

**ST. VINCENT PALLOTTI COLLEGE OF**  
**ENGINEERING AND TECHNOLOGY**  
**Session 2020-21**

**Subject: TCP/IP & Internet Practical**  
**Practical- X**

**Year: 3<sup>RD</sup> SEM: 5<sup>TH</sup>**

**Faculty Mentors:**

Prof. Reema Roychaudhary

Prof. Sohail Ansari

- **Name of the Network Activity:**

To build a file upload mechanism using client server architecture

- **Group Members:**

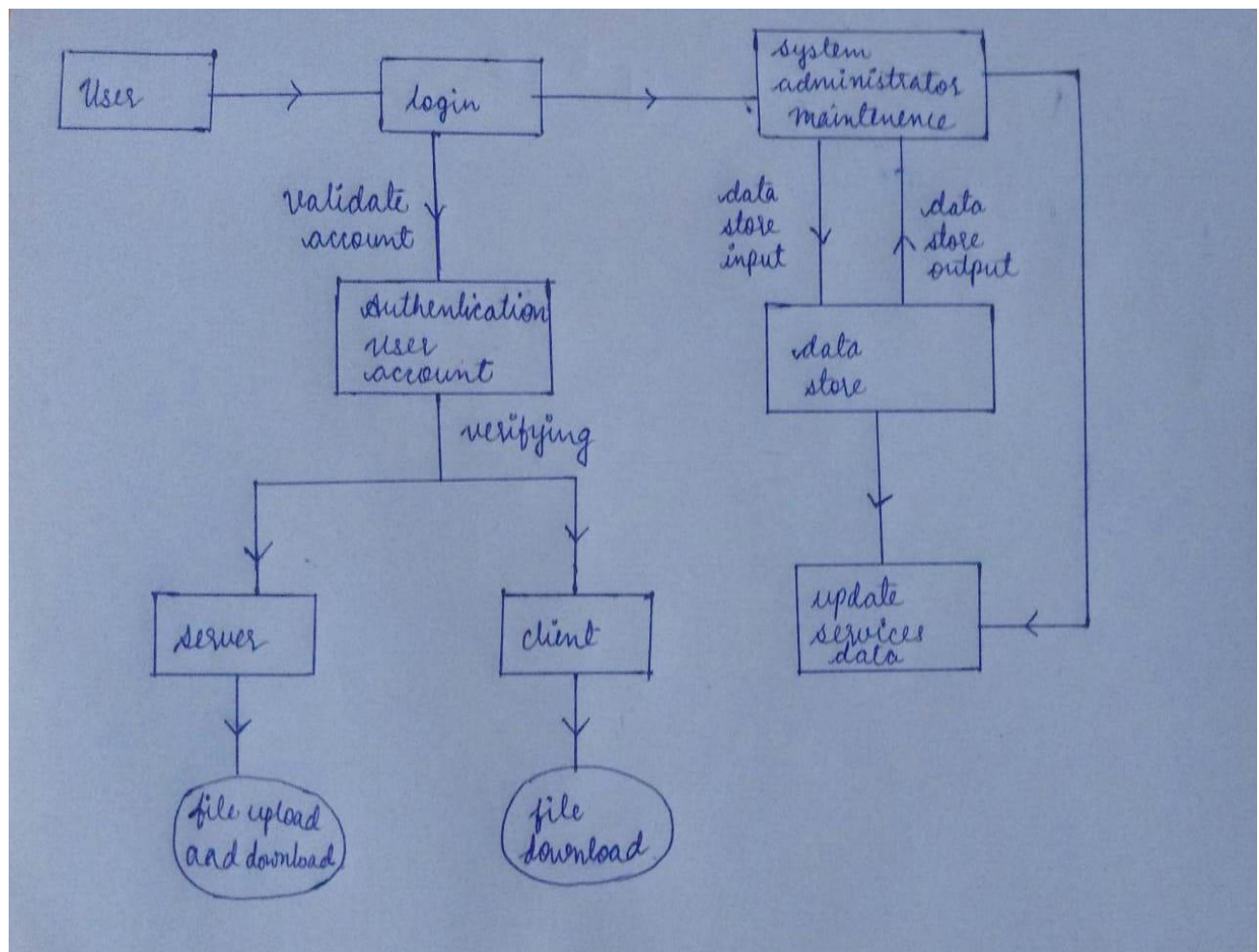
- Aswathymaria Felix (03)
- Karthika Kurup (06)
- Maryann Anil (07)
- Pranita Turale (11)
- Pranay Gharde (46)

