

Making SMU Faculty Publications discoverable

2016 October

Yeo Pin Pin

What is a Library?



Quick Facts

- Over 375,000 books (Over 325,000 e-books)
- Over 80,000 e-journals
- 160 electronic databases
- 2,000 audio-visual resources
- 1,800 seats and 8,000 sqm
- Physical and virtual learning environment
- 38 staff – 24 professional librarians
- Lifestyle Books
- Alma – Library Management System – hosted



Discovery of Library Resources



Libraries ▾

HOME

ABOUT US ▾

SERVICES ▾

COLLECTIONS ▾

RESEARCH ▾

NEWS ▾

EVENTS

Asian economic policies



Advanced Search

FIND SPECIFIC Journals | Databases | Books/Videos | Course Reserves | InK | Research Guides

RESEARCH GUIDES

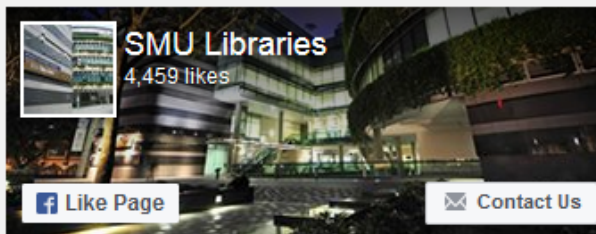
Featured

Popular

Recent

All

- How do I use Bloomberg



Library FAQ

My Library Account

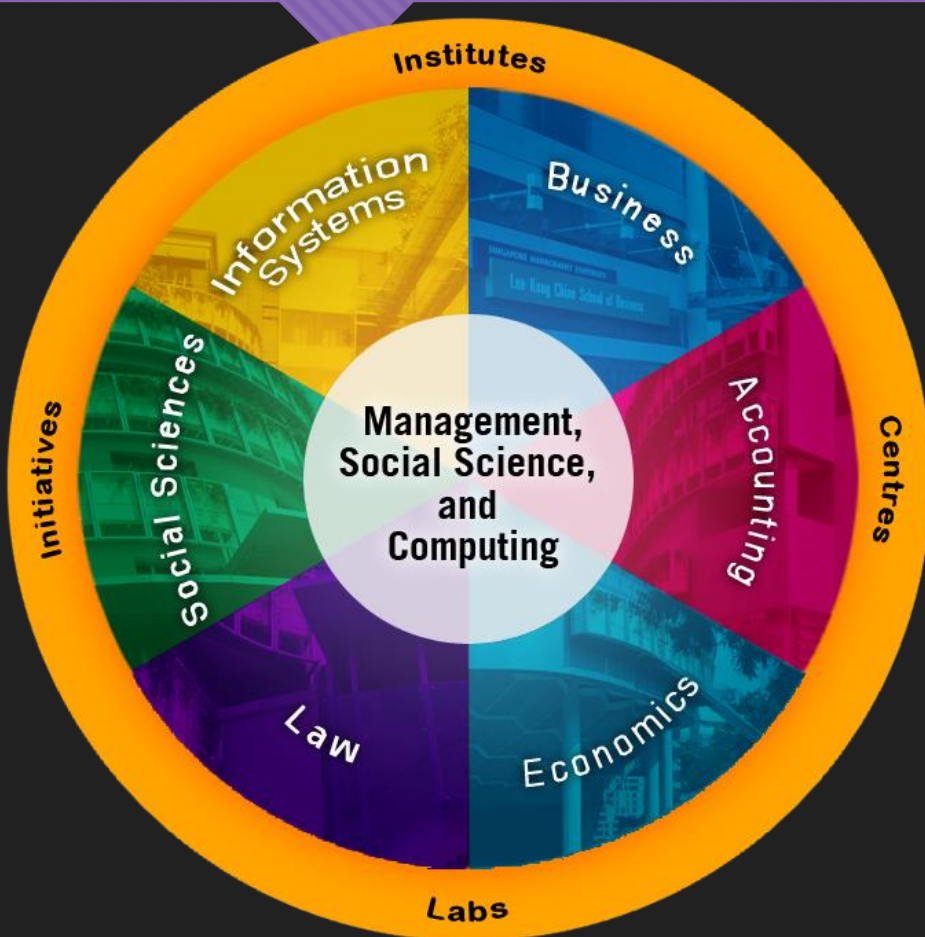
Library Heatmap

Request Item

Book a PC

CONTACT US

About SMU



- Established in January 2000
- First publicly-funded autonomous university in Singapore
- 7,791 full-time undergraduates
- 1,489 full-time and part-time postgraduates
- 353 full-time faculty

What to do with faculty pub?



