

A project report on

**BLOCKING MALICIOUS SCRIPT FOR WEB SECURE
CONTENT**

Submitted in partial fulfillment of the
requirement for the award of the degree

MASTER OF COMPUTER APPLICATIONS
Of



Visvesvaraya Technological University
Belgaum, Karnataka

By

LIKHITH A S
1CY18MCA55



CMR INSTITUTE OF TECHNOLOGY
132, IT Park Road, Kundalahalli, Bangalore-560037
2019-2020

A project report on

**BLOCKING MALICIOUS SCRIPT FOR WEB SECURE
CONTENT**

Submitted in partial fulfillment of the
requirement for the award of the degree

MASTER OF COMPUTER APPLICATIONS
Of



Visvesvaraya Technological University
Belgaum, Karnataka

By

LIKHITH A S
1CY18MCA55



CMR INSTITUTE OF TECHNOLOGY
132, IT Park Road, Kundalahalli, Bangalore-560037
2019-2020

A project report on

**BLOCKING MALICIOUS SCRIPT FOR WEB SECURE
CONTENT**

Submitted in partial fulfillment of the
requirement for the award of the degree

MASTER OF COMPUTER APPLICATIONS

of

Visvesvaraya Technological University
Belgaum, Karnataka

By

**LIKHITH A S
1CY18MCA55**

Under the guidance of

Internal Guide

Ms. Moumita Roy

Assistant Professor,
MCA Department,
CMR Institute of Technology,
Bangalore.

External Guide

Ms. Keerthana S

Project Manager,
Techciti Software Consulting Pvt.Ltd,
Bangalore.



CMR INSTITUTE OF TECHNOLOGY

132, IT Park Road, Kundalahalli, Bangalore-560037

2019-2020

CMR INSTITUTE OF TECHNOLOGY
Department of Master of Computer Applications
Bangalore - 560037



CERTIFICATE

This is to certify that the project work entitled

**Blocking Malicious Script For Web Secure
Content**

*Submitted in partial fulfillment of the requirement
for the award of the degree of
Master of Computer Applications of the
Visvesvaraya Technological University, Belgaum, Karnataka
is a result of the bonafide work carried out by*

LIKHITH A S
1CY18MCA55

during the academic year 2019-2020.

Signature of the Guide
Ms. Moumita Roy
Assistant Professor, MCA

Signature of the HOD
Ms.Gomathi.T
HOD, MCA

Signature of the Principal
Dr. Sanjay Jain
PRINCIPAL, CMRIT

External Viva

Name of the Examiners

Signature with date

- 1.
- 2.



TechCiti Software Consulting Private Limited.

CIN: U72900KA2018PTC117376

D-U-N-S No. : 86 14 54180

No. 22 23 24 25/101, BNR Complex, J.P. Nagar, Bengaluru, Karnataka 560078.

Landline: 080 6841 1700 **Email:** info@techcitisoftware.in **Website:**
www.techcitisoftware.in

Ref.No.TTPL/2019-2020/HRD/1612

Date: 10th June, 2020

TO WHOM SO EVER IT MAY CONCERN

We would like to inform you that Mr. **Likhith A S** (1CY18MCA55) has successfully completed his project with our company, he has been working on the project title "**Blocking Malicious Script for Web Secure Content**" from 10.01.2020 to 02.06.2020 as "Software Developer – Intern".

We have found him to be a self –starter who is motivated, duty-bound and hardworking. He has worked sincerely on his assignments and his performance is at par excellence.

We wish him all the best for his future endeavors.

Sincerely,



Manager

Human Resources Department

TechCiti Software Consulting Private Limited.

Registered office: No. 22 23 24 25/101, BNR Complex, J.P. Nagar 7th Phase,
Bengaluru, Karnataka 560078.

Landline: 080 2698 1300

Email: info@techcitisoftware.in

Web: www.techcitisoftware.in

DECLARATION

I, **Likhith A S**, student of 6th MCA, **CMR Institution of Technology**, bearing the USN **1CY18MCA55**, hereby declare that the project entitled “Blocking Malicious Script For Web Secure Content” has been carried out by me under the supervision of External Guide **Ms.Keerthana S**, Project Manager, and Internal Guide **Ms. Moumita Roy, Assistant Professor, Dept. of Master of Computer Applications** and submitted in the partial fulfillment of the requirements for the award of the Degree of Master of Computer Applications by the **Visvesvaraya Technological University** during the academic year 2019-2020. The reports has not been submitted to any other University or Institute for the award of any degree or certificate.

