

# Application for File Sharing System

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## Abstract:-

Application for File Sharing System is an idea of open or private sharing of PC information or space in a system with different levels of access benefits. While records can without much of a stretch be shared outside a system (for instance, basically by taking care of or mailing somebody your document), the term Application For File Sharing System quite often implies sharing documents in a system, regardless of whether in a little neighborhood. Application for File Sharing System enables various individuals to utilize a similar document Application For File Sharing System can likewise mean having a distributed measure of individual record stockpiling in a typical record framework. It empowers to make a focal storehouse for sorting out our organizers. Inside these envelopes we can make our own organizers and we can transfer our documents into it. Application For File Sharing System gives a document administration secure access control, sharing and supporting File with in the enrolled clients.

## I. INTRODUCTION

The Small universe of dispersed File Sharing System goes for giving and accepting of advanced documents over a system enabling various clients to get to a similar record on need level premise among the accessible clients of the framework.

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often implies sharing documents in a system, regardless of whether in a little neighborhood. Application For File Sharing System enables various individuals to utilize a similar record Application For File Sharing System can likewise mean having a designated measure of individual document stockpiling in a typical record framework. It empowers to make a focal archive for sorting out our envelopes. Inside these envelopes we can make our own particular organizers and we can transfer our records into it. Application for File Sharing System furnishes a document administration with secure access control, sharing and supporting File with in the enlisted clients.

## II. MODULES

The system after careful analysis has been identified to be presented with the following modules:

The Modules involved are

1. Authentication and Security Module
2. Users Module
3. File Management Module
4. Admin Module
5. Reports Module

### MODULES DESCRIPTION

#### Authentication and Security Module

The user details should be verified against the details in the user tables and if it is valid user, they should be entered into the system. Once entered, based on the user type access to the different modules to be enabled / disabled.

#### User Module

This module consists of the following sub modules

#### **Registration Module**

The general users who can use the application their personal information, contact information and other information etc...

#### **Users Management Module**

The Users can access their account information and they can view the details of their personal information and contact details. The Users can modify the personal and contact details of their in this module

#### File Management Module

This module has following sub modules

#### **Folders Management Module:**

In this module folder creation and maintenance, sub folder creation, deletion and managing the folder, the uploaded file can transfer from one folder to other folders.

#### **File Upload Management Module:**

The file uploading and managing the file will come in this module. The files accessibility privileges, information about the files size, type of the files, name of the files and memory management for file uploading and file deletion etc.

#### **File Download Management Module**

In this module the file downloads and storing it in to their system. the downloaded file information stores in the database. The files accessibility privilege and information of the accessibility given users details, information about the files size, type of the files, name of the files etc

#### Admin Module

The Administrator is a main part of an organization that he may organize all the Users and their folders information. This administrator plays the main role in this system, here we are considering he should maintain all Users profile details(address, contact, etc,...),on the user request to modify his/her (user) profile like address, phone number etc. He can also view the entire Users list.

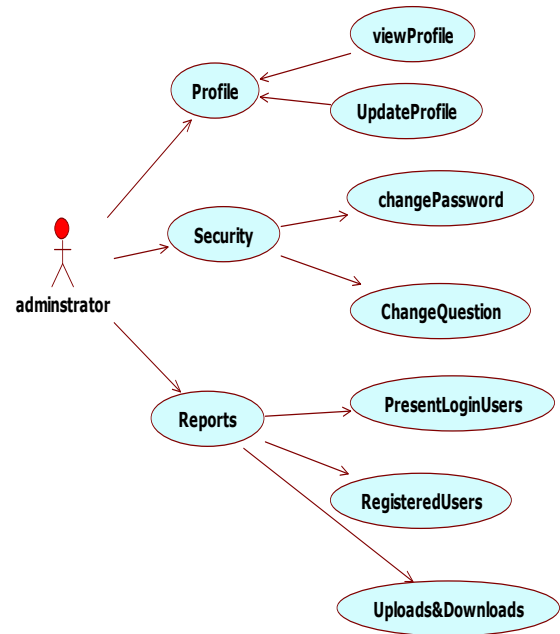
The Administrator will maintain entire Users account history, folders history file history, and the Administrator can generate the

reports like number of Users registered on the date bases reports etc.