Born Digital Publications

- Our faculty publications are mostly digital
- SMU had an in-house system RPS to collect data about faculty publications
- Library could tap on RPS
- Looked for a system to host the faculty publications
- Tried out Innovative Interfaces repository option (2008)
- Called tender (2009)

<http://ink.library.smu.edu.sg/>

InK on Digital Commons



Li Ka Shing
Library



Institutional Knowledge at Singapore Management University

[Home](#) [About](#) [FAQ](#) [My Account](#)

Institutional Knowledge (InK) at Singapore Management University manages and showcases the research and scholarly work of the SMU community. InK provides stable, long-term storage of SMU research output and provides open access to the full text of selected works. InK also hosts the University Heritage Collection comprising oral history interviews, photographs and university publications.

[More about InK.](#)

The contents of InK are searchable in Digital Commons Network, Google Scholar, OAIster, OpenDOAR, ROAR and other search engines that uses OAI-PMH.

Browse Research and Scholarship

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For more information about contributing to InK,
please email libIR@smu.edu.sg



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Institutional Knowledge InK

- Faculty publications
- Theses and dissertations
- Increase full text available in InK
- New collections e.g. SMU cases, Perspectives@SMU
- New features by Digital Commons e.g. Altmetrics, downloads
- Hosted solution SaaS
- Library focus on content

Open Access

- Open Access means making peer reviewed scholarly manuscripts freely available via the Internet
- Permitting any user to read, download, copy, distribute, print, search, or link to the full text of these articles, crawl them for indexing, pass them as data to software, or use them for any lawful purpose, without financial, legal or technical barriers
- SMU Open Access Policy
http://library.smu.edu.sg/sites/default/files/library/pdf/smuopenaccesspolicy_06102013.pdf
- Promote the policy, raise awareness of copyright & IP

Which version ©

Accounting Education: an International Journal, 2013
Vol. 22, No. 2, 109–124, <http://dx.doi.org/10.1080/09693284.2012.748505>



Using Digital Storytelling to Engage Student Learning

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Published online: December 2012

ABSTRACT No one really knows what the first story ever told in human history was, but storytelling is an art that spans many civilizations and cultures, and continues to be a major part of our modern lives. More recently, storytelling has gone digital with advances in technology and connectivity. Educators have also rediscovered how storytelling can be an effective teaching pedagogy for engaged student learning. A digital story can engage students' visual and auditory senses in a way that the written word alone cannot. This article describes such an effort. *The Movie-Door-2-Door.com* (MD2D) is a digital story spanning 12 episodes. The story revolves around three young business graduates who started their own business and discovered the role of financial information in managing a business along the way. An independent survey by the University's teaching unit showed that the use of such digital stories can be an appropriate pedagogy to help student contextualize accounting and its role in helping management make decisions. The first four episodes of the MD2D digital story are available for viewing at www.research.smu.edu.sg/faculty/MD2D/.

KEY WORDS: Digital storytelling, contextual learning, computer-based learning, teaching innovation, student engagement, introductory financial accounting course

Using Technology in Accounting Education

The relevance of developing effective teaching pedagogies in accounting education is increasing in tandem with the growth and development of the profession (Kermis & Kermis, 2010). While several accounting educators have recognized the importance of incorporating effective teaching methods into accounting curricula (De Lange, Suwardy and Mandovo, 2003), students still lament that accounting can be a dull and boring subject

AEI20125 Using Digital Storytelling to Engage Student Learning

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Increasingly, educational institutions have leveraged on technology through the incorporation of computer-based learning in their teaching pedagogies (Sadik, 2008). This is helped by the fact that many universities are now equipped with electronic media outlets, tools, software and systems that allow instructors to create multimedia learning platforms for students (De Lange et al., 2003). Furthermore, the current generation of

