DATA SHARING PORTAL

A Report for the Evaluation 3 of Project 2

Submitted by

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SCHOOL OF COMPUTING AND SCIENCE AND ENGINEERING

BONAFIDE CERTIFICATE

Certified that this project report "**DATA SHARING PORTAL"** is the Bonafide work of **"HIMANSHU RAWAT(1713104071)"**who carried out the project work under my supervision**.**

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1. ABSTRACT:

The project is to share the data between the college faculty and the students. The system consists of individual login to faculty and students. The faculty can upload the notifications, e-notes, syllabus, timetable and any other important information through the faculty login.

This project will work on android operating system and will be a great system for sharing the information between the documents. Student Faculty Document Sharing Android Project is based upon python. This project is designed for the sake of reducing efforts between both the students and the faculty.

We prpopsed to build this system on an online system that allows faculty to upload data and student may view and download required document through their android device.

Keywords: Android, Project, Document Sharing, e-notes, Operating System.

2. INTRODUCTION:

This project is an online portal between students and faculty. This innovative system allows college faculty to share important data as well as notifications with engineering students. It consists of a faculty login along with student login. Since college faculty operate through PC and document uploading is simpler through a pc, the faculty login is to be performed through a computer. Faculty may upload documents of subject syllabus, timetable document, notifications, e notes etc through their provided login.

The documents are uploaded by faculty to different corresponding departments. We propose to build this system on an online server that allows faculty to upload data and students may view search and download required documents through their android device. Here students only see and download data of their particular semester. Rest data is hidden. Faculty may access and upload/edit documents to any semester or add any notice as desired.

Features:-

USER LOGIN:- This allows only the registered user to login in order to use this location tracking applications.

1. **DOCUMENT DETAILS**:-This modules stores document in word and pdf format and allows to view particular data.

2. **SERVER MANAGEMENT**:-This server smartly handles data and allows student with an android device to access data as well as faculty to upload document details.

3. **FACULTY UPLOAD**:-The system allows faculty to upload documents to server.

4. **STUDENT DOWNLOAD**:- The system allows student to download and view data through his android phone using an active internet connection.

2.1 Overall Description:

This project is an online portal between students and faculty .This innovation system allows college faculty to share information data as well as notification with engineering students .It consists of a faculty login along with student login. Since college faculty operate through pc and document uploading is simpler through a pc, the faculty login is to be performed through a computer. Faculty may upload documents of subjects syllabus ,time table document , notifications, notes etc. .through their providing login .The documents are uploading by faculty to different corresponding document .We proposed to build this system on an online system that allows faculty to upload data and student may view and download required document through their android device . This application will make the download much easier than before. The Faculty can easily passes the notifications or any other announcements.

