File Sharing System

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Submitted To:

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Introduction

- The file sharing system is a an application by which we can share our files like documents , videos , musics , programs (source-codes) etc.
- The basic concept behind file sharing system is to avoid redundant mail sending and easy to access mode.
- File sharing system helps Business community a lot.

Architecture Of File sharing system

- File sharing system generally fills the bridge between file sender and receivers.

Mechanism

- Uploader uploads file and the file is downloaded by general users.
- Question is how I will get a file that one of my colleague has uploaded for we mates ???
- Actually there are two ways of doing so one is if your colleague will share the link to you in a private message or he/she will give you access to his account.
- But this is old way of file sharing system.

File Sharing System WEB & PC

- File sharing system can be either your web-based solution or a PC based solution.
- The Peer-to-Peer file sharing concept was first file sharing solution.
- In peer-to-peer file sharing system one can get access to others' PC to download desired files in a network.
- The advanced one is the web solution format.
- You can access and download files shared by different people from remote locations.

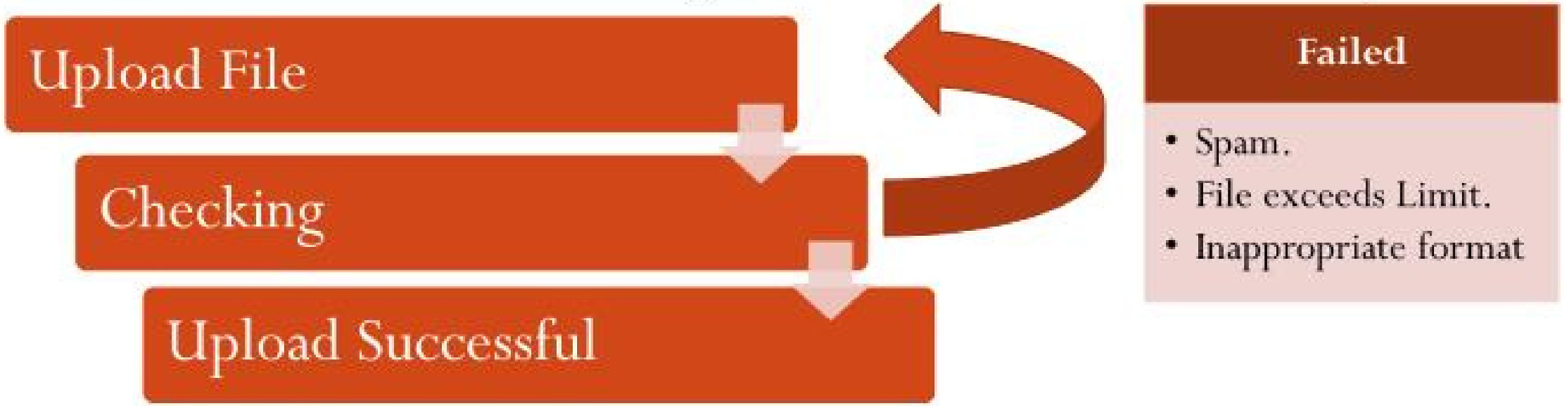
Technology For Development.

- To develop File sharing system as web solution. You need to know web based hypertext front-end languages like (HTML).
- For better design and dynamic behavior (CSS, JAVASCRIPT, JQUERY, AJAX)
- A database server like Mysql , Sql , Oracle etc.
- Back-end Web-development technologies like PHP, ASPX,

- A server to run your application like IIS, Apache etc.
- Any editor like notepad, notepad++, Dreamweaver, Visual studio etc for code writing.

Users' Paradigm / Functionalities.

- User will upload a file (image,video,documents,sourcecode) general format.
- User can remove his/her uploaded file at any time.
- That will be compressed automatically.
- Each user should be assigned with some limited memory.



An Efficient Search Engine

- A well coded search engine should be there which will drag the files from database on each search.
- The search engine should be able to give close relevant results if any absolute results are not in database for any search.
- Use of Data Mining concepts would be a better way to achieve it.

Platform Independent Solution

- The application must be platform independent.
- It must be working properly in different devices(Mobile Phones, Desktops, Tablets etc.)
- The cloud computing environment will be a great advancement for this kind of applications.

Advanced Options

- Different users' account can be linked.
- If one user is sharing any file it's linked accounts will be notified.
- Privacy and Security are two most concerned aspects of Advanced File Sharing System.

Security in File Sharing System.

- A file sharing system must be aware of spams and inappropriate files that violets the cyber law if it is in internet.
- There should be different types of privacy classes for (Publicly shared , For linked Users only , For some specific linked users only , Completely Private).
- Another kind of privacy policy is being adopted by most advanced file sharing systems like Media Fire is password protection.
- If a file is protected with password then it will be encrypted with password by the uploader the users need to provide the same password to access the certain file.