Place: Bangalore

LIKHITH A S

Date:

(1CY18MCA55)

ACKNOWLEDGEMENT

I would like to thank all those who are involved in this Endeavour for their kind cooperation for its successful completion. At the outset, I wish to express my sincere gratitude to all those people who have helped me to complete this project in an efficient manner.

I offer my special thanks to my external project guide Ms. Keerthana S Project Manager, Techciti Software Consulting Pvt. Ltd., Bangalore, and to my Internal Project guide Ms. Moumita Roy, Department of MCA, CMRIT, Bangalore without whose help and support throughout this project would not have been this success.

I am thankful to Dr. SANJAY JAIN, Principal, CMRIT, Bangalore for his kind support in all respect during my study. I would like to thank Ms. Keerthana S, Project Manager, Techciti Software Consulting Pvt. Ltd., Bangalore, who gave opportunity to do this project at an extreme organization Most of all and more than ever, I would like to thanks my family members for their warmness, support, encouragement, kindness and patience. I am really thankful to all my friends who always advised and motivated me throughout the course.

LIKHITH A S
(1CY18MCA55)

S.NO.	CONTENTS	Page No.
1	INTRODUCTION	1
	1.1 PROJECT DESCRIPTION	1
	1.2 COMPANY PROFILE	2
2	LITERATURE SURVEY	4
	2.1 EXISTING AND PROPOSED SYSTEM	4
	2.2 FEASIBILITY STUDY	5
	2.3 TOOLS AND TECHNOLOGIES USED	6
	2.4 HARDWARE AND SOFTWARE REQUIREMENTS	10
3	SOFTWARE REQUIREMENTS SPECIFICATION	11
	3.1 FUNCTIONAL REQUIREMENTS	11
	3.2 NON-FUNCTIONAL REQUIREMENTS	12
4	SYSTEM DESIGN	13
	4.1 SYSTEM ARCHITECHTURE	13
	4.2 CONTEXT DIAGRAM	14
5	DETAILED DESIGN	16
	5.1 USE CASE DIAGRAM	16
	5.2 CLASS DIAGRAM	17
	5.3 SEQUENCE DIAGRAM	18
	5.4 ACTIVITY DIAGRAM	20
	5.5 DATABASE DESIGN	21
6	IMPLEMENTATION	24
	6.1 SCREEN SHOTS	24
7	SOFTWARE TESTING	31
8	CONCLUSION	36
9	FUTURE ENHANCEMENTS	37
10	BIBLIOGRAPHY	38
11	USER MANUAL	39

1. INTRODUCTION

1.1 PROJECT DESCRIPTION

The data security is very important now a days. Each data of the client and related to company products should be very important most of the company they are using the desktop application. Most of the secure service system should be offline. If it is online there may be a huge chance to hack the details. But now a days all the system is working in online. So we need to give more security for files and data. In most of the company they are creating intra application to avoid the leakage of data. So in this application we are providing high security for file sharing. In this project the employee can able to share the files to another employee but in all the company the coding part should be very important and the employee can't able to share the code.if they try to share the code file it will show the error message and the employee wont ask the file. All the company if any code file extension they can't able to share.so some people will copy the code in the text file and they will try to share the code. This application will check the conetent inside the file whether the particular file has coding in that they can't bale to share. I will block the malicious file to share for another people and admin will the authorized person and her can able to monitor all the activities by the employee. If the particular employee try to share the malicious file then admin will block the particular employee based on the IP address and again the particular employee could not able to share the file. And we are implementing graphs to identify the number of blocked users.

1.2 COMPANY PROFILE



TechCiti Software Consulting Private Limited

History of the Organization

TechCiti Technologies Private Limited was incorporated in the year of 2013. The company network includes two companies “TechCiti Technologies Private Limited” and “TechCiti Software Consulting Private Limited “. TechCiti Technologies Private Limited being the parent company and TechCiti Software Consulting Private Limited being the deemed subsidiary of TechCiti Technologies Private Limited and was incorporated in the year of 2018.



Structural Organisation Of TechCiti

Our Alliances and Partnerships

We are partnered with Riverbed, Lavelle, Dell EMC, Hewlett Packard Enterprise, Adobe, Cisco, and Intel.

Products and Services offered by the Organization

- Managed Services – Managed services include :
 - Infrastructure Management Services
 - Data Centre Management Services
 - Managed customer experience
 - Consulting Services
 - Cloud Services
 - Managed Collaboration and Productivity Services
 - Digital Infrastructure and Networking Services
 - Digital Infrastructure Security
 - Technical Support & Services

- Enterprise Software Solutions
- Web Application Development
- Application Maintenance & Support
- Cloud Web Services

2. LITERATURE SURVEY

2.1 EXISTING AND PROPOSED SYSTEM

EXISTING SYSTEM:

The existing system has no file security and any employee can able to access the file.so there is no data privacy also not there in the previous system.