2.2 Purpose

The Faculty-Student Document Sharing Application is intended to download the All documents in android App only . With this Android App solution user or student can now easily get the all information on the click of a button. This interface provided is so simple that anyone can also learn to use it. This Document sharing app will also make the students happy because they need not to go and see the notice board on colleges. The students need not to disturbing while faculty busy in some other work. All the documents will be upload by faculty and all the records will be saved so the management of the sharing documents is made easy.
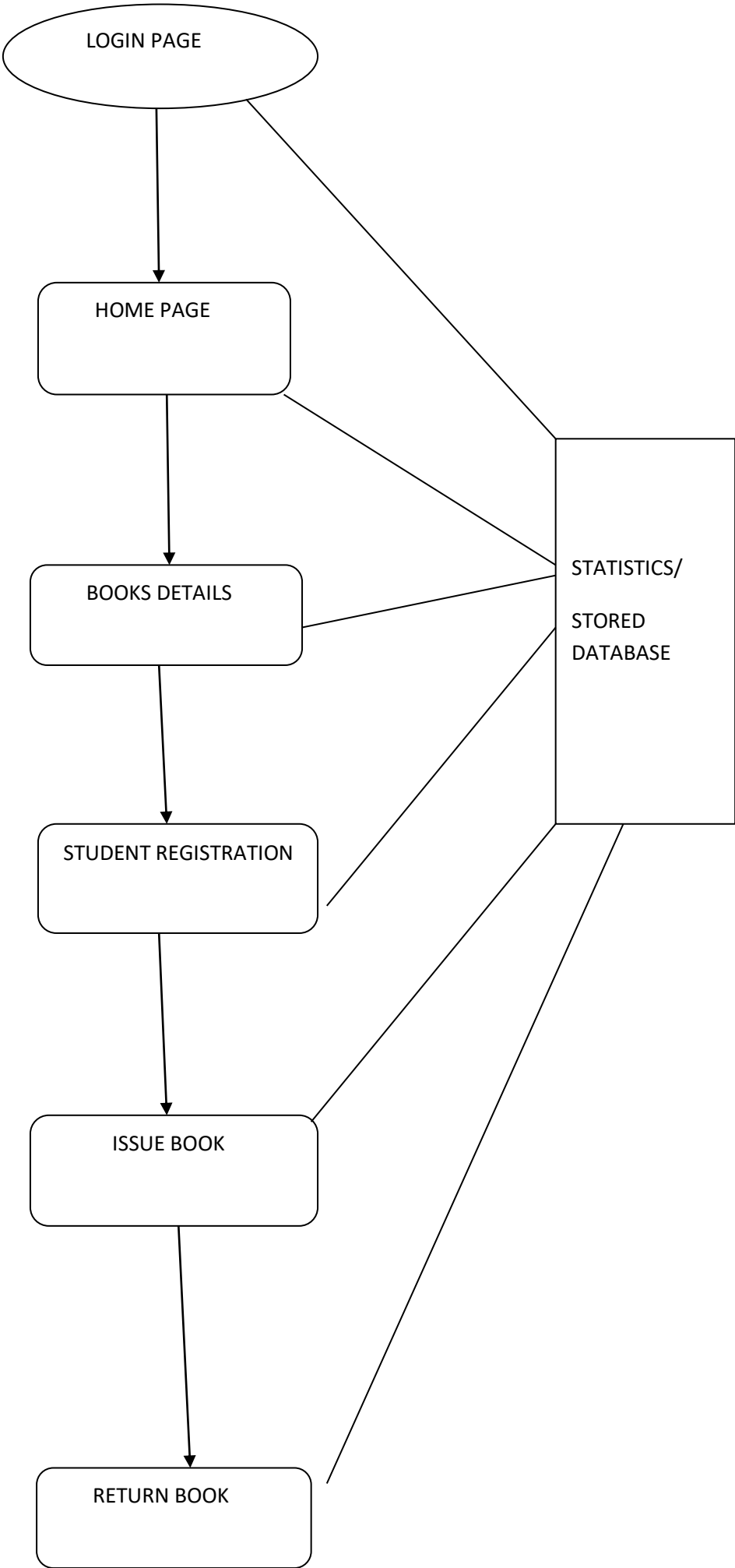
2.3 Motivation and Scope

Motivation for building this project arises from our surrounding where go to schools , colleges , institutes. By the use of Data Sharing System everyone can take the notes and other relevant notes of any lectures .It saves the time to write the notes in copy /paper . If any student is absent in class so he can take notes from that system .It is very useful for the students in the time of exams to study. It is the best way to provide lectures notes to each and every student .

3.Purposed Model:

The server allows the faculty to upload the data and the students can opt to download the required documents through the Android device. The faculty can upload or modify the documents to any semester as desired. The proposed system is worked on the server and all the files and documents are uploaded in the server. The students just need to add their account into the android project and then they can surf each and every detail related to the document very easily. Proposed system saves a lot of time of both the students and faculty members

Advantages :-

➢ This application can be used by all engineering/non engineering colleges

➢ The application can prove very beneficial in to the institutes, classes as the requirement is very high in such places.