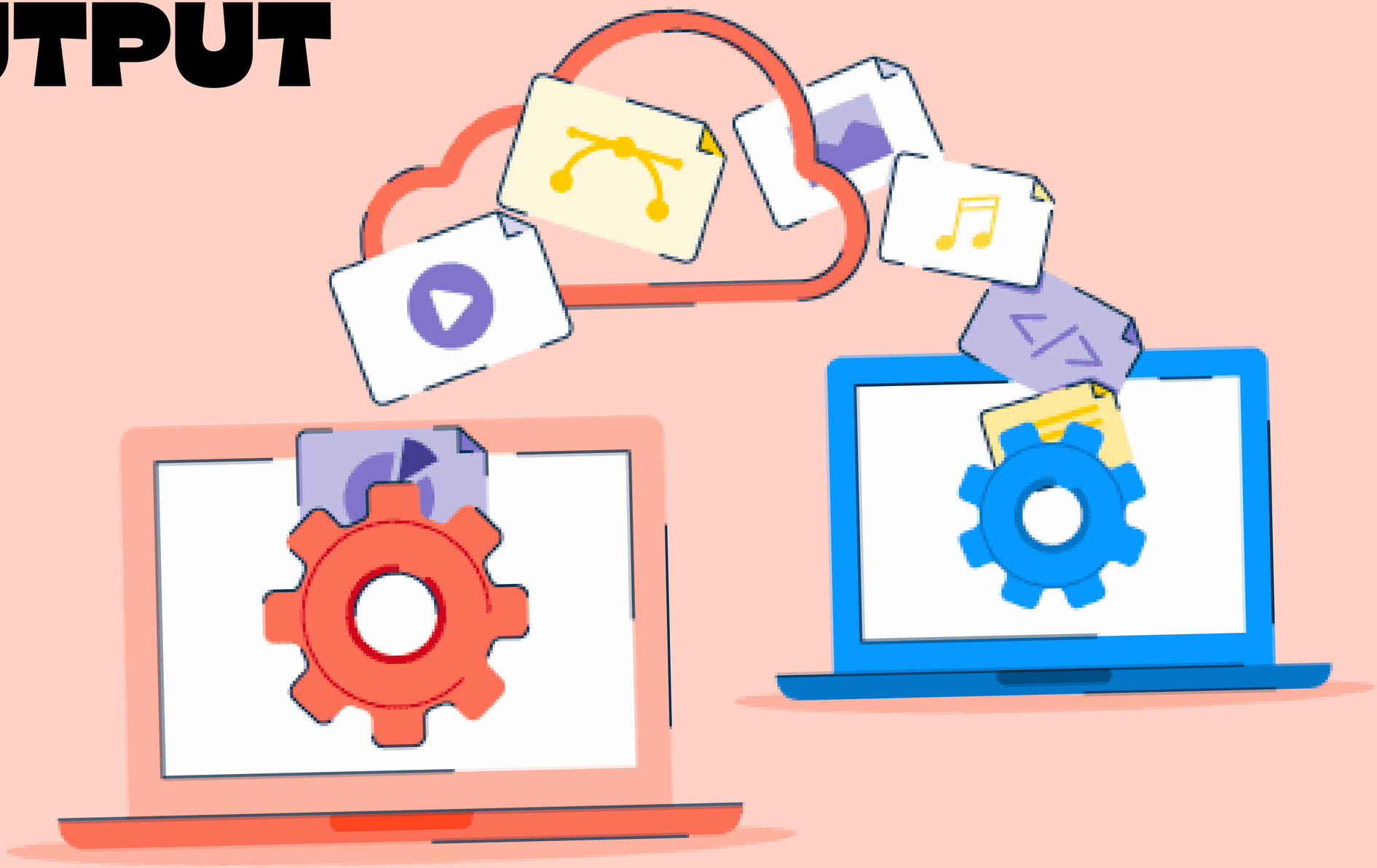
Advantages

- A file sharing system only require a single time sharing and you need to only share the link to whom you want to give that data.
- Free from thousand times attaching or forwarding emails.
- Again emailing big files are not allowed by providers. Here we can share huge amount of data.
- Data sharing System is place from where Google drags a lot of information. A good SEO works a lot.
- You can get a file that a person has shared from a remote location within seconds.