**Reports Module:**

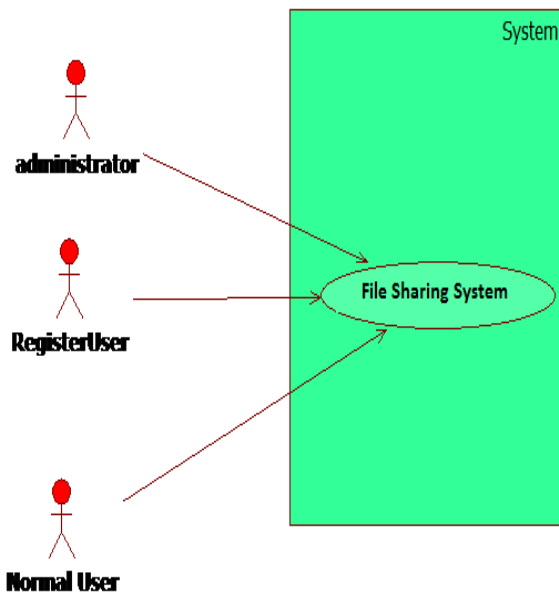
In this Module the User and Administrator can generate the different types of Reports according to their access. The User can generate the Report like how many no of other Users downloaded the Uploaded File and User can view their details, etc..

The Administrator can generate the Report like at present how many users are logged In , Number of Users are using the application and date wise registration Reports, etc..



