Scholar | Scopus | PsycINFO

NIH National Library of Medicine  
National Center for Biotechnology Information

PubMed.gov

diabetes mellitus in children

Search

Advanced User Guide

Search results

Save Email Send to Display options

Review > Exp Clin Endocrinol Diabetes. 2019 Dec;127(S 01):S39-S72.  
doi: 10.1055/a-1018-8963. Epub 2019 Dec 20.

Diagnosis, Therapy and Follow-Up of Diabetes Mellitus in Children and Adolescents

Andreas Neu<sup>1</sup>, Jutta Bürger-Büsing<sup>2</sup>, Thomas Danne<sup>3</sup>, Axel Dost<sup>4</sup>, Martin Holder<sup>5</sup>, Reinhard W Hall<sup>6</sup>, Paul-Martin Holterhus<sup>7</sup>, Thomas Kapellen<sup>8</sup>, Beate Karges<sup>9</sup>, Olga Kordonouri<sup>9</sup>, Karin Lange<sup>10</sup>, Susanne Müller<sup>11</sup>, Klemens Raile<sup>12</sup>, Roland Schweizer<sup>1</sup>, Simone von Sengbusch<sup>13</sup>, Rainer Stachow<sup>14</sup>, Verena Wagner<sup>15</sup>, Susanna Wiegand<sup>12</sup>, Ralph Ziegler<sup>16</sup>

Affiliations expand

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Self-efficacy: Toward a unifying theory of behavioral change.

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Bandura, Albert

Citation

Bandura, A. (1977). Self-efficacy: Toward a unifying theory of behavioral change. *Psychological Review*, 84(2), 191-215.  
https://doi-org.mbru.idm.oclc.org/10.1037/0033-295X.84.2.191

Abstract

Presents an integrative theoretical framework to explain and to predict psychological changes achieved by different modes of treatment. This theory states that psychological procedures, whatever their form, alter the level and strength of self-efficacy. It is hypothesized that expectations of personal efficacy determine whether coping behavior will be initiated, how much effort will be expended, and how long it will be sustained in the face of obstacles and aversive experiences. Persistence in activities that are subjectively threatening but in fact relatively safe produces, through experiences of mastery, further enhancement of self-efficacy and corresponding reductions in defensive behavior. In the proposed model, expectations of personal efficacy are derived from 4 principal sources of information: performance accomplishments, vicarious experience, verbal persuasion, and physiological states. Factors influencing the cognitive processing of efficacy information arise from enactive, vicarious, exhortative, and emotive sources. The differential power of diverse therapeutic procedures is analyzed in terms of the postulated cognitive mechanism of operation. Findings are reported from microanalyses of enactive, vicarious, and emotive modes of treatment that support the hypothesized relationship between perceived self-efficacy and behavioral changes. (21/2 p ref) (PsycINFO Database Record (c) 2016 APA, all rights reserved)

Psychological Review

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ME Yuen, SG Lim, B Plessiak, K Tjuli, England Journal of Medicine, 2022 - Mass Medical Soc

Background Bepirovirsen is an antisense oligonucleotide that targets all hepatitis B virus (HBV) messenger RNAs and acts to decrease levels of viral proteins. Methods We conducted a phase 2b, randomized, investigator-unblinded trial involving participants with chronic HBV infection who were receiving or not receiving nucleoside or nucleotide analogue (NA) therapy. Participants were randomly assigned (in a 3:3:3:1 ratio) to receive weekly subcutaneous injections of bepirovirsen at a dose of 300 mg for 24 weeks (group 1) ...