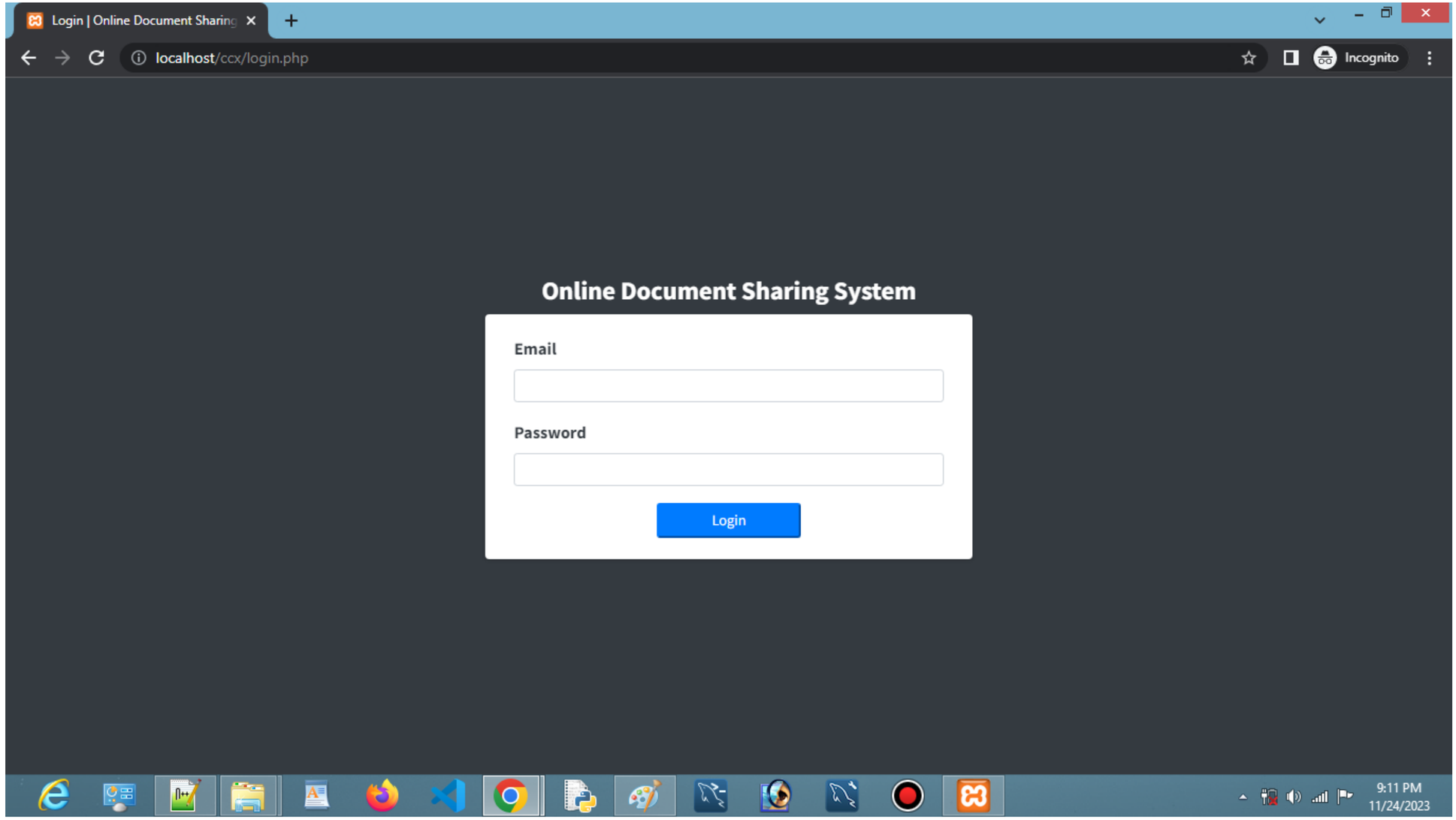
Disadvantages.

- From past two years ,A lot of sharing of music files through File Sharing System has decreased the sale of Music Companies.
- Sharing spam ,Viruses with Fake identity has threatened the cyber security and internet world.