In the Previous system on Malicious File detection typically model the traffic watching information of interval as a vector and use a traffic matrix to record the traffic watching information of amount.

The same computers are shared among different people.so there may be chance of hacking the details by using any malware software so they can easily get there login id and password to hack system.

The main disadvantages of the existing system there is no proper security for the files so the hackers can easily steal the data.

PROPOSED SYSTEM:

The New System Provides more file security and traffic delay should be less and the accuracy of the file detection should be very high and the proposed system

Advantages of the Proposed System

- The efficiency of the algorithm is high.
- This system implementing data security and privacy we are implementing high and secured encryption scheme to prevent the data leakage.
- To Reduce the time to find the unwanted files
- To Reduce the value of the project

In this project we tend to area unit exploitation advanced algorithmic program technique to find file

2.2 FEASIBILITY STUDY

This section is fully analyzed the business proposal of the project. In this study will going to estimate the project valuation and the cost estimation the requirement of each project is unique so that the cost of each project will differ. This study will reduce the burden to all the corporate users. The cost estimation is varied for each project based on the requirements and this study will helpful to understand the business problem. This study will be further classified by three types.

ECONOMICAL FEASIBILITY

This analysis is mainly consider the economic impact of the project. All the organization consider this analysis because each project budget will be checked here and we will calculate the expenditure will be consider. The budget estimation of the project should be done here. In that budget we are considering development side. Most of the tools and technologies now available for free. In this study will consider each and every parameter to prepare cost estimation

TECHNICAL FEASIBILITY

This analysis is mainly used ti identify the technical resources of the project. There is a high demand on any system to obtain technical resources so we are considering this parameter and this will make the high demand on the customer also. All the development team must have a newest demand based on that charges will consider. This study will give the better result to find the business problem.

SOCIAL FEASIBILITY

This study is mainly helpful to see the extent of acceptance of the system by the user. This will consisting of the user requirements and check the efficiency of the system. The user will explain their requirement without any hesitation that means the user can feel free to talk with the developer and explain their requirement accordingly. while they are talking to the people they the user confidence level should be raised s0o that they can create some new idea and the will make the ultimate system for the user and this is system will increasing the bonding between the user.

2.3 TOOLS AND TECHNOLOGIES USED

□ BOOTSTRAP

Bootstrap is AN open supply framework accustomed develop the responsive internet applications or responsive styles. Responsive suggests that application ought to be runs on smaller screens like mobile phones and tablets. each part of the mark-up language document gets stacked once the page gets small eror reduced.Bydefault,bootstrap takes twelve columns of dimension with equal separation of the columns meaning each column having same size. however, you'll alter the default values and you'll build layouts, design Bootstrap offer grid system for all reasonably devices like additional little,small,medium,large,extra-large which might facilitate to run the app on each device. any it offers some fashionable buttons, forms, tables then on. Bootstrap four is that the newest version with some further options compare to previousversions.

TOOLS

➤ WAMPSEVER

This Wamp Software is used for windows platform each platform has unique software and this software is mainly used to run the PHP application if any one wants to run the PHP program they need to install wamp for windows and once they installed they have to start the server called apache. PHP is the server side scripting Language so they need server to run the application in browser because of that we have to start apache first and mysql is mainly used to access the database, an online developer can take a glance at webpages throughout a computer programme whereas not business them still WAMP to boot includes MySQL and PHP, that unit a pair of the most technologies are depends on the server. PHP also server side scripting Language so PHP needs server to run the application in browser and Wamp Software is very use to access and everyone can easily understand.

□ **BRACKETS**

Brackets could be an ASCII text file editor with a primary specialize in internet development. Created by Adobe Systems, it's free and ASCII text file package authorized underneath the Massachusetts Institute of Technology License, and is presently maintained on GitHub by Adobe and alternative ASCII text file developers. it's written in JavaScript, mark-up language and CSS. Brackets is cross-platform, accessible for macOS, Windows, and most UNIX operating system distributions.

Features

- Quick Edit.
- QuickDocs.
- LivePreview.
- OpenSource.

2.1.1 TECHNOLOGIES

□ **JAVASCRIPT**

It is a programming language used for HTML pages. It was invented in 1995 at Netscape Corporation. Its programs are run by an interpreter built into the user's web browser.