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2022

BMC Pregnancy and Childbirth

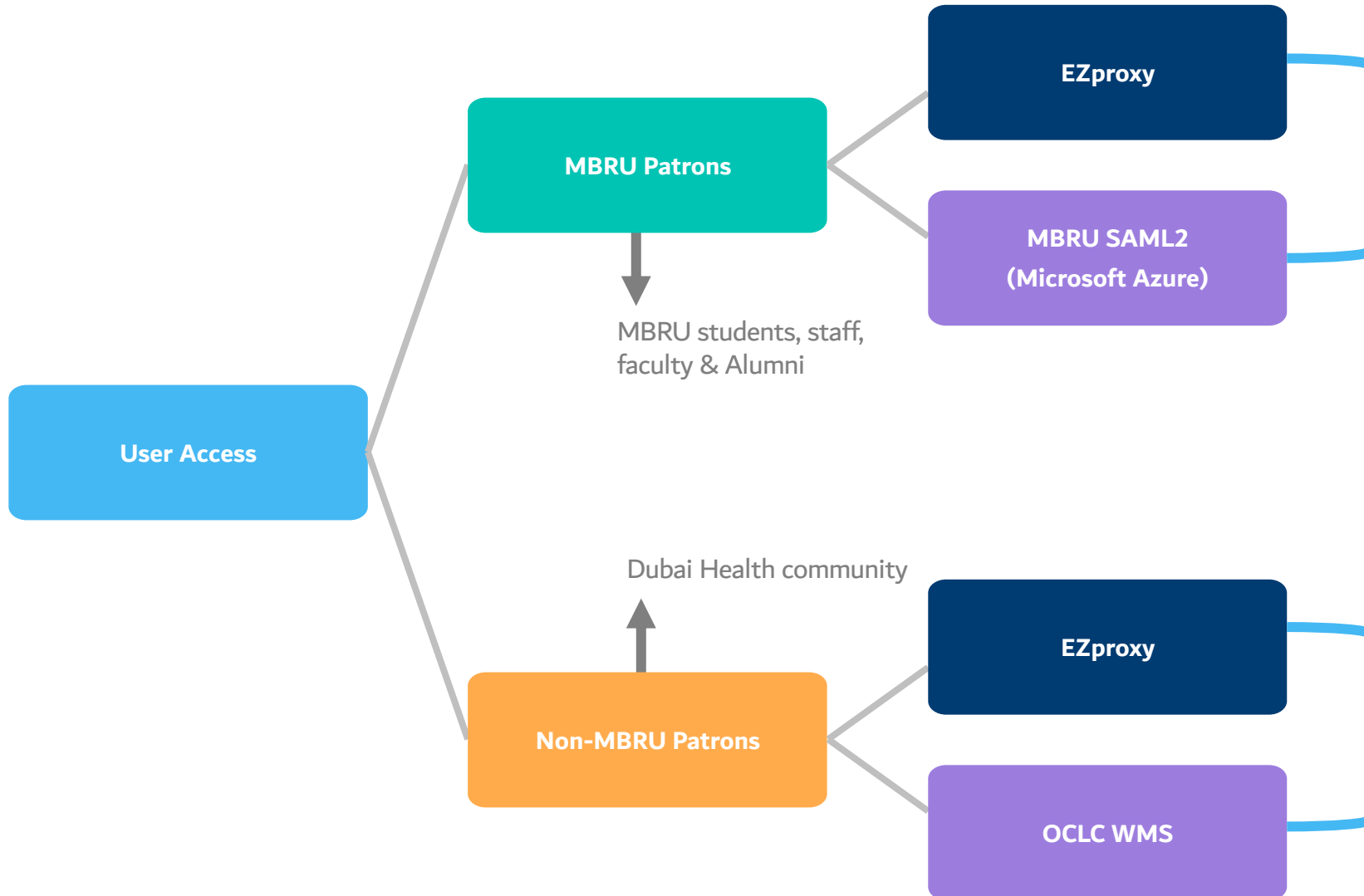
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# Single Sign-on (EZproxy)



## EZproxy

EZproxy provides our users with continuous access to e-resources without the hassle of remembering multiple passwords and usernames.

# WMS – Circulation & Cataloguing



- Easy to manage room bookings
- No more printing slips – automated email notifications
- Copy Cataloguing is easy
- Reduced time for book processing
- Reduced time for cataloguing process – access to WorldCat records
- Easy to access WMS remotely
- No more OCLC Connection subscription