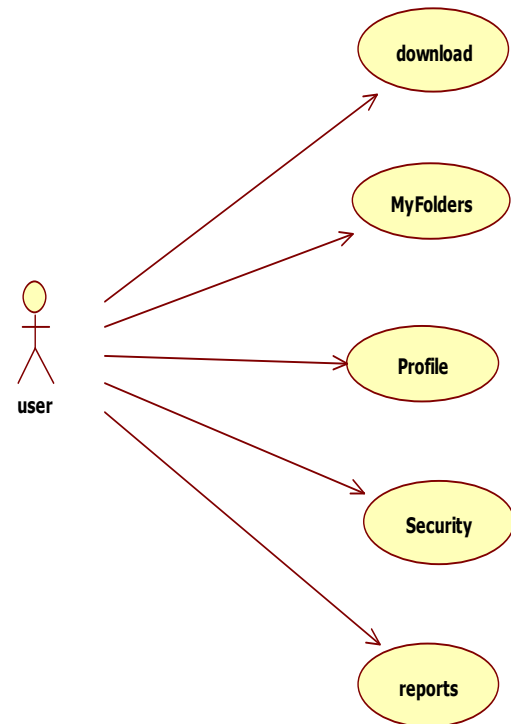
**Use Case Diagram**

**1. System Diagram:**



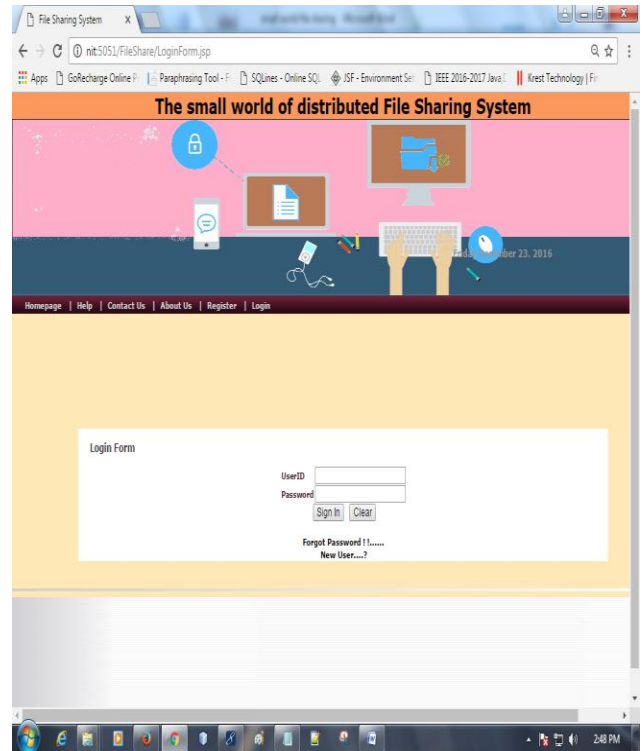
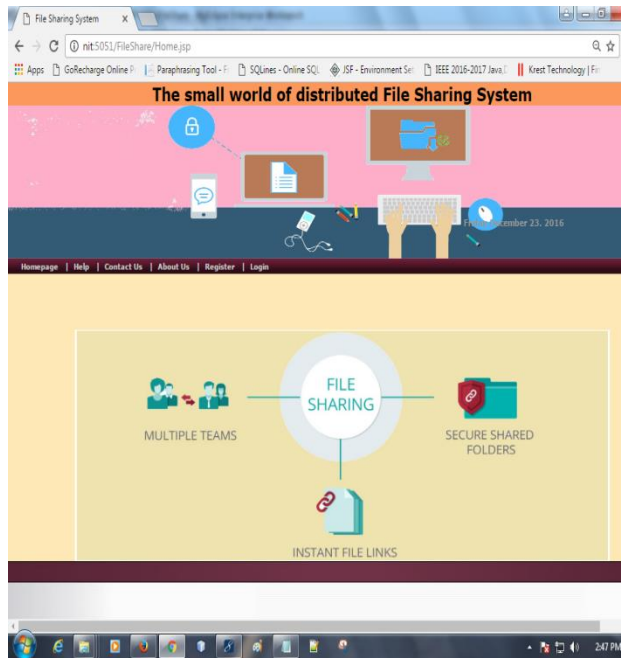
**Administrator:**

