



IJIRCCCE

e-ISSN: 2320-9801 | p-ISSN: 2320-9798



INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN COMPUTER & COMMUNICATION ENGINEERING

Volume 8, Issue 10, October 2020

ISSN INTERNATIONAL
STANDARD
SERIAL
NUMBER
INDIA

Impact Factor: 7.488

 9940 572 462

 6381 907 438

 ijircce@gmail.com

 www.ijircce.com

Web Based File Repository System

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ABSTRACT: Here we aspire to make the file Repository for the Institute. The main aim of this project is that user can only download the file and make copy of this file but staff cannot change in original file. In this system we manage all documents, files at one place. File Repository, also on-demand Repository is a kind of Internet-based repository provide shared processing resources and data to computers and other devices on demand. This abstract aims at giving an overview about a File Repository which will help to reduce the problems of Staff. Document management includes a set of activities related to production, handling, storage, and dispose of documents. The Colombian government define this as a group of managerial and technical activities oriented to planning and organize produced and received documentation. Document Management can be defined as the way which is used by organizations to manage and track electronic documents.

KEYWORDS: File Repository, Digital Signature

I.INTRODUCTION

A File Repository can contain folders and files. An online File Repository within a college institution which allows teachers upload Documents and other files resources to the repository. In order to maintain the security of the network the three major security goals must be fulfilled that is while sharing a data over a network it should be hidden from any unauthorized access (Confidentiality), its protection from unauthorized changes or manipulation of data (Integrity), and availing the data whenever it is needed (Availability). It's possible to search the file in the file system repository to make locating files easier if there are many files available. File Management Systems refers to managing and accessing the documents electronically.

II.PROBLEM STATEMENT

Initially file repository system, visiting institute we came on the conclusion, there are many problems to staff. In this system anyone can copy the file or make changes in original file. The file system repository allows access to files which have been uploaded into. Designated folders on the server. When a file from the file system repository re-used elsewhere the staff has option to make a copy of document.

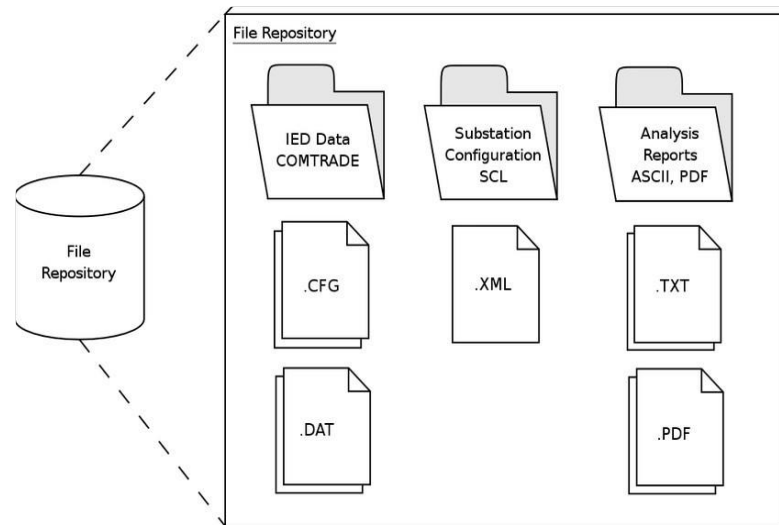


Fig. 1: Initial File Repository System

III. EXISTING SYSTEM

Initially file repository system, visiting institute we came on the conclusion, there are many problems to staff. In this system anyone can copy the file or make changes in original file. The file system repository allows access to files which have been uploaded into Designated folders on the server. When a file from the file system repository re-used elsewhere the staff has option to make a copy of document. In the existing system giving rights to the groups and files both were not given. A single history was saved for the project. The file manipulating method was not done in a centralized manner. In the existing system when the file is being modified the change in version number is done by the particular user. Searching process is mainly done on the file name itself.