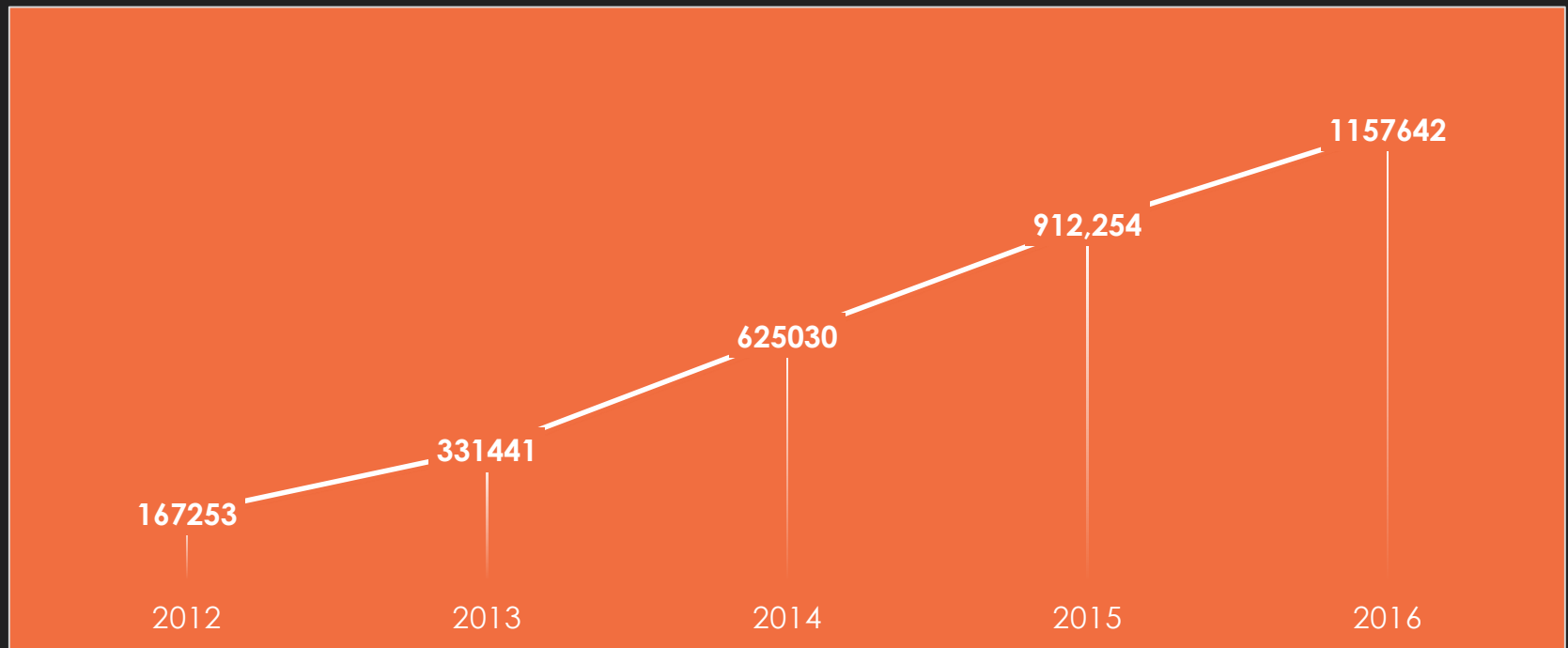


Milestone 1 m download

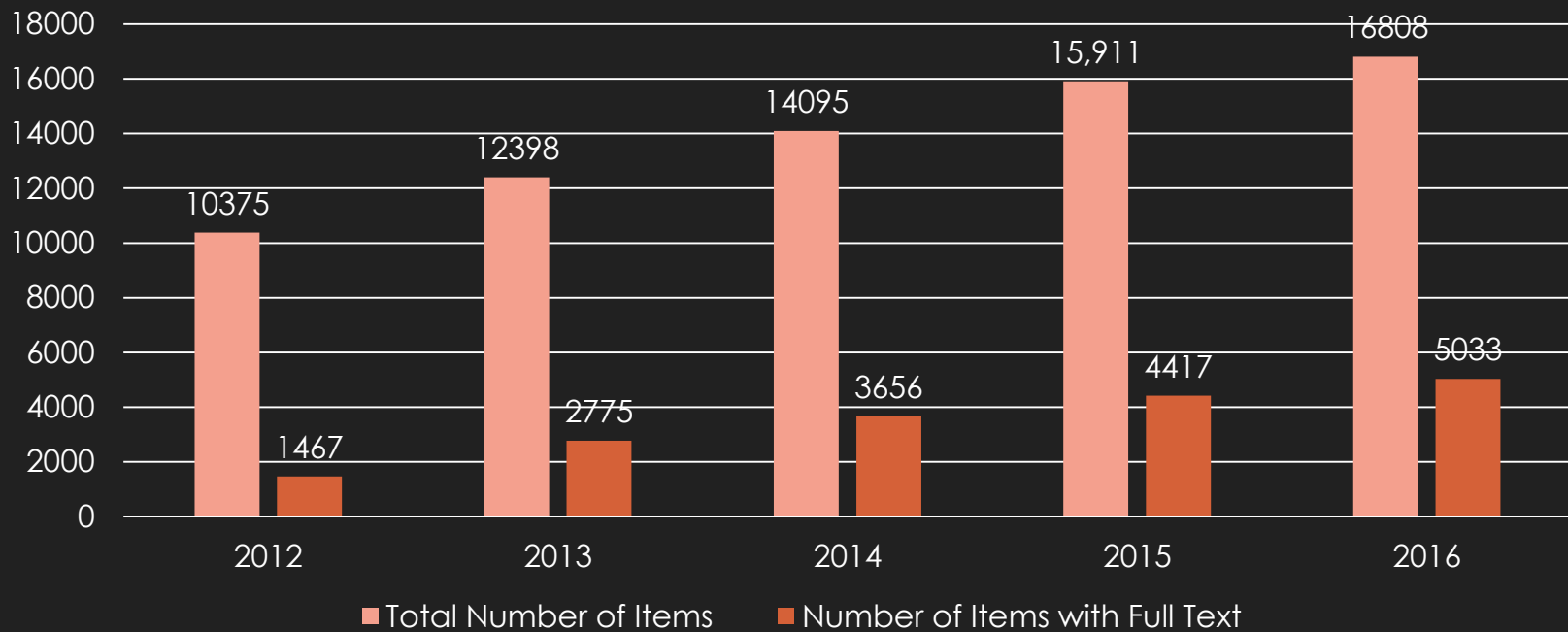
Launched Jan 2010, 1 million downloads April 2016 from 5000 full text