➢ This project has a login page which allows only the registered user to login and thereby preventing unauthorized access.
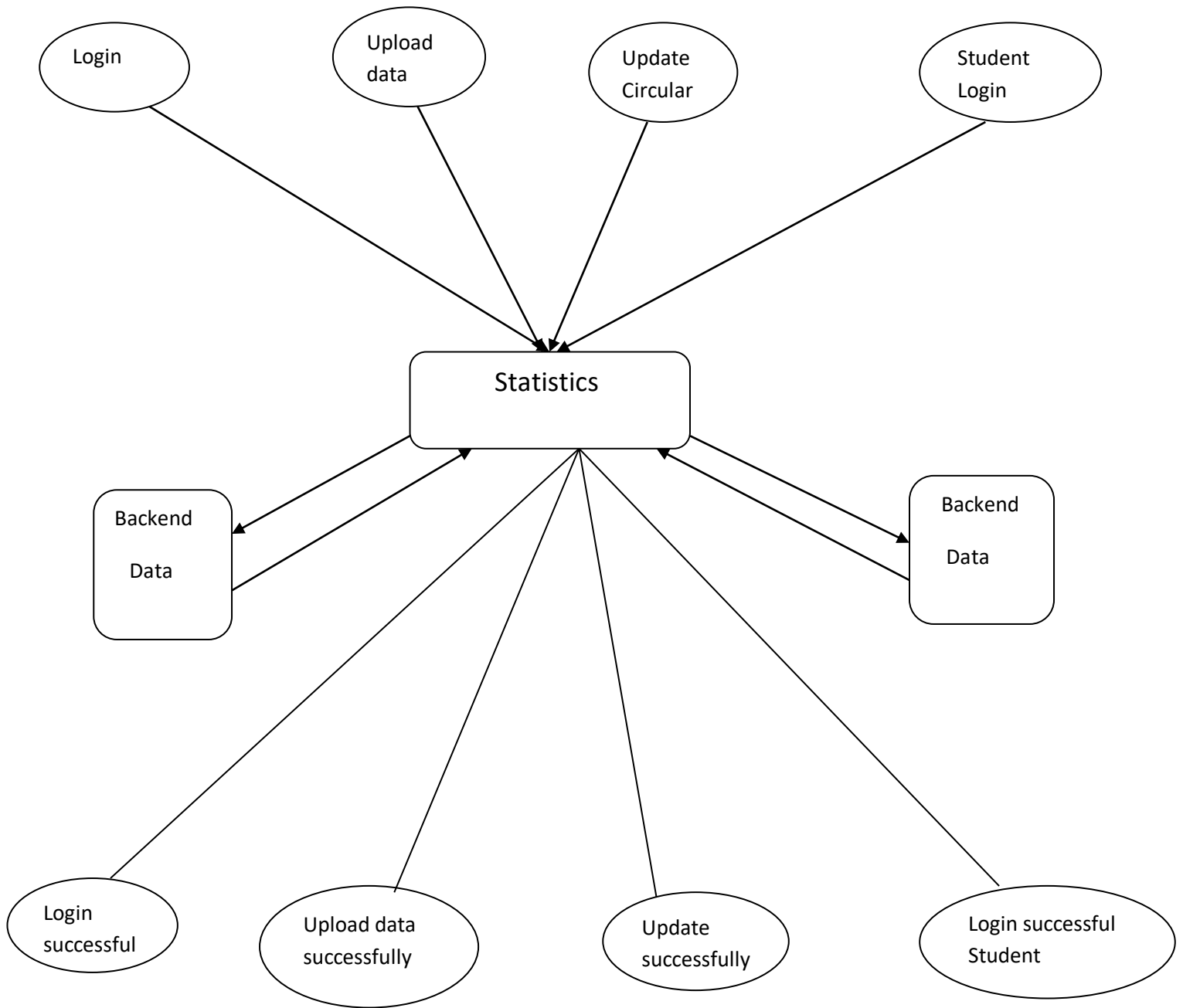
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            │   LOGIN PAGE    │
            └─────────────────┘
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            │   HOME PAGE     │
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            │   ISSUE BOOK    │
            └─────────────────┘
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            │   RETURN BOOK   │
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LOGIN PAGE

HOME PAGE

BOOKS DETAILS

STATISTICS/

STORED DATABASE

STUDENT REGISTRATION

ISSUE BOOK

RETURN BOOK

4.Existing System:

Only registered users can access the system. The user cannot view or add any information in the system when the server is down. The students can view only the data related to the particular semester. The remaining data is hidden to them. Also, at some organization even the above mentioned existing system is not even exist and faculty and students share the information or documents via papers and files only, which may sometimes lead to loss of any documents or important information too.