**Register User:**

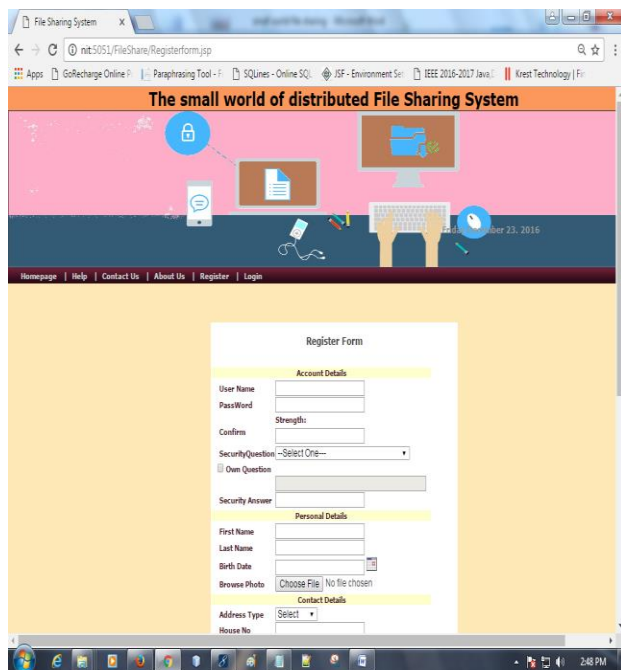


Screen shots:-

Home page

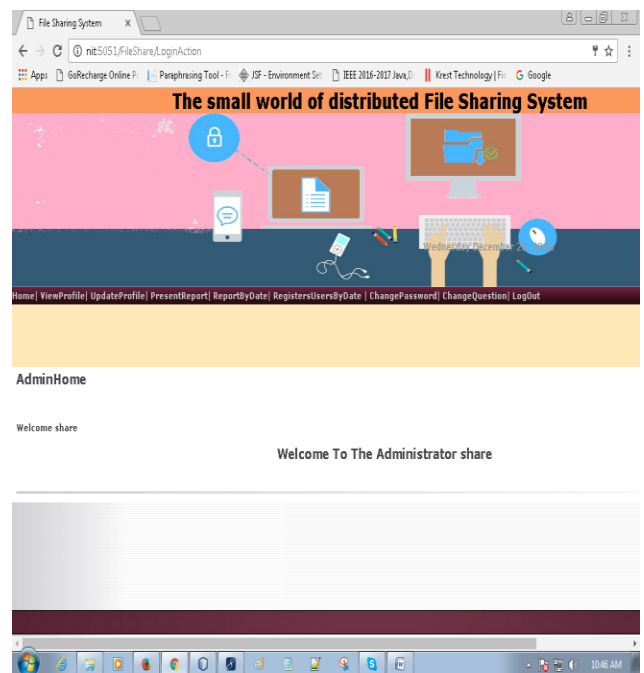


Registration page

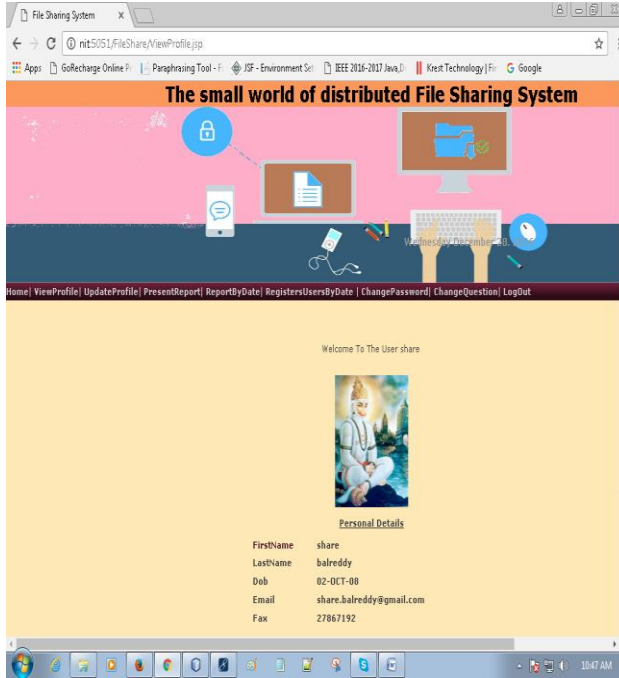


User login form

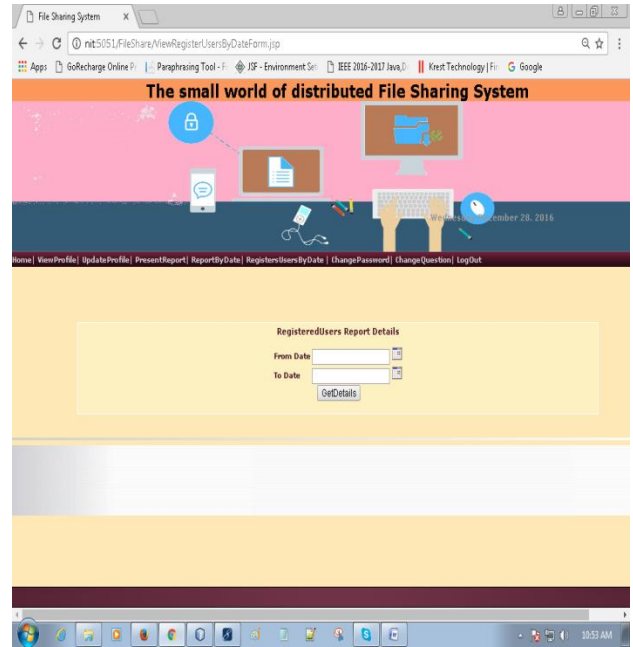
Admin home page



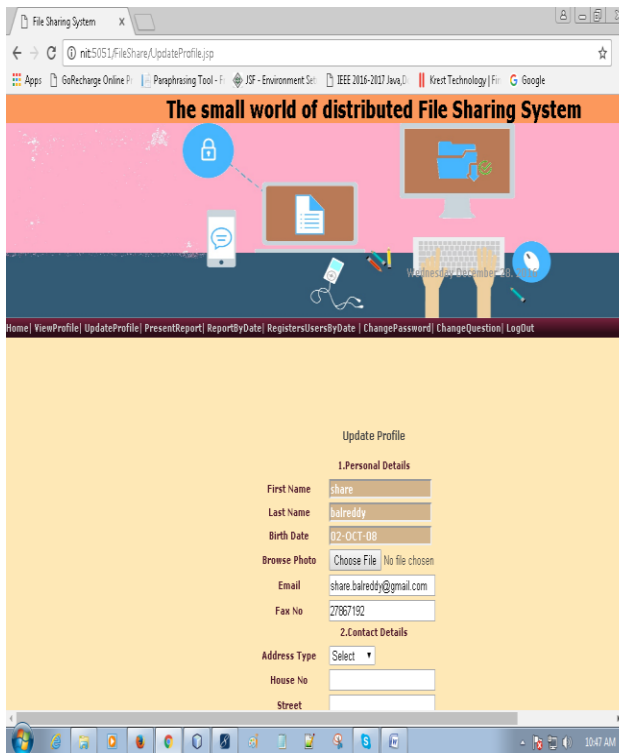
View profile



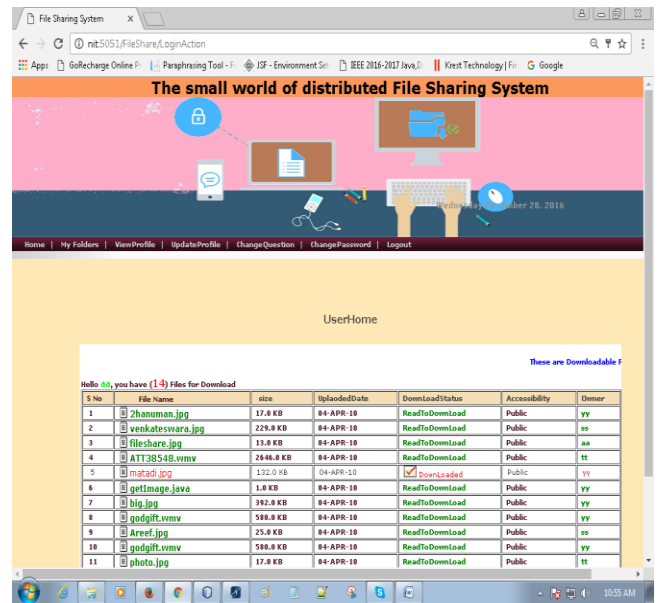
### Reporting form page



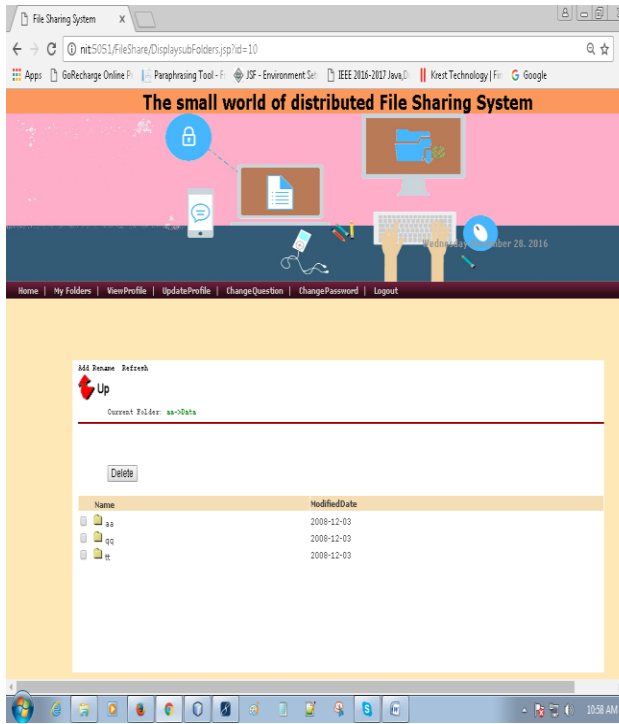
### Update profile



### User home page and view files



### Add response

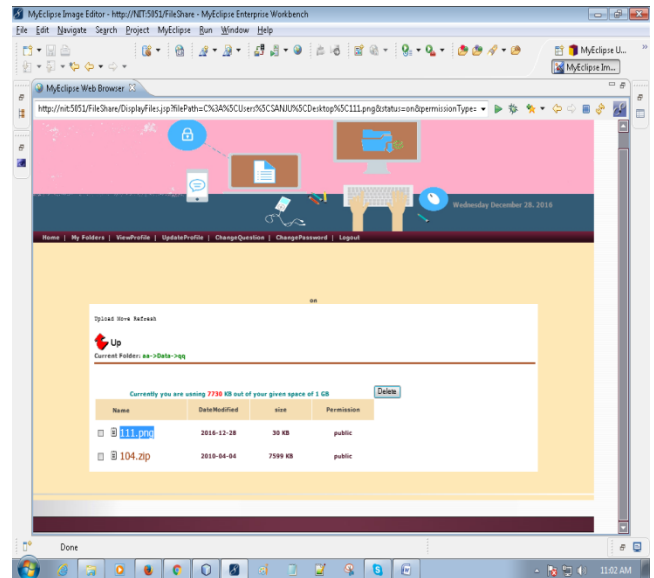