InK Cumulative Full Text Downloads



InK Records and Full Text



Increased % of full text from 15% to 30%

Downloads & AltMetrics on InK

Twitterrank: Finding Topic-Sensitive Influential Twitterers

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 **15,646 Downloads**
Since September 23, 2010

Publication Date

2-2010

Abstract

This paper focuses on the problem of identifying influential users of micro-blogging services. Twitter, one of the most notable micro-blogging services, employs a social-networking model called "following", in which each user can choose who she wants to "follow" to receive tweets from without requiring the latter to give permission first. In a dataset prepared for this study, it is observed that (1) 72.4% of the users in Twitter follow more than 80% of their followers, and (2) 80.5% of the users have 80% of users they are following follow them back. Our study reveals that the presence of "reciprocity" can be explained by phenomenon of homophily. Based on this finding, TwitterRank, an extension of PageRank algorithm, is proposed to measure the influence of users in Twitter. TwitterRank measures the influence taking both the topical similarity between users and the link structure into account. Experimental results show that TwitterRank

 **Included in**
Databases and Information
Systems Commons,
Numerical Analysis and
Scientific Computing
Commons, Social Media
Commons

SHARE



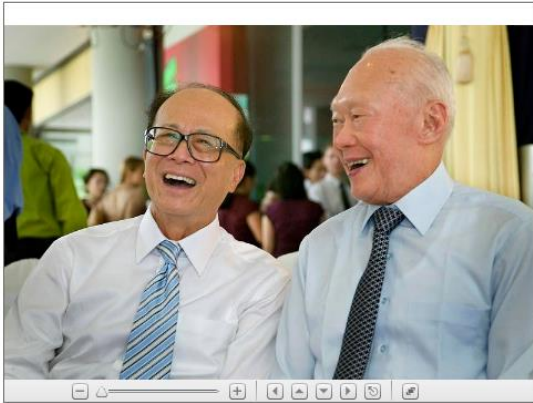
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http://ink.library.smu.edu.sg/sis_research/504/

Other Collections Added

○ Image Gallery

Li Ka Shing Library Opening Ceremony



Download

Medium

Thumbnail

40 Downloads
Since December 22, 2013

KEYWORDS

Singapore Management
University, Li Ka Shing Library,
Dr Li Ka Shing, Minister Mentor
Lee Kuan Yew, Opening
Ceremony

SHARE



Browse the SMU Image Gallery Collections:

Buildings and Campuses

- Bukit Timah Campus (2001 - 2005)
- City Campus (2005 - Present)
- Evans Road Building (2000 - 2001)
- Goldbell Towers (1999 - 2001)

