

**DAM System for Digital Library in Modern Age**

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**DAM System for Digital Library in Modern Age**

Definition

Digital asset management is the systematic management of digital data, such as text, image, audio, and video files, so that they can be reused and re-purposed.

It aims to maximize the value of these assets by facilitating easy storage and retrieval while protecting and, at times, enhancing their utility.

A digital asset is any form of salient information that plays a role in an institution's efficiency and effectiveness.

**DAM System for Digital Library in Modern Age**

Examples of Digital Assets

- Text file (Books / Report / presentations , etc.)
- Software , Database
- Image
- Audio
- Videos

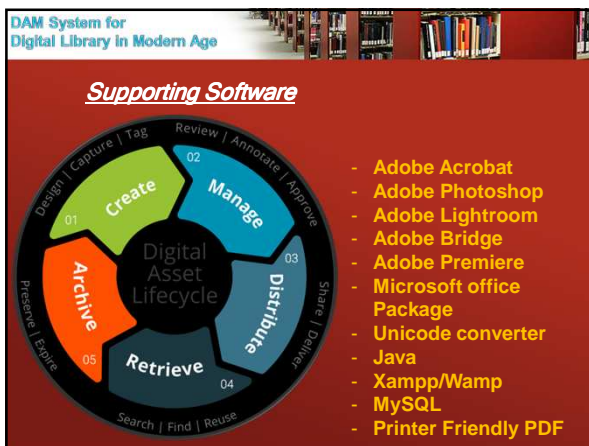
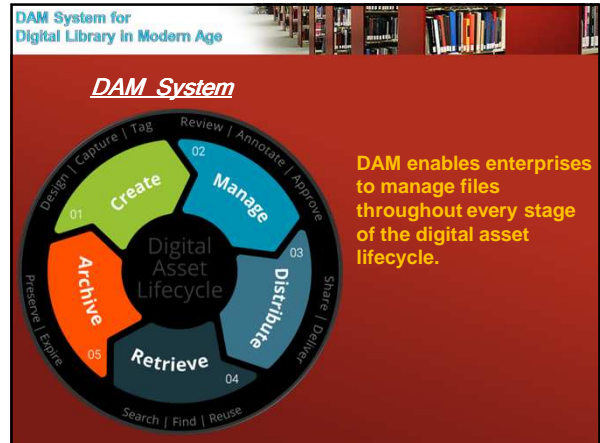
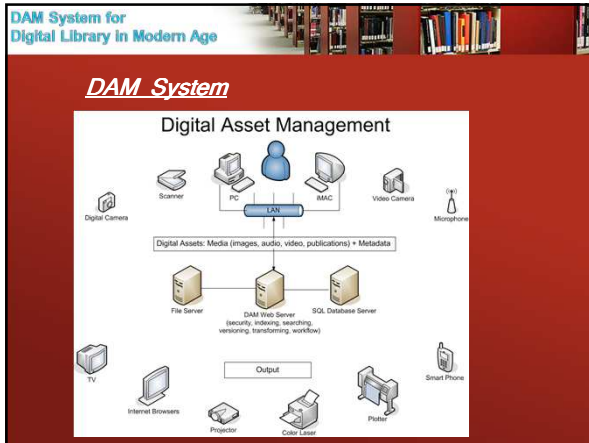
**DAM System for Digital Library in Modern Age**

History

*Mother of DAM System*

*Jennifer Neumann, chief executive officer, Canto*

- 1<sup>st</sup> software "Cumulus" developed by canto, Germany in 1992
- Web-based application used 2000



DAM System for Digital Library in Modern Age

Users

It is very much useful for everyone...

- Library
- Museum
- Educations Institute
- Business companies
- NGOs , GOs & other organization
- Photographer
- Artist
- Film Makers
- Musicians

DAM System for Digital Library in Modern Age

Advantage

- Systematically Archive
- Different types of file in a platform
- Metadata
- Search (Normal or advanced )
- Share (normal and huge files)
- Manage Huge Data
- Access from any where
- Save time & Internet bandwidth
- Mange users
- Coast efficiency
- Editing resources
- Generate different types of reports

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Disadvantage

- Digital Divide
- Trained Human Resources
- Equipment
- Long term funding
- Choose vendor and software
- Copy Rights issue (Legal Term)
- Lack of Nepalese software

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Uses by the Library

DAM System

- Library of Congress began its American Memory Project ( <http://memory.loc.gov/ammem> ) and the University of California began development of its California Digital Library ( [www.cdlib.org](http://www.cdlib.org) ) in 1996
- Dramatically increase numbers of library implemented DAM System after library related different tools available in 2005

DAM System for Digital Library in Modern Age

*Resources for DAM System*

Software	Freeware / Purchase / Develop
Human Resource	Librarian / IT Expert / Lawyer
Equipment	Server / Computer / Hard Drives / Scanner etc.
Infrastructure	Good Network System / Power Supply

DAM System for Digital Library in Modern Age

*Software (Freeware)*

**Dspace:**

- The first public version of DSpace was released in November 2002. It was developed by DuraSpace in USA. It is non profit organization.
- Now it's 6.3 version is available . It was released on 27 June 2018. DuraSpace are preparing to the release of 7 version of DSpace.
- This is web based application
- This is one of the popular software for DAM System.