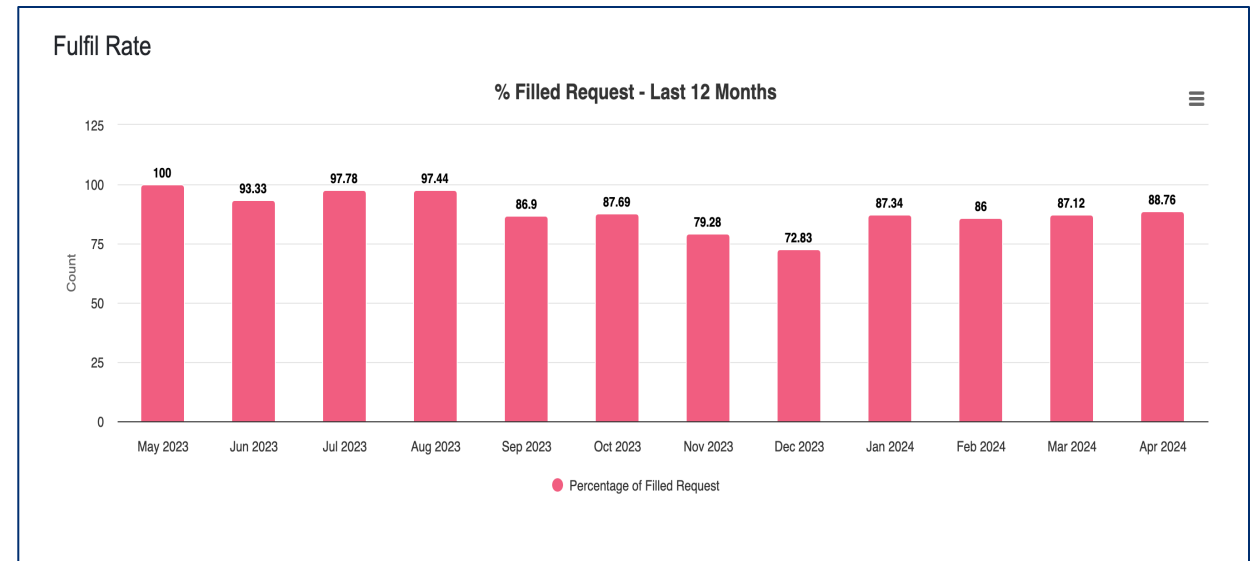
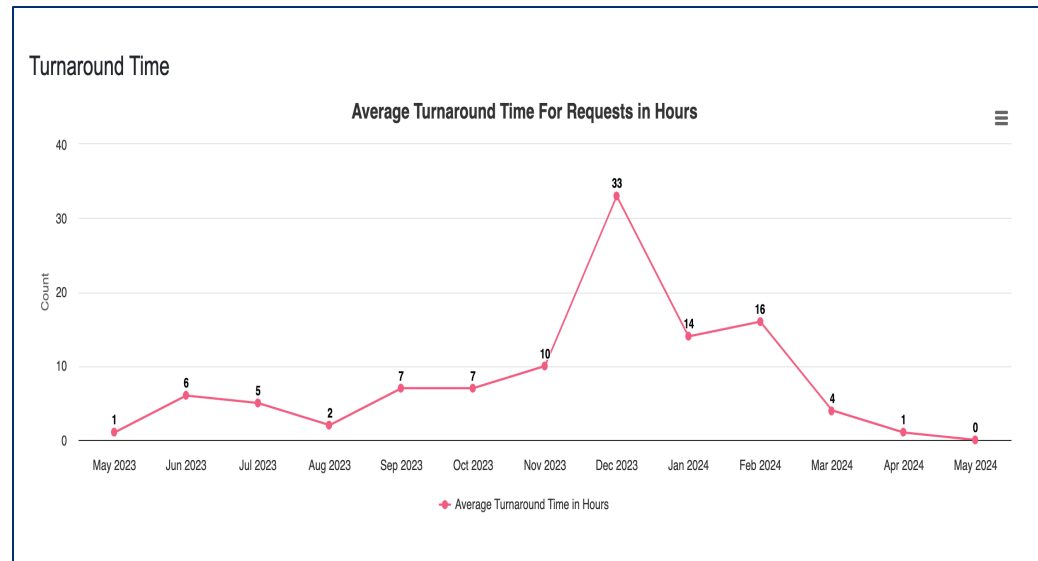


- Streamlined budget exercise and consumption tracking
- Access to wider e-resources collections
- Sushi integration for usage statistics
- Easy to manage staff functions and permissions in WMS
- Reduced time for acquisition process

# Tipasa – Automated ILL Process



- Efficient Workflow Management
- Increased Access to Resources
- Improved User Experience
- Cost-Effective Resource Management
- Comprehensive Tracking and Reporting
- Faster Delivery Times





**Thank You**