○ Oral History

<http://oralhistory.smu.edu.sg/>

○ 22 interviews in initial batch

○ New interviews in 2013-2016



Oral History Collection

Oral History of SMU: The People and Ideas behind the SMU Story

Submissions from 2015



Oral History Interview with Ruth Chia



Oral History Interview with Rajendra

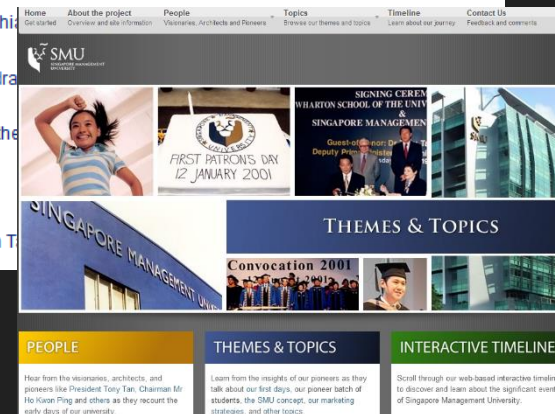


Daringly Different: The Making of the

Submissions from 2014



Oral History Interview with Sharon T



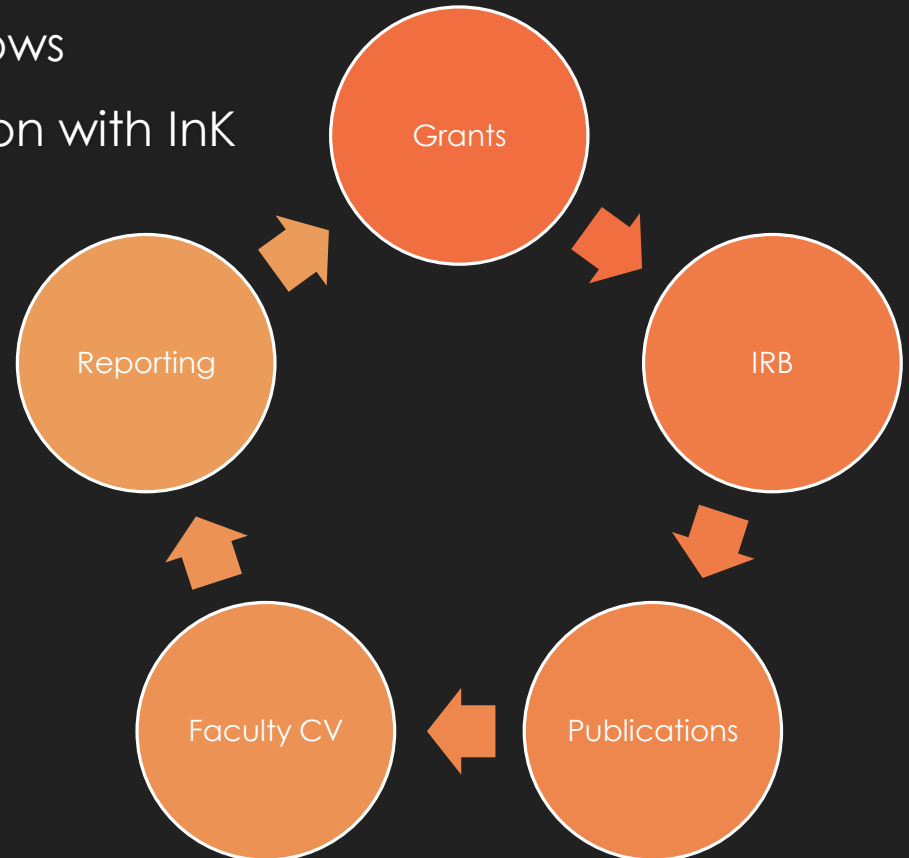
Successful Repository

Exercise to compare the clients of Digital Commons by vendor
One of the few clients to do well for all three areas

Benchmark Area	Year of 2014	Percentile
Growth (no. of full-text objects added during the year)	903	50th-79th
Breadth (no. of series/publications that have had 1 or more objects added in the year)	32	50th-79th
Demand (average number of downloads per object for the year)	79	50th-79th

IRIS Project

- New system for Integrated Research Information System
- Opportunity to improve work flows
- Opportunity for better integration with InK



IRIS Publications timeline

Open tender called September 2013

Awarded to CONVERIS from Avedas March 2014
(later acquired by Thomson Reuters)

Project kick off April 2014

IRIS Publications beta launch October 2015

IRIS Publications live January 2016

First installation in Asia



Implementation

- Map fields in InK to IRIS
- Trial load of data from InK into test version of IRIS
- Specification of fields to display for different publication types
- Specification of rights for different roles
- Specification of email notifications
- Specification of reports and analytics
- Build integration to InK & SMU website

Previous / Existing Systems

Research Grants System



IRB (Institutional Review Board)
via email



RPS (Research Publications System)