DAM System for Digital Library in Modern Age

*Software (Freeware)*

**ResourceSpace(RS):**








- The application was originally developed for Oxfam GB by Neale Hall and Dan Huby of Montala , UK in 2006 .
- It was developed for daily use of Oxfam's internal resources team to manage and distribute over 60,000 photo, text and video resources.
- Oxfam have kindly agreed to release the product under a BSD-style license.
- Now it's 8.5 version is available . It was released on 1th May 2018.
- This is also web based application
- This is another popular software for DAM System.

DAM System for Digital Library in Modern Age

*DAM System in INSEC Human Rights Library*

**- INSEC has been using since 2014**

*We had separate database for different documents*

Book Database	News Clippings Database	Document Database	Photo Database	Audio & Video Database
				

DAM System for Digital Library in Modern Age

*INSEC HR Library: Databases & Software*

**Is it proper way to manage different types documents in separate databases ?**

DAM System for Digital Library in Modern Age

*INSEC HR Library: Manage Software*



**How to manage these softwares?**

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*File management*

- We have 35 PCs in the Central Office of INSEC

For instance, If a files created every day by each PC

No. of PC	Days	Total Final Files
35	1	35
35	5 (a week)	175
35	20 (a month)	700
35	240 (a year)	8400
35	1200 (five year)	42000

**How to manage these of files?**

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*File management*

- How to manage files in the PC once staff resigns ?
- How to find a specific file from a PC of staff who is in leave ?

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Solution : File management System

- Traditional System
- Modern System
- Others

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Solution : File management

- Traditional System of file management (Folder System)



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Solution: File management

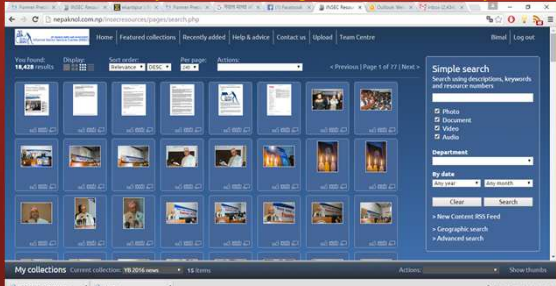
- Modern System of file management . You can access all files (document. Photo. Video and audio) in one platform.



DAM System in INSEC Human Rights Library

File management : Solution


- Modern System of file management is RS as DAM System



DAM System for Digital Library in Modern Age


**Now we have**

- ResourceSpace (RS) as Digital Asset Management (DAM) System for Digital Library.
- A system that creates a centralized storehouse for digital files that allows the content to be archived, searched and retrieved whenever needed.



DAM System for Digital Library in Modern Age

**Resource Space as a DAM System**



- The application was originally developed in 2006 for Oxfam GB by Neale Hall and Dan Huby of Montala and is in daily use by their internal resources team to manage and distribute over 60,000 photo, text and video resources. Oxfam have kindly agreed to release the product under a BSD-style license.
- Open source - released under a BSD style license and is therefore completely free of charge, and you are free to develop the product further without restriction.

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**Resource Space as a DAM System**

**Why Resource Space?**

- It's Open Source Software with frequently updates also for free.
- User friendly
- Google groups for discussion and solved the problems
- Wiki for tutorial
- Your users serve themselves so your internal workload is reduced.
- All digital Resources are found easily and quickly in a platform.
- It's much easier to send our resources to those that need them without using up our own bandwidth: suppliers receive links via e-mail so they can download the resources themselves directly from the system.
- Only a web browser is needed - no cumbersome client software installations.
- Discover and respond to trends by using the detailed reporting and statistics functionality.
- Categories resources as for access as open, Restricted, Confidential, centum
- Create relation between related resources

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- It's much easier to send our resources to those that need them without using up our own bandwidth: suppliers receive links via e-mail so they can download the resources themselves directly from the system.
- Higher quality resources are promoted so use of our best resources is encouraged.
- Only a web browser is needed - no cumbersome client software installations.
- Discover and respond to trends by using the detailed reporting and statistics functionality.
- No Hacking news

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*Resource Space as a DAM System*

**DAM System in INSEC**

- We started with 6.1 version in 2014
- Now we are working with 7.9 version. It was just released on 15<sup>th</sup> Apr. 2016.



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*Resource Space as a DAM System*

**DAM System in INSEC**


- Resource type
  - Photo
  - Documents
  - Video
  - News clip



DAM System for Digital Library in Modern Age


*DAM System in INSEC : Users*

- External user : Download resources after granted of permission.
- Internal user: Allow to search and download all resources.
- Archivist : Allow to search, download all resources and upload.
- Archivist : Allow to search, download all resources and upload.
- Admin: Manage whole system.



DAM System for Digital Library in Modern Age

**Total Resources in INSEC DAM System till 11<sup>th</sup> June 2017**



Category	Count
Total Resources	53,950
Total Views	99,276
Photo	25,581
Document	3,075
Video	356
Audio	957
News Clips	24,021
Total Downloads	14,969

INFOGRAPHICS OF INSEC DIGITAL ASSETS MANAGEMENT (DAM) SYSTEM

Concept: Smit G. Sharma | Designed: Suresh Sharma