IV. PROPOSED SYSTEM

The proposed method is to an online File Repository within a college institution which allows teachers upload Documents and other files resources to the repository. In order to maintain the security of the network the three major security goals must be fulfilled that is while sharing a data over a network it should be hidden from any unauthorized access (Confidentiality), its protection from unauthorized changes or manipulation of data (Integrity), and availing the data whenever it is needed (Availability). It's possible to search the file in the file system repository, to make locating files easier if there are many files available.

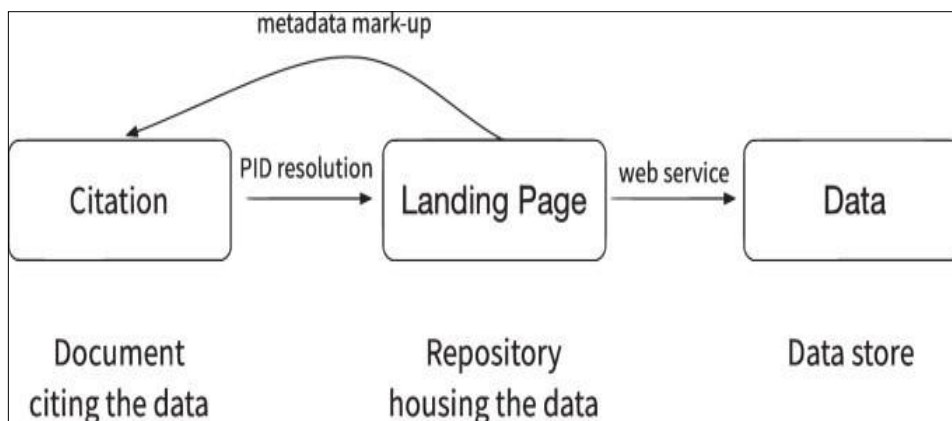


Fig.2: Proposed File Repository System

V. REQUIREMENTS

i. Hardware Requirement

- Processor: Intel core i3
- RAM: 4 GB
- Hard Disk: 64 GB

ii. Software Requirement

- Operating System: Microsoft Windows XP With Service Pack2/Win-7.
- Software Package : SDK XML, PHP MySQL
- Other Software's : Adobe Photoshop, coral Draw.

VII. DOCUMENT MANAGEMENT

Simultaneous but separate editing of documents to avoid the conflict of overwriting.

- i To roll back to the last accurate version of the document in case of any error.
- ii Version control to differentiate between two different versions.
- iii Reconstruction of documents.
- iv Today, File Management is available from a small stand-alone application to large-scale enterprise-wide configurations that incorporates standard document filling features.

Features include in Proposed System

- i Storage Location
- ii Security and access control
- iii Auditing and Indexing
- iv Classification, Search and retrieval
- v Integration with desktop application

Electronic File Management System should containing following the components:

- i **Import:** To open a new document into the system.
- ii **Storage:** To maintain system files and utilize storage.
- iii **Identity:** To retrieve documents with accuracy by assigning indexes.
- iv **Export:** To remove items from the system.
- v **Security:** Password-protection on certain files for authorized users.

Feasibility of Proposed System:

Technical Feasibility

Technical feasibility examines the work for the project be done with correct equipment's, existing software technology and available personnel. The important advantage of the system is that it is platform independent.

Economic Feasibility

The system is economically feasible since the savings and benefits of the system are more when compared to the cost. The Spoked system reduces the human effects and also reduces the drawbacks of the existing system. The proposed system is more accurate, speedy and dependable. Thus the cost by benefit ratio is very small.

Behavioural Feasibility

The proposed project would be beneficial to all Organizations that; it satisfies the objectives when developed and installed. All the behavioural aspects are considered carefully. Thus the project is behaviourally feasible and it can also be implemented easily.

VIII. DATA BASE MANAGEMENT SYSTEM

The overall objective in the development of database technology has been to treat data as an organizational resource and as an integrated whole. Database Management System allows data to be protected and organized separately from other resources. Database is an integrated collection of data. The most significant of data as seen by the programs and data as stored on the direct storage devices. This is the difference between logical and physical data.