Faculty
CV



Publications on
SMU website



InK
(institutional
repository)

Issues with Previous Workflow

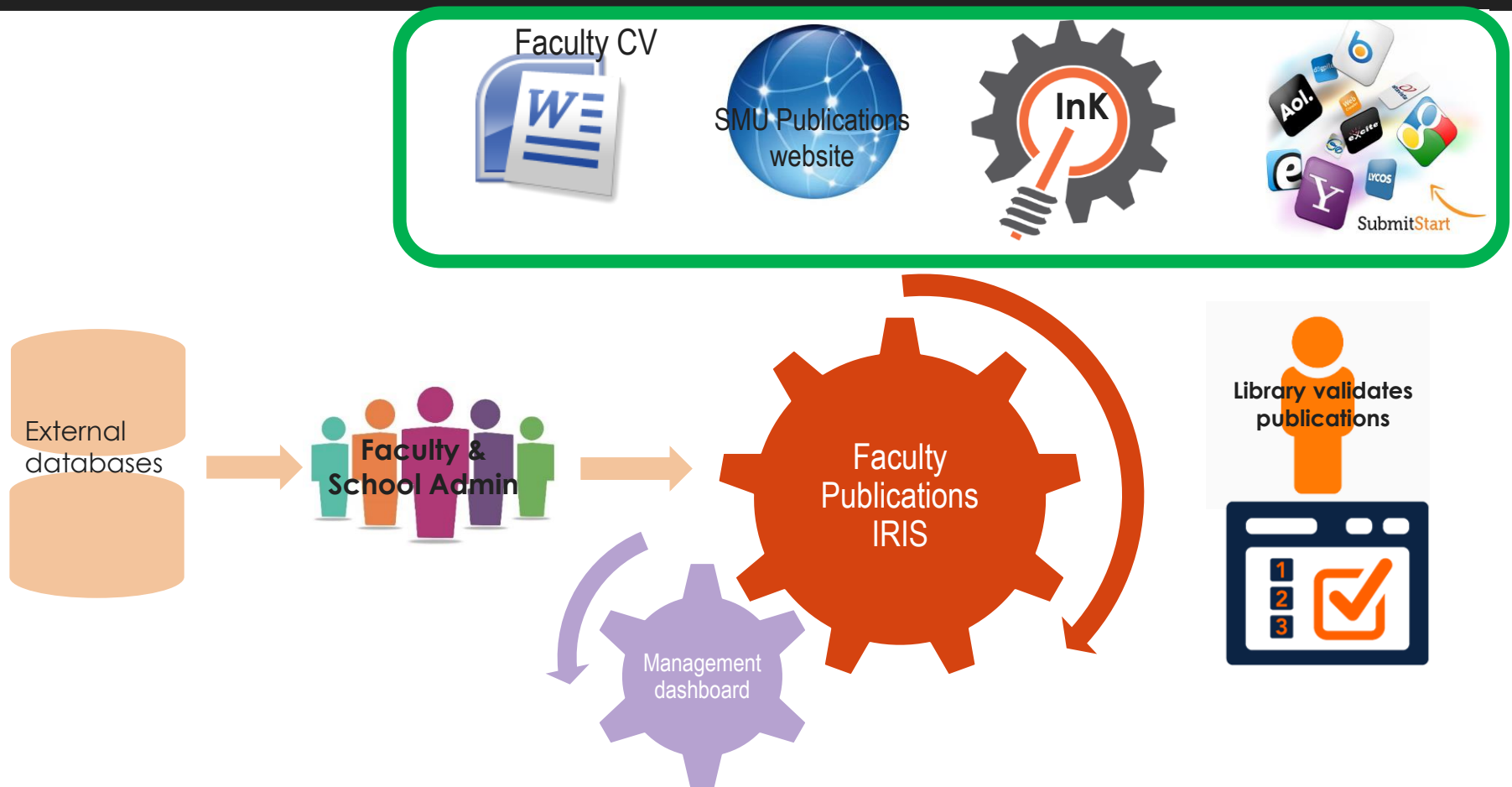
- Faculty or school administrator had to do manual entry for all records
- Records in RPS and InK start to diverge as changes to InK records not reflected in RPS
- New records spike when school / Office of Research / faculty review calls for updates
- RPS requires in-house manpower to maintain
- Users find RPS not so user-friendly

