

# Remote File Sharing System for Education Institution

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Document Share is a web-based application which helps students to easily submit or share their document with college or school or education institute just via submit QR Code. It's fast and secure. Student can also print their digital Document ID CARD. Documents are saved on server are encrypted so documents are secure. From other users. Students-FYJC/SYJC/engineering/under-graduation/post-graduation those who are searching for admissions in different colleges submitting their documents to perceive admission in that college. It takes so much time to go to that colleges and submit their documents. The colleges are far away from the place the person stays so basically students face time issues to do this important task. To overcome this problem this particular topic is chosen to reduce the cost of traveling and the most important time of the student.

**Keywords:** Web Development, QR code, SQL database, Encrypted, File Sharing etc.

## 1. Introduction

Currently, print media is replaced by digital media, resulting in the increasing number QR codes (Quick Response Codes) are short for Quick Response codes used to extract a piece of data from a transitory media and put it into your cell phone. QR Codes may appear in a variety of places in the near future. Magazine advert, on a billboard or even on someone's t-shirt. Using QR codes are completely free and do not require any type of license. Document Share is web-based application which helps students to easily submit or share their document with college or school or education institute just Via submit QR Code. It's fast and Secure. Students can also print their digital Document ID CARD. Documents saved on the server are encrypted so documents are secure. From other users. The Login and Registration module allows the student to create their own profile on the site and manage their account to upload and download and delete their documents as per requirements.

- **QR Code and ID CARD:** - This module helps students generate QR code and Digital Document cards for sharing their document securely and easily with any organization. Students can generate different QR Codes for a group of documents.
- **OTP:** Student can protect their document with Mobile OTP so only real person get access with whom student shared the OTP
- **Group Share:** Students can create groups and so other fellow students can get document access without OTP.
- **Block and Recover QR Code:** - Any student can block their QR Code and show one able to access document. And If student lost ID Card or forgot Account Details can easily recover it with OTP.

#### **PURPOSE:**

In Document share via QR code, the customer can share the products, he can also add the product. Document Sharing is web-based application which helps student to easy submit or share their document with college or school or education institute just via submit QR Code. It's fast and secure. Student can also print their digital Do CA Documents are saved on server are encrypted so documents are secure. From other users.

#### **PROBLEM DEFINITION:**

A QR code (quick response code) is a type of 2D bar code that can be scanned with a smartphone to enable quick access to information. The owner of a smartphone aims the phone at a QR code and opens a barcode reader app that works in conjunction with the phone's camera in this process, known as mobile tagging. The reader deciphers the code, which usually includes a call to action such as a request to download a mobile app, a link to watch a video, or an SMS message requesting the viewer to participate in a poll. The owner of the phone has the option of responding to the call to action or cancelling the invitation.

The most frequent sort of QR code is static, which is used to convey information to the general population. They are frequently seen in outdoor advertising (such as billboards and posters), on television, and in newspapers and magazines. The code's creator can keep track of how many times a code was scanned and what action was done each time, as well as the timings of scans and the operating system used. Dense-Wave, a Toyota subsidiary, created the QR code technology. Originally, the codes were used to track inventory.

Here are a few current instances of QR codes in use. QR codes on business cards lead to a person's whole resume or website. A QR code-enabled scavenger hunt with hints available using QR codes in stores was part of a Starbucks promotion. Quirky Monuments in Seattle uses QR codes on gravestones to direct visitors to an online obituary or a webpage about the deceased.

## **2. Literature Review**

April 2019 Conference: Google Drive

Authors: Jalal N. Jeber University of Baghdad

*Nanotechnology Perceptions* Vol. 20 No. S9 (2024)

The disadvantage of using existing project is that hackers may remove your essential data. They can do this by installing malicious hardware in your server also When uploading or downloading files from the current project the speed becomes slow when a lot of people use the platform simultaneously. Another truth is that current projects will analyze your content with the aim of creating ads or show their users relevant services and products.

November 2012 Conference: Proceedings of the 2012 ACM conference on Internet measurement conference

Authors: Idilio Drago

One of the drawbacks of this service is that the administrators or developers who run it have the authority to erase information from dormant, free accounts. This means that if you save some data on current project and then log out for a few months, it's doubtful that you'll be able to retrieve it when you log back in. There are also substantial worries about Dropbox's security. There have been several reports of servers being hacked and data being stolen. As a result, any sensitive data saved on Dropbox should be protected. Only Dropbox's developers are aware of the encryption used to protect user data. Dropbox does not allow users to encrypt their data before uploading it.

August 2018 IOP Conference Series Materials Science and Engineering

Authors: Caiyun Xu

The main goal of this survey is to provide a comprehensive picture of the current state of data storage and placement in the Cloud ecosystem. We recognise that some surveys on various aspects of Big Data exist, with a focus on the functional component and, in particular, Big Data storage difficulties. This survey, on the other hand, serves as a supplement to them. We focus on non-functional features to examine many aspects of the Big Data management architecture (such as DLM, data storage systems, and data placement approaches) that have been overlooked in previous studies. In addition, our contribution to Big Data placement is one-of-a-kind.

### **3. Modules**

#### **1. Login and Registration:**

The Login and Registration module allows the student to create their own profile on the site and manage their account to upload and download and delete their documents as per requirements.

#### **2. QR Code and ID CARD:**

This module help to student generate QR code and Digital Document card for sharing their document securely and easily with any organization. Student can generate different QR Code for group of documents.

#### **A) OTP:**

Student can protect their document with Mobile OTP so only real person get access with whom student shared the OTP.

## B) Group Share:

Student can create group and so other fellow students can get document access without OTP.