The organization of data in the database aims to achieve three major objectives:

- i Data integration
- ii Data integrity
- iii Data independence

The databases are implemented using a DBMS package. Each particular DBMS has unique characteristics and general techniques for database design. The proposed System stores the information relevant for processing in the SQL server database. This SQL Server database contains tables, where each table is called a field or column. A table also contains records, which is a set of fields. All records, in a table the same set of fields with different information. Each table contains key fields that establish relationships in an SQL database and how the records are stored. There are primary key fields that uniquely identify a record in table. There are also fields that contain the primary key from another table, table called foreign.

IX. APPLICATION

- i Collage Institute.
- ii Hospital.
- iii School .
- iv Government Office

X. ADVANTAGES

- i Compactness
- ii Editing
- iii Sharing
- iv Higher Security of file
- v Well Managed Documents

XI. CONCLUSION

Using File Repository systems effectively within an organization ensures that data is safe, accurate, and accessible. With that comfort, staff feels more apt to reduce paper and rely on the file repository system. It is one important step to becoming a paperless office. The file system repository allows access to files which have been uploaded into designated folder on the server. When a file from the system repository reused elsewhere the staff has option to make a copy of document.

XII. ACKNOWLEDGEMENT

Our deepest gratitude goes to my Guide Prof. P.B. Kudal (Lecture, Department of Computer Engineering, Guru Gobind Singh Polytechnic, Nashik) for her immense patience in dealing with our doubts and providing the required guidance and suggestions. She has always been very prompt and quick in sharing her views and advising at various stages of the dissertation work. We would also like to express our sincere gratitude to Prof.G.R.Jagtap (Head Of Department, Computer Engineering ,Guru Gobind Singh Polytechnic), who had been very supportive in allowing me the liberty to independently pursue the work.

REFERENCES

1. Bjork, Bo-Christer, 2001. Document management - a key technology for the construction industry, In: Information and Communications Technology (ICT) in the Practice of Building and Civil Engineering, proceedings of the 2nd worldwide ECCE Symposium, Espoo, Finland 68.6.2001, Association of Finnish Civil Engineers, Helsinki, Finland, pp. 35-43.



2. White House Directives and Funded Research Data VoaV0I-cFzo Bergman, C. 2015. Big Data, Little Data, No Data. Scholarship in the Networked Age. MIT Press Baker, Mona. 1500 Scientists Lift the Lid on Reproducibility.
3. Deng, Z..M. ; Li, H.; Tam, C.M.; Shen, Q.P.; Love, P.E.D. 2000. An Application of the Internet-based Project Management System, Automation in Construction Vol. 10(2000), pp. 239-246.
4. Howard, Rob; Petersen, Ernst 2001. Monitoring Communications in Partnering Projects, Electronic Journal of Information Technology in Construction (ITcon), Vol 6(2001), pp. 1-16 <http://www.itcon.org/2001/1/>.
5. Ng, S. T.; Chen, S. E.; McGeorge, D.; Lam, K.-L.; Evans, S. 2001. Current State of IT usage by Australian Subcontractors Construction Innovation, Vol 1., Nr. 1, March 2001, pp. 3- 14 .
6. BB 1999. Dataudveksling via Project Web, Publication 7, IBB, TeknologiskInstitut, Taastrup, Denmark .
7. Egan, J. 1998. Rethinking Construction, Report of the Construction Task Force on theScope for Improving the Quality and Efficiency of the UK Construction Industry, Department of Environment, London.
8. Watson, A.; Davoodi, M. 2002. Transferring Project Documents and Associated Metadata Between Company Document Management Systems and Project Extranets, Accepted for publication, eSM@RT conference, Salford, UK, November 2002.
9. Rezgui, Yacine; Debras, Philippe 1996. An Integrated Approach for a Model Based Document Production and Management Electronic Journal of Information Technology in Construction, Vol 1. (1996), pp. 1-21 <http://www.itcon.org/1996/1/>.



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