Advantages

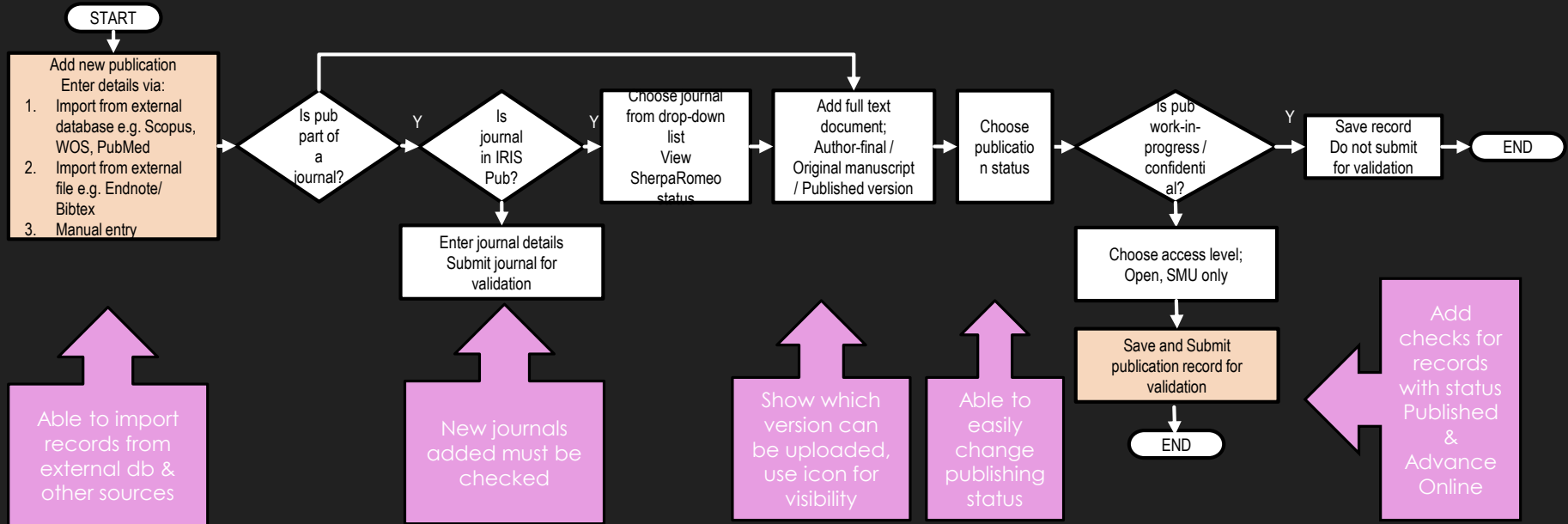


- Update publications records in ONE place inside IRIS
- Import records from databases like Scopus, Web of Science
- Journals titles are controlled in IRIS to ensure consistency
- Workflows put in place
- Library validating records for published works
- Single sign on to IRIS with SMU ID
- IRIS Publications available to postgraduate students and staff