Disadvantage :-

> ➤ The android mobile user will not be able to insert or view details if the server goes down. Thus there is disadvantage of single point failure

Implementation:

Login

Upload data

Update Circular

Student Login

Statistics

Backend Data

Backend Data

Login successful

Upload data successfully

Update successfully

Login successful Student

4. **System Design**

Student Faculty Document Sharing Android Project involves the following modules

 4.1 **Student Module**:-

 This module is designed for students. In this module, students can get registered themselves via making new accounts and can share their views and documents through this module.

 4.2 Admin / Faculty Module:-

 Admin do take care of all the uploading and De-uploading related techniques through this module. Admin can have the rights to access both the profiles of the faculty members and the students account simultaneously without any need of password or user ID. This module is exclusively works for the faculty members of the organization and faculty can upload important documents in this module which the students can then download very easily. Faculty can upload or share documents using this system to a particular group of students on some particular interest and choice basis.

 4.3 Document Module :-

All the documents which are uploaded can be saved in this module. And the updates will be send to all the students and the faculty member into their mobiles whenever a new document is being uploaded on to the server.
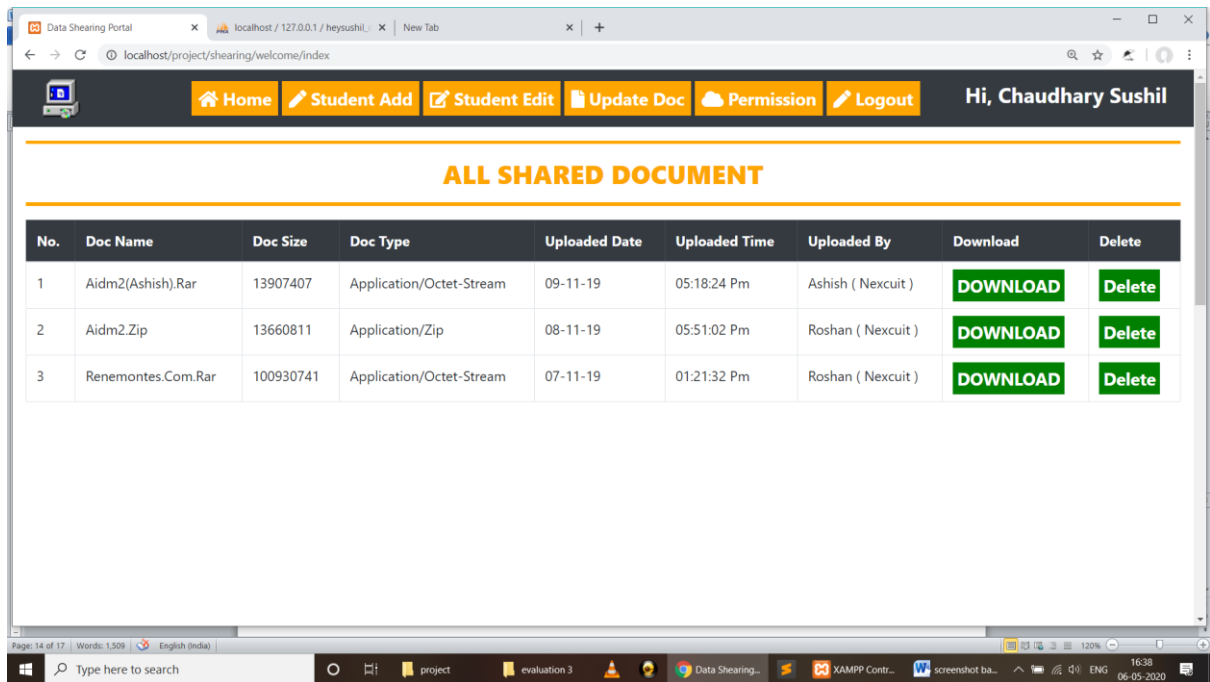
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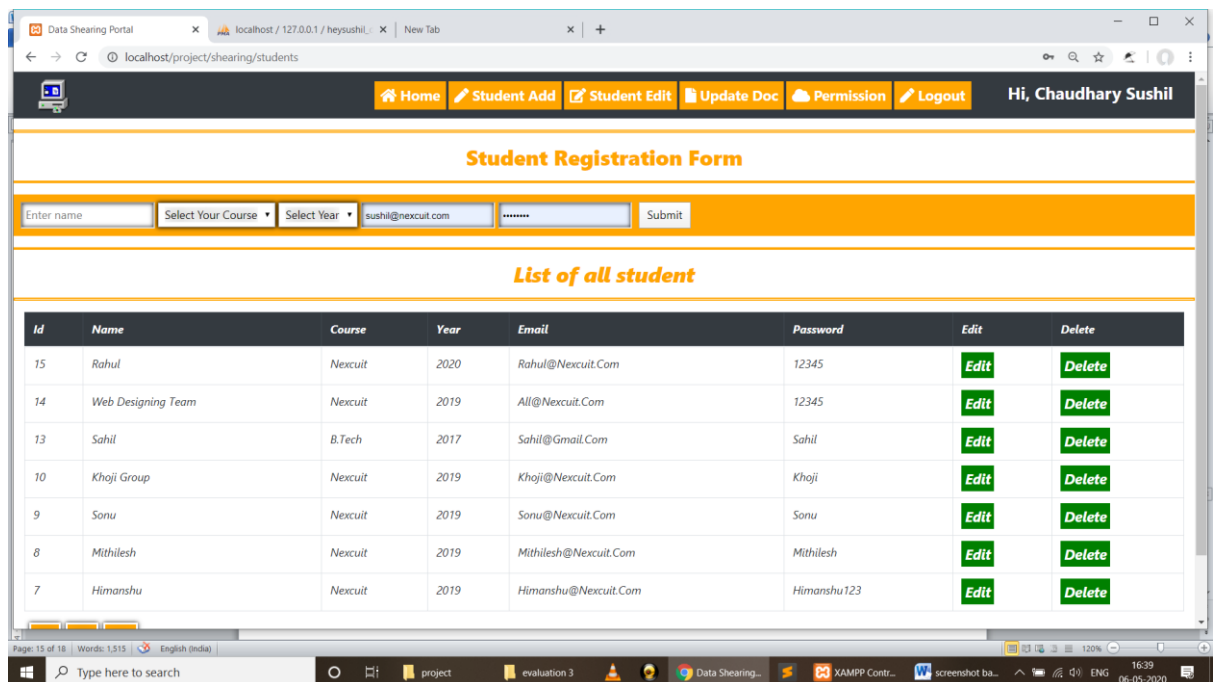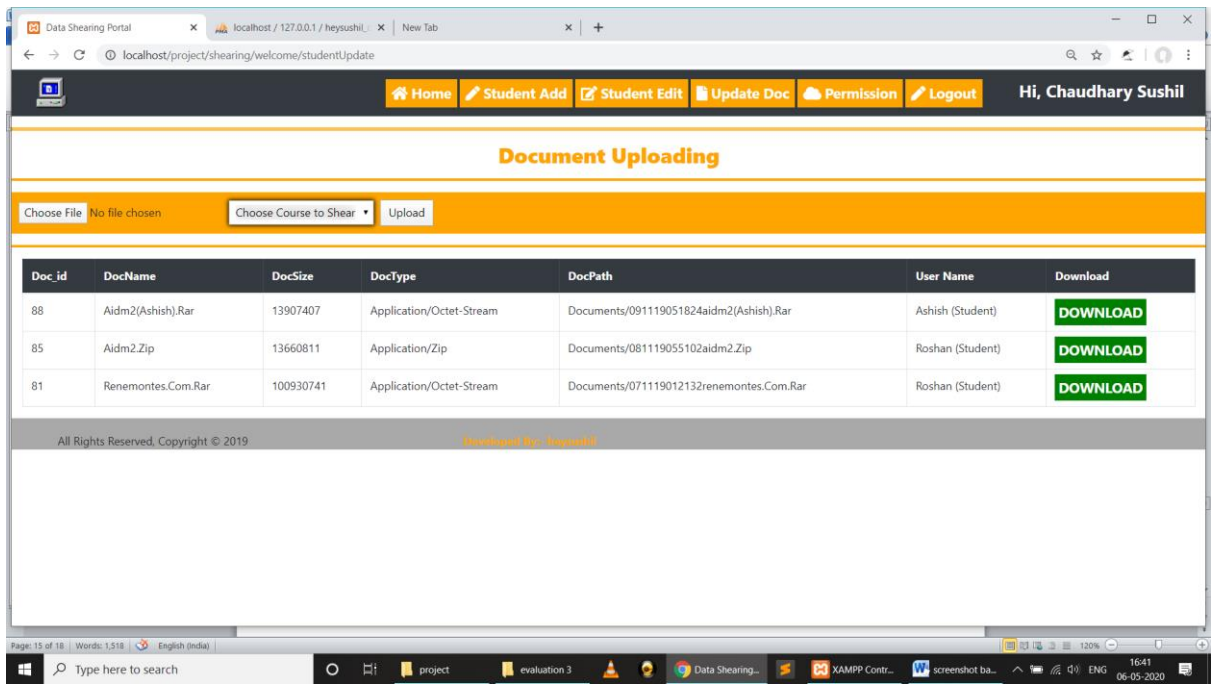I. Login Page:-
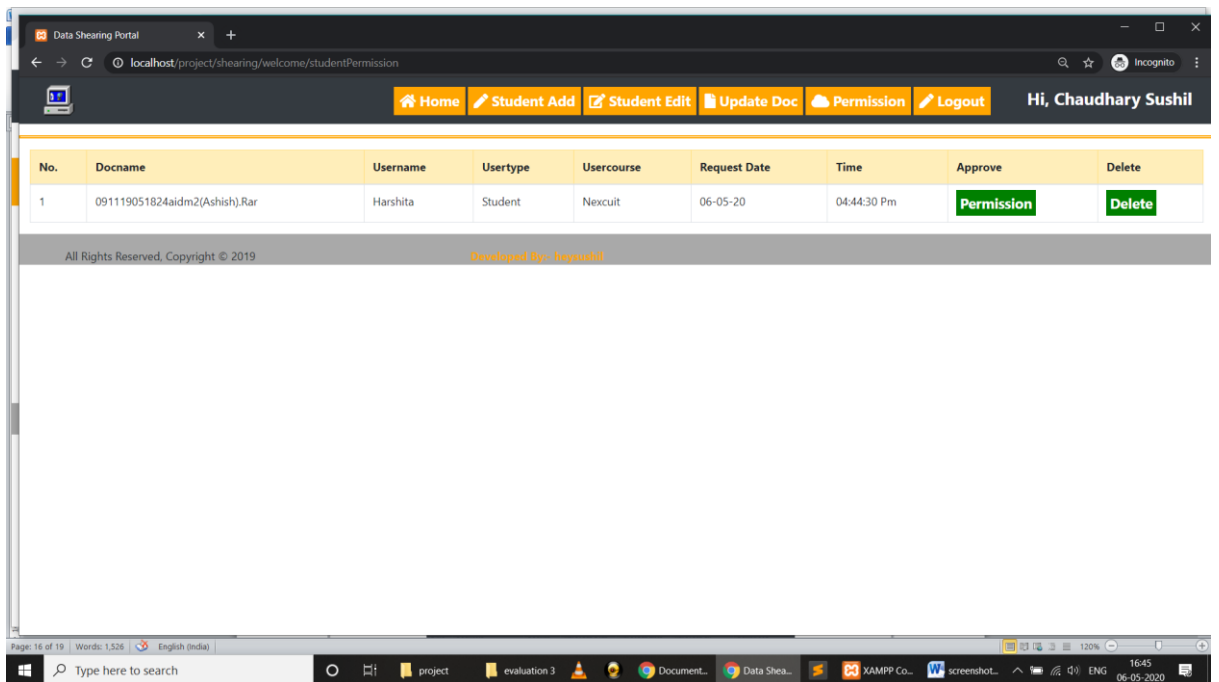
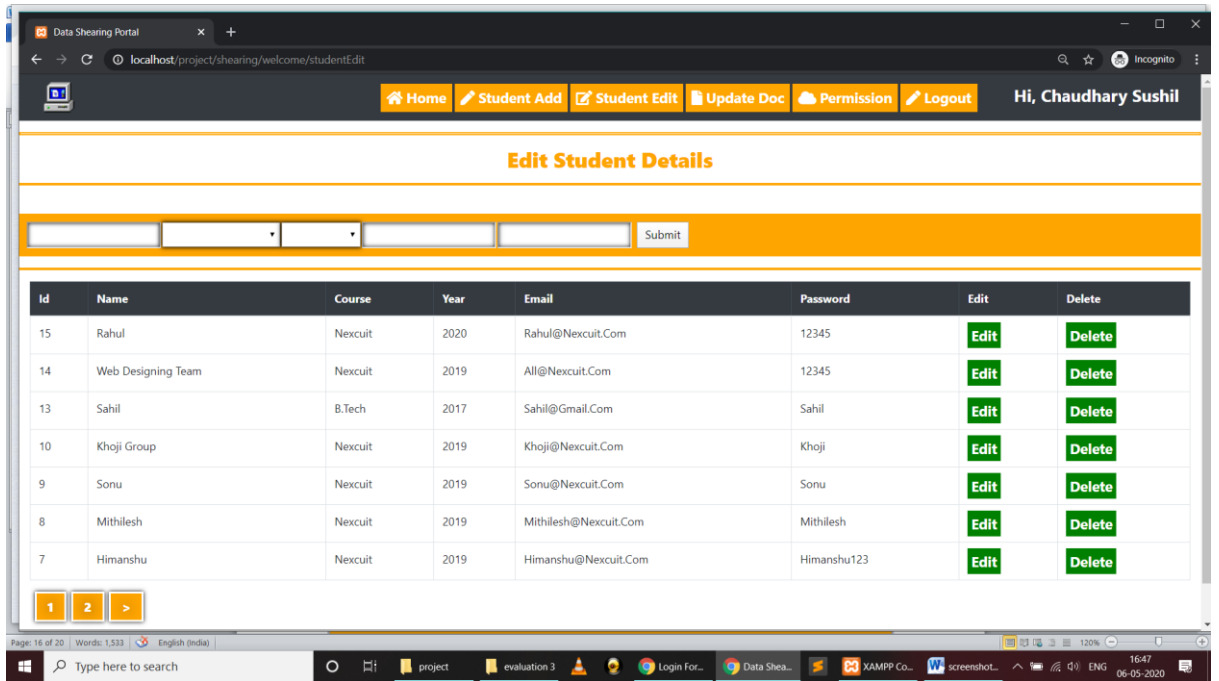For admin and student.
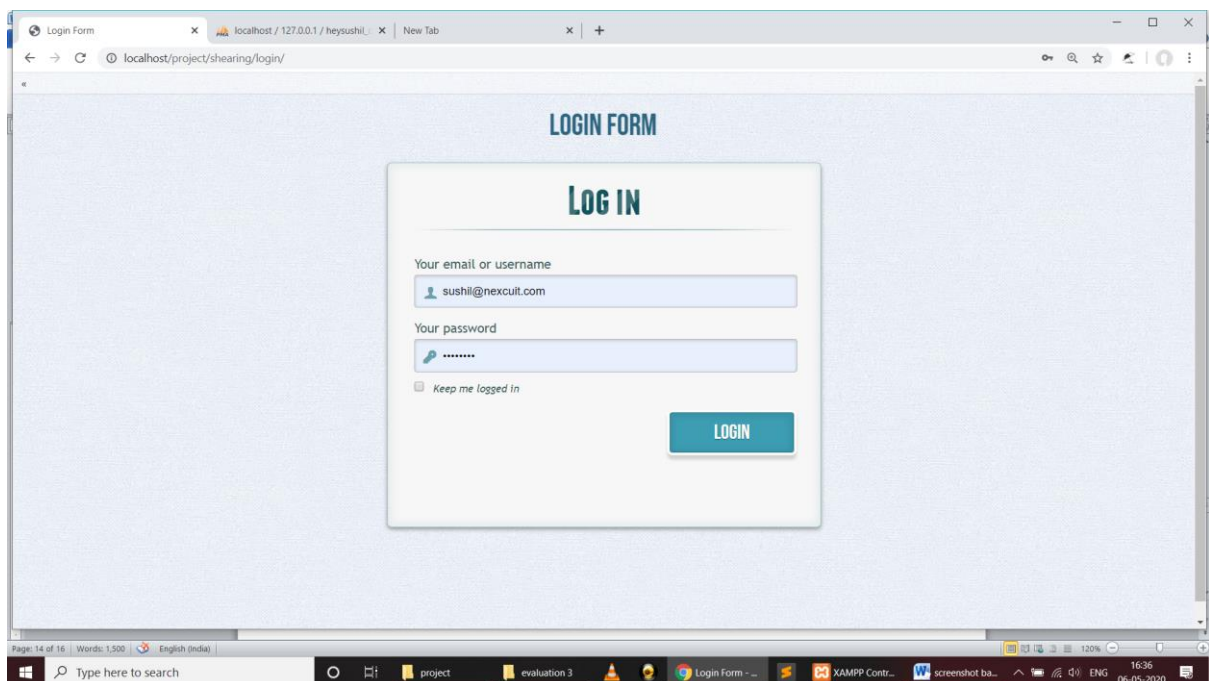
Admin Works:-