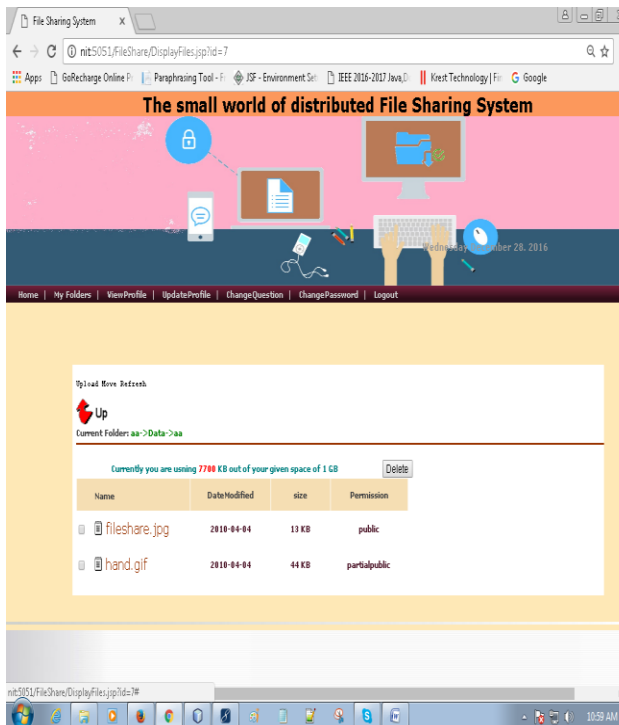


## Upload file

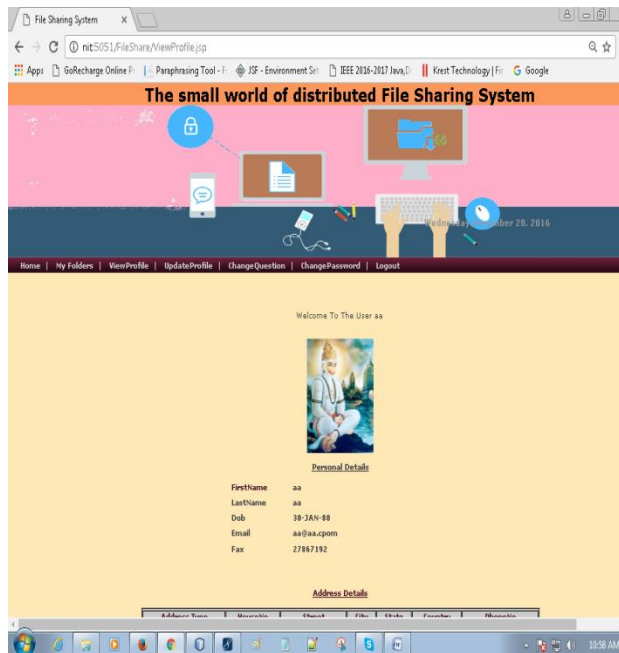


## Manage files

### View modified date



## View changed profile



### III. CONCLUSION

This application for file sharing system is very useful for the users for sharing the all types of files from one user to another user. Here the users can update profile and files details also randomly. This application software has been computed successfully and was also tested successfully by taking “test cases”. It is user friendly, and has required options, which can be utilized by the user to perform the desired operations.

The software is developed using Java as front end and Oracle as back end in Windows environment. The advantages that are achieved by the software are: Optimum utilization of resources, efficient management of records, Simplification of the operations, less processing time and getting required information and Portable and flexible for further enhancement.

### IV. BIBLIOGRAPH

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