IRIS Publication Workflow

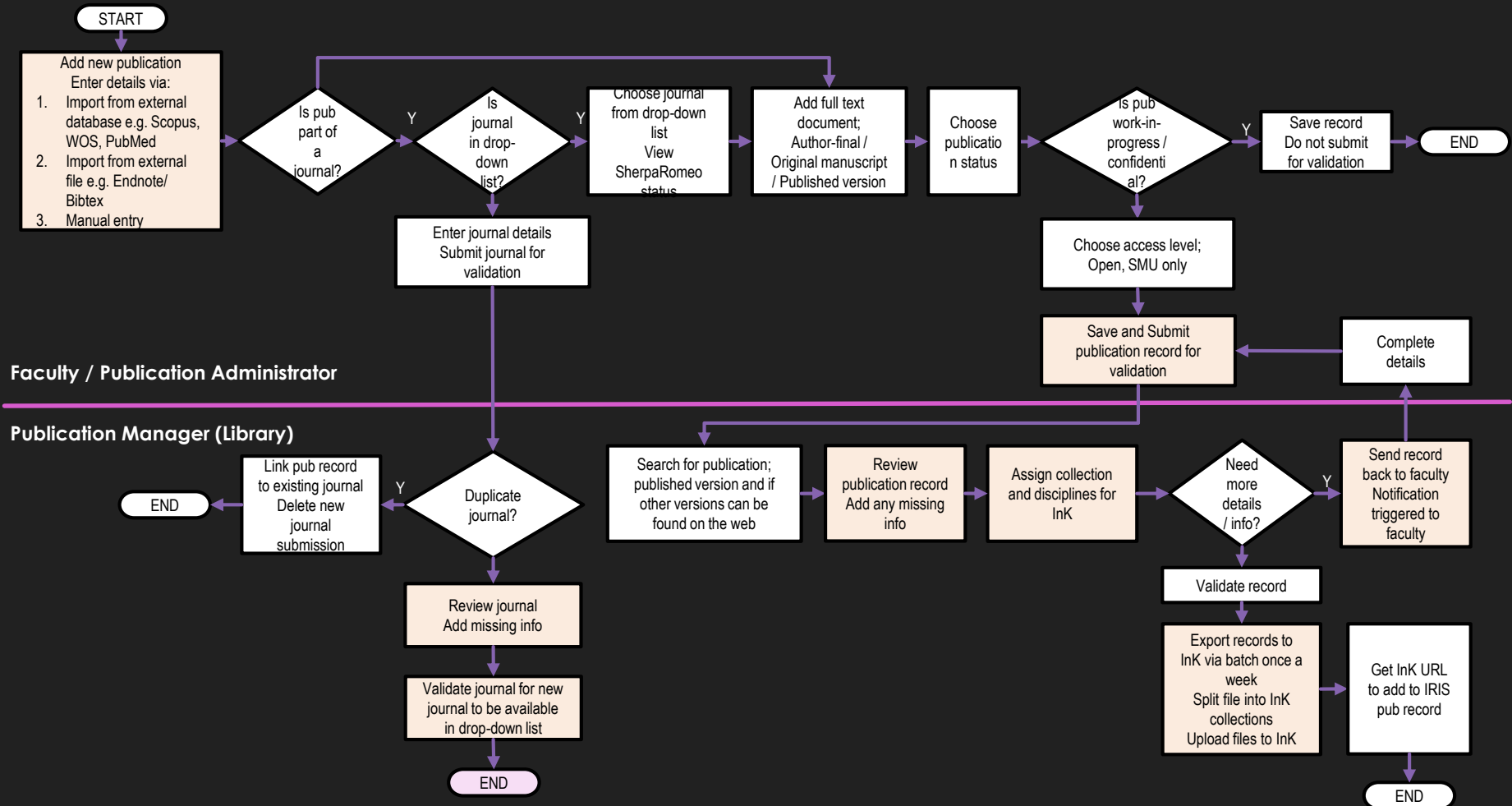


IRIS Publications Workflow



Average time taken to enter one publication = 7 mins
Average time taken to import one publication = 3.5 mins

IRIS Publications Workflow & Library Workflow

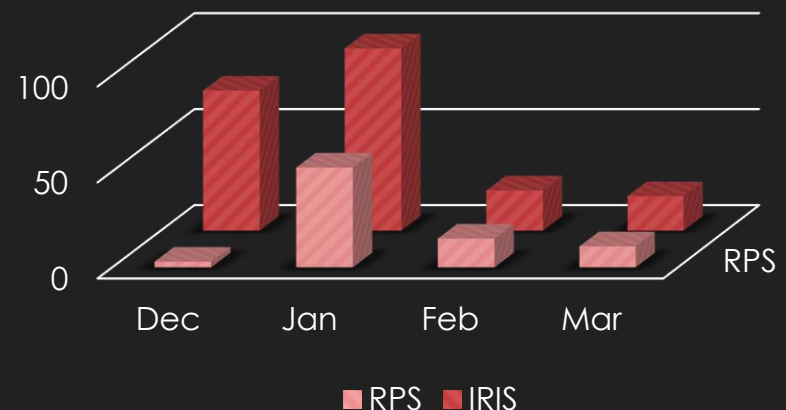


More Full Text uploaded

	Dec	Jan	Feb	Mar	Total
No of full text in RPS	3	52	15	11	81
No of full text in IRIS	73	95	21	18	207

- IRIS is a good opportunity to encourage faculty to upload full text
- Show which version can be uploaded
- Upload option more visible
- Full text increased by 150%

Full Text



Issues



- Getting specifications right
- Getting documentation right
- Understanding what the system can deliver
- Understanding how the system works
- Getting experienced project manager (vendor) who knows CONVERIS system well
- Working with vendor in different time zone with only a short overlap of working hours
- Getting enough resources from vendor focused on the project
- Time spent on integrations with SMU HR system, website, management dashboards
- Time spent on getting Single-Sign-On (SSO) to work
- Staff turnover (vendor & SMU)
- End-to-end testing had to be repeated and involved many parties
- Change management with end users

Madam Kwa Geok Choo Law Library 2017



Questions & Thank you