OUTPUT



Login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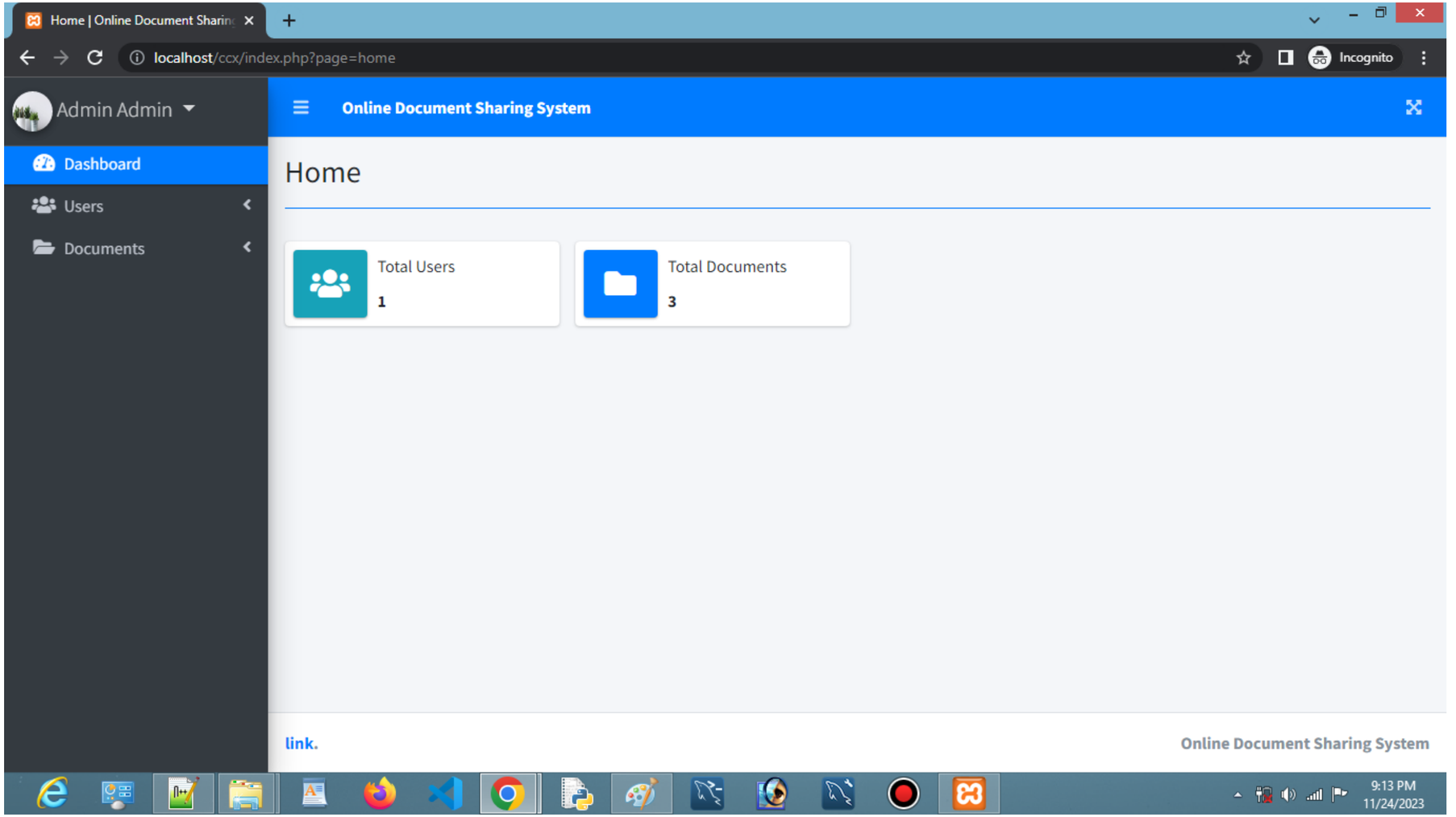
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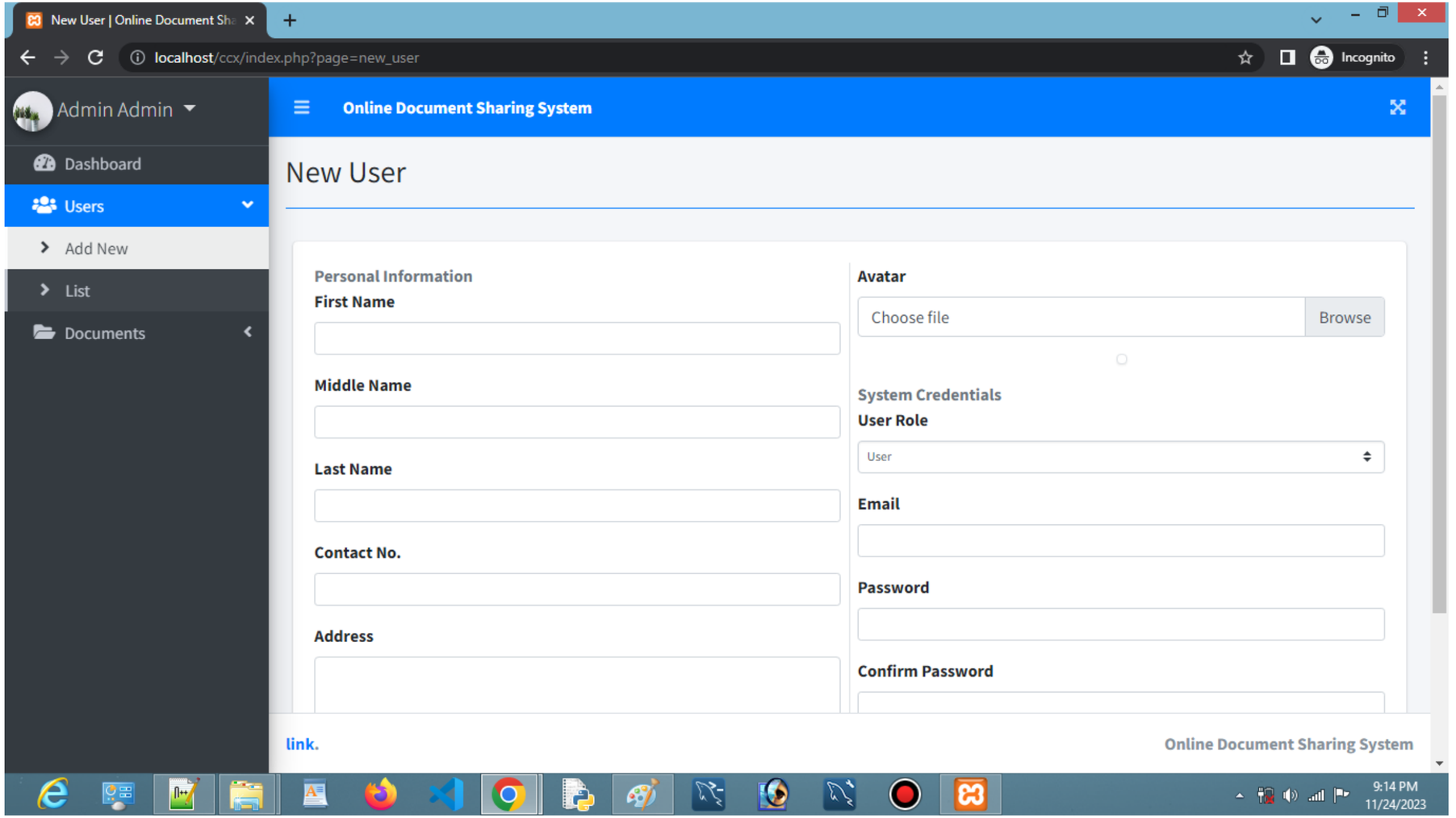