## 3. Block and Recover QR Code:

Any student can block their QR Code show one able to access document. And If student lost ID Card, forgot Account Details can easily recover it with OTP.

## 4. Document and Content Search:

Through this module user can search content as well as document with by name, date, size, extensions etc.

## 5. Active and Deactive Account:

User can deactive/active account for security reason through Mobile OTP.

## 6. Mobile Contact share with QR Code

This module help use to share important contact and group of contacts with QR code.

## 7. Accessed log:

A record of all those faculty/people who accessed my document through doc-share.

## 1. GANTT CHART



Fig 4.1 Gantt Chart showing monthly plan.

2. USE-CASE DIAGRAM

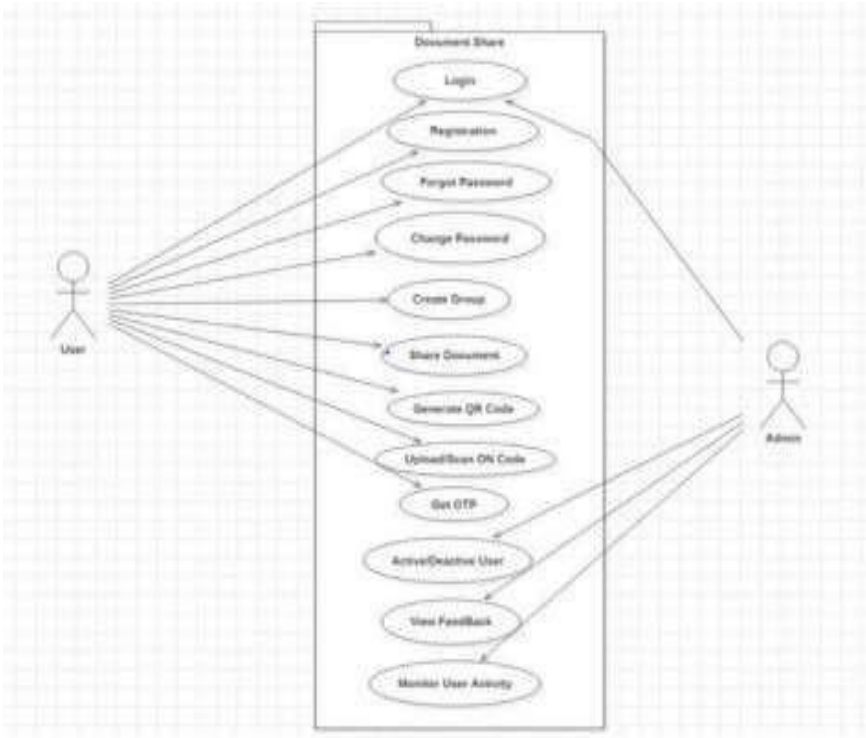


Fig: 6.1 Illustrate Use case Diagram of User and Customer.

3. CLASS DIAGRAM

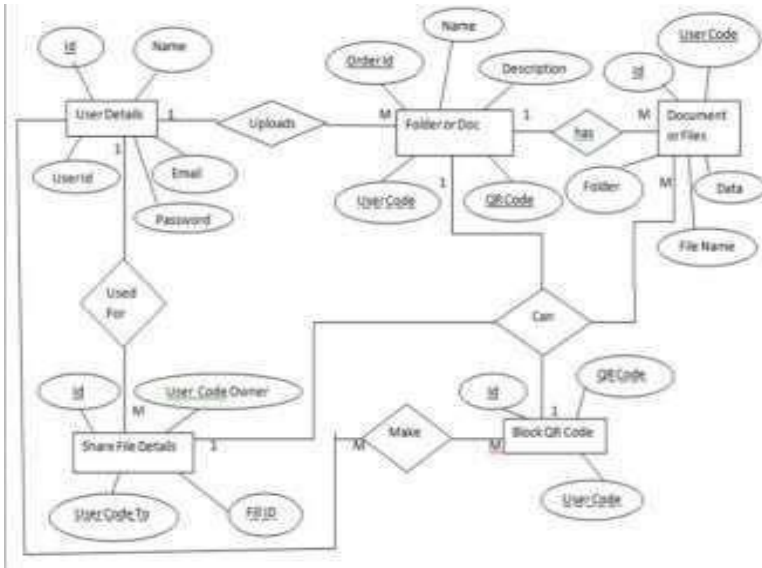


Fig: 7.1 Shows Class Diagram with all attribute and Decision.

## 4. RESULTS AND DISCUSSION



Fig: 8.1 Illustrate Login page of education Institute Portal.



Fig 8.2 Shows Second Webpage after Login



Fig 8.3 Illustrate Operational page of Educational Institute



Fig 8.4 Shows Database Web-page of Educational Institute.

## 5. CONCLUSION

The Project entitled DOC Share was successfully completed. The System is developed with much care of free of error/bugs and at the same time it is efficient and less time consuming. This project helped us gaining valuable information and practical knowledge on several topics such as designing web pages using HTML and CSS, usage of responsive templates and management of database. The entire system is secure. Also project helped us to understand about the development phases of software development life cycle. We learned to test different features of the project. Several agents have been created using web services and inter agent communication is done. Technologies in form of xml are used for storing information. Different ontologies have been created for different purpose. For implementing the system .Net technologies like ASP.Net, C#, CSS are used.

### Significance:

It is just one click away today , more than ever, people can easily share data but to make is secure and store in proper manner this system can be very helpful.

It's Fast Easy and Comfortable. In a nutshell, you can easily share your document with the other people, Store new Docs and keep it secure. Because it's visually appealing and simulating to all of the needy any one can use this system even in Offices and Schools, but its was developed by the students point of view.

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