- **Abstract:**

In this project we have authenticated our website for both the client as well as the server.

Secondly, both the client and server can download the documents but only the server can upload the documents'

- **Data Flow Diagram:**



- **Algorithm:**

- 1) Using HTML, CSS, php and Xampp we have designed a webpage named **SPYDER**.
- 2) In our website, first we have to login to the upload and download page by providing username and password.
- 3) Once we login, we can see an uploaded gif and on clicking the gif we can see that two buttons appear on the left of gif file.

- 4) The two buttons are “**choose file**” and “**upload file**”. On clicking the choose file button there appears a tab from where we can choose any pdf file less than 2 MB.
- 5) After selecting the required pdf file click on the upload file button. When the file gets uploaded it is displayed at the bottom of the page.
- 6) When we hover on the files displayed in the bottom of the page a download button appears on the file. On clicking the download button, the file gets downloaded.

### **Outcome:**

- **HTTP-Hyper Text Transfer Protocol** is a protocol used mostly for browsing the internet (IE, Firefox, etc.).
- It rides on top of **TCP-Transfer Control Protocol** which provides a reliable link between two computers (if packet gets lost - it is re-transmitted).
- **TCP** itself rides on top of IP, which provides unified addressing to communicate between computers.

We have successfully created a webpage, where to access the page you need to login. The Server can upload and download the documents whereas the Client can only download the documents.



**St. Vincent Pallotti**  
College of Engineering & Technology



### **Faculty Mentors:**

Prof. Reema Roychaudhary  
Prof. Sohail Ansari



### **Problem Statement:**

To build a file upload mechanism using client server architecture



### **Features:**

- Authentication to access page
- Server can upload the files and client can download them
- File protection
- User-friendly



### **Group Members:**

- Aswathymaria Felix (03)
- Karthika Kurup (06)
- Maryann Anil (07)
- Pranita Turale (11)
- Pranay Gharde (46)



### **Requirements:**

- Machine with any OS
- Any Internet browsing app
- Good internet connection
- Good storage space
- Compatible software to view files



# SPYDER

SPYDER

Login

Username

John


Password

Doe

Login



SPYDER

  
UPLOAD YOUR FILE HERE



SPYDER

UPLOADING

Download

Confessions of a Shopaholic.pdf

Tell Me Your Dreams Sidney Sheldon.pdf

Verity\_- Colleen Hoover.pdf



File Upload

This PC > Local Disk (F:) > Books

Organize

New folder

Name	Date modified	Type	Size
The Shiva Trilogy	27-09-2020 17:11	File folder	
Five Point Someone (Chetan Bhagat)	27-09-2020 12:47	Adobe Acrobat D...	1,034
Galaxy M30s	27-09-2020 12:47	Adobe Acrobat D...	5,077
Sherlock Holmes	27-09-2020 13:48	Adobe Acrobat D...	7,095
The Mitrokhin Archives	27-09-2020 17:06	Adobe Acrobat D...	

File name: Five Point Someone (Chetan Bhagat) All Files

Open Cancel

SPYDER

UPLOADING

Download

Confessions of a Shopaholic.pdf

Tell Me Your Dreams Sidney Sheldon.pdf

Verity\_- Colleen Hoover.pdf