New User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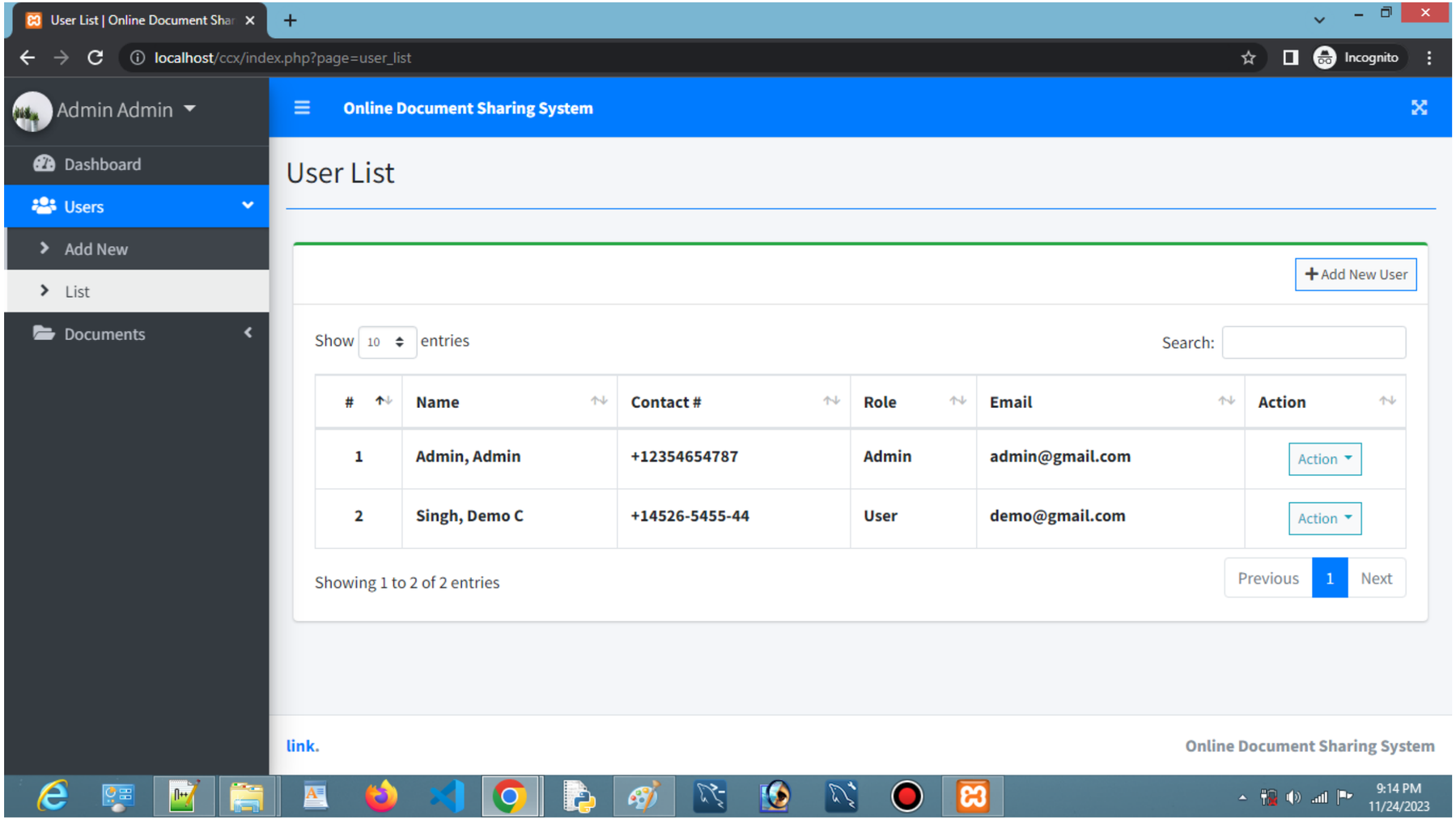
USER LIST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2 