i. Admin dashboard:

ii. Add student

iii. Update Document

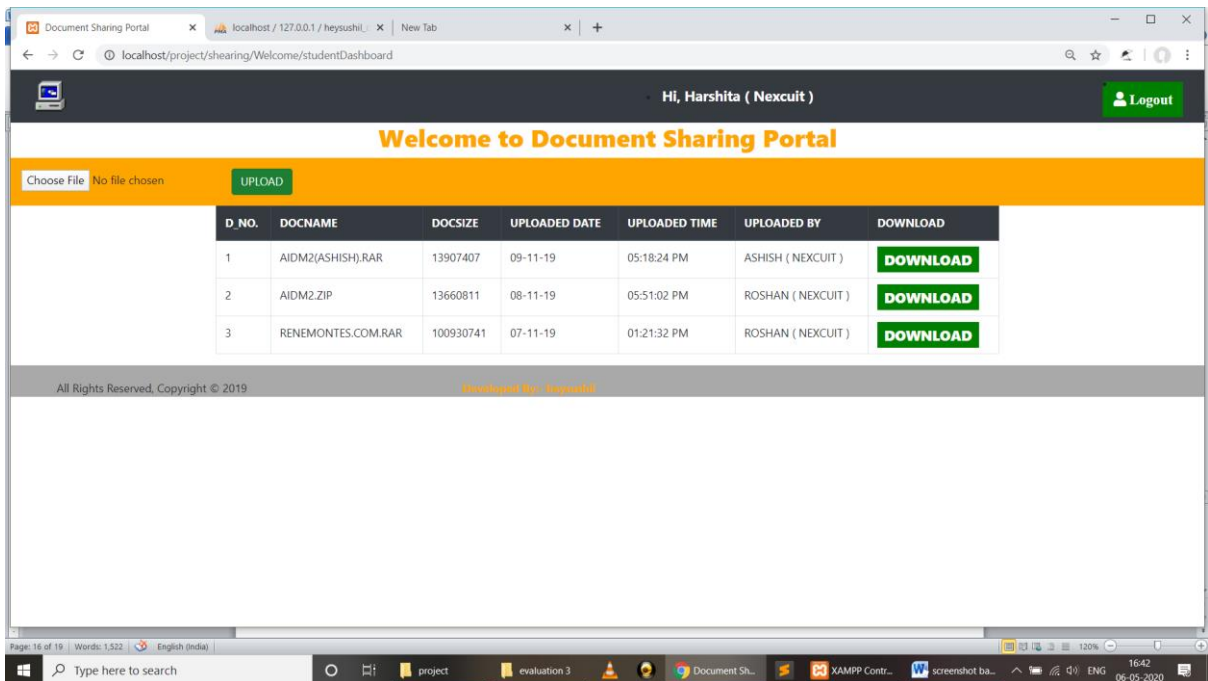iv. Permission from admin to download file

v. Admin make student id

2. Student Dashboard

1. Only download the file

7. Result and Conclusion

Since the Data Sharing Portal is essential for maintaining the details about the students course , study material and easy the conversation between the faculty and the student. Through this no one is unaware of the notes and the study material as well as any of the circulars provided by the faculty. It takes less time in compare of writing notes during the lectures and the focus is on theory .As this product is removing that such type of complexity.

9. References

- ❖ Python- https://www.w3schools.com/python/

- ❖ Wiki - https://www.wikipedia.org/

- ❖ Mysirg - https://premium.mysirg.com/

- ❖ Tutorial Point -https://www.tutorialspoint.com/

- ❖ W3 school - https://www.w3schools.com/python/

- ❖ https://www.youtube.com/channel/UCrkQMtWNtuq-1j0q8c2RVeQ

- ❖ https://www.onlinegdb.com/online_python_compiler