Singh, Demo C +14526-5455-44 User demo@gmail.com Action
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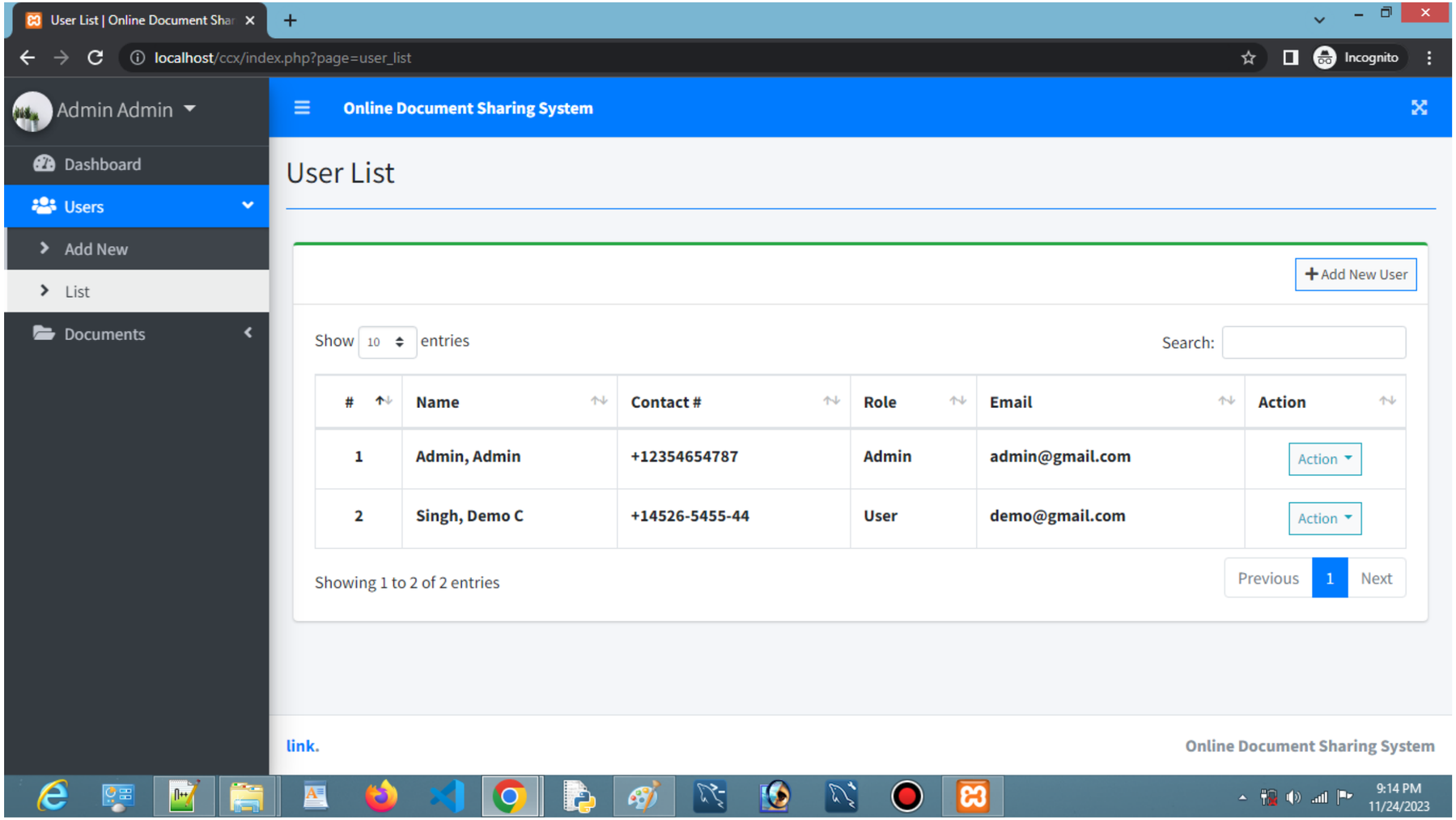
USER LIST


User List | Online Document Shar
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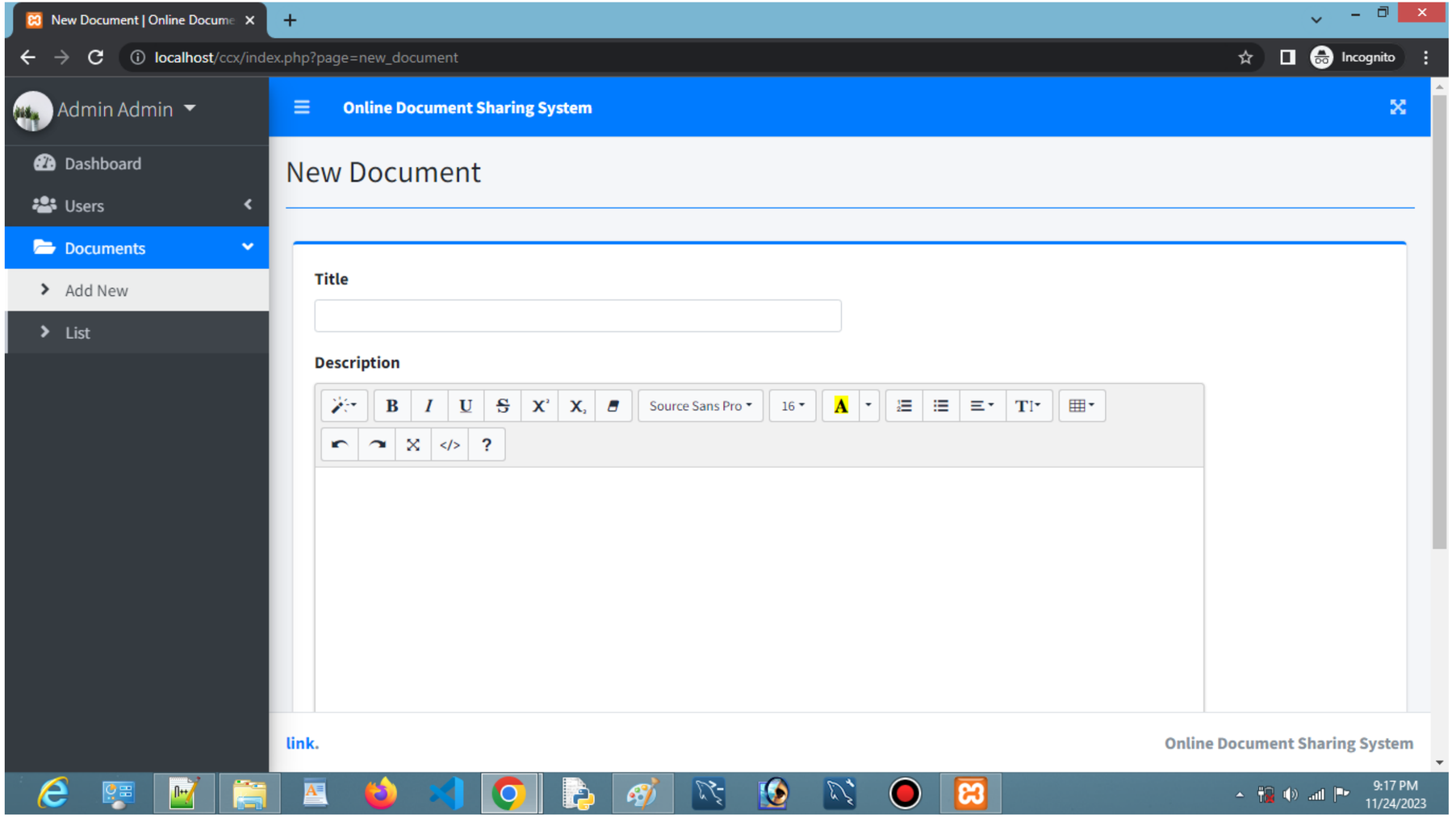
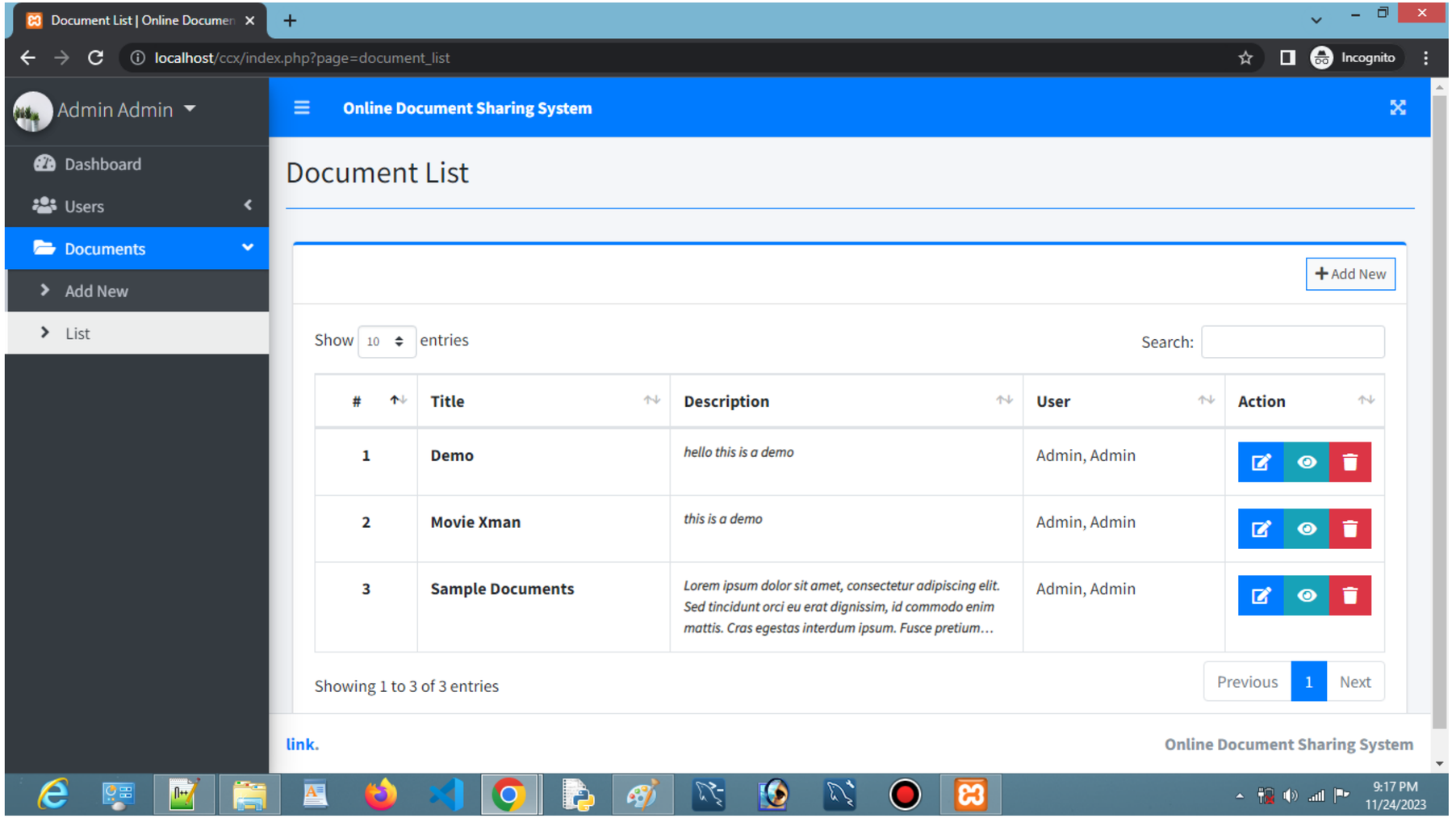
NEW DOCUMENT



DOCUMENT LIST



THANK YOU!