Features:

- It can dynamically modify an HTMLpage.
- It can react to userinput.
- It can validate userinput.
- Can be used to createcookies.
- It is full-featured programminglanguage.
- It does not require user interaction for communication withserver.

□ JQUERY

It is a client side-scripting library of JavaScript. It allows accessing any element, making animation and validating input by using the library. The purpose jQuery is to make it much easier to use JavaScript on the website. It has plenty of built-in animation effects which can be used in the websites.

Functionalities:

- It helps to run with all kind of browsers and is compatible with various browsers.
- It helps to implement critical functionality.
- It is fast to implement customized action.

➤ HTML

HTML is the client side scripting Languages it is only one language will display the output in the browser. HTML is mainly consists of tags. All the tags must have the closing tags also. It is mainly used to design the static webpages and make the pages more attractive.

Web browsers receive machine-readable text nomenclature it will receive the documents from the web server or from native storage and move the documents into multimedia websites. machine-readable text nomenclature it describes the webpage structure and everything should be semantically.

- HTML describes the structure of internet sites exploitation Mark-up
- hypertext nomenclature components unit the building blocks of mark-up language pages
- HTML components unit represented by tags
- HTML tags label things of content like "heading", "paragraph", "table", and soon
- Browsers do not show the machine-readable text nomenclature tags.

CSS

- CSS is used for while creating webpage adding style in that in a simple and easiest way. CSS is mainly used to maintain add the extra styling for the static webpages. All the customer needs attractive web pages. Once if they see the website it should be so attractive manner. If you are only

using HTML we can't able to do the attractive web pages. So we need some extra languages to make the webpages more attractive.so we are implementing CSS.

- We can able to use CSS in three ways they are internal, external, inline style sheet. But most of the web pages use external style sheet and it has to be link into the HTML Pages.
- CSS making the webpage more styling and it consists of properties.
- CSS Consists o properties and values. These properties are predefined
- Syntax to write CSS

- Property : value;

- Ex. Color : red;

□ **PHP**

PHP could be a Server-side scripting language, which might be embedded in HTML or used as a standalone binary. Rasmus Lerdorf – a engineer, Apache team member is that the creator and original thrust behind PHP. PHP is otherwise called as server side scripting Language. By using only HTML we can't able to connect to the database.HTML is only used to static webpages. If we want to make the pages into dynamic we need server side scripting Language. So using PHP we will get all the values from HTML and then from HTML to PHP we will connect. PHP code will work only if the user clicks submit button and it should be very easy to understand and everyone can able to use the code without and difficulty and easy to fine errors. PHP has predefined functions so it will reduce the code.

□ **MySql**

RDBMS is very important concept if any data need to store permeant we need some storage. Mysql is used to store the data permeant and it is easy to access. The information in a very MySQL information square measure keep in tables. A table could be assortment of connected information, and it consists of columns and rows.

2.3 HARDWARE AND SOFTWARE REQUIREMENTS

HARDWARE REQUIREMENTS

Ram	: 2 GB.
Processor	: Pentium V or above.
Keyboard and Mouse	: Required
CPU Type	: Intel(R) Pentium(R) CPU2020M
Hard Disk	: 300 GB

SOFTWARE REQUIREMENTS

Operating System	: Windows 7 or above
Coding Language	: JavaScript, JQuery.
Front End	: HTML, CSS, Bootstrap.
Tools Used	: Wamp Server, Brackets.
Internet Connection	: Required.

3. SOFTWARE REQUIREMENTS SPECIFICATION

3.1 FUNCTIONAL REQUIREMENTS

- **LOGIN**
 - **Description:** The user has to enter his name and password
 - **Input:** Name of the User and Password
 - **Processing:** Validating the user
 - **Output:** Home Screen
 - **Post Condition:** A new Session would be generate
- **MANAGE ADMIN:**
 - **Input:** Details of the admin
 - **Processing:** Viewing details about admin
 - **Output:** Add the files to database.
- **ADMIN MANAGE USER**
 - **Input:** Details of the user
 - **Processing:** Viewing details about user
 - **Output:** Add the details to database.
- **ADMIN MANAGE MALICIOUS WEBPAGE:**
 - **Input:** Details of the malicious webpage
 - **Processing:** Adding details and query about malicious page
 - **Output:** Add the details to database.
- **MANAGE MODULE**
 - **Input:** Details of the module
 - **Processing:** Adding details about module
 - **Output:** Add the details to database.

3.2 NON FUNCTIONAL REQUIREMENTS

- **Adaptability**

All the documents should be changed accordingly based on the customer requirements like sizing of screen, resolution can be modified, speed of the internet can vary etc.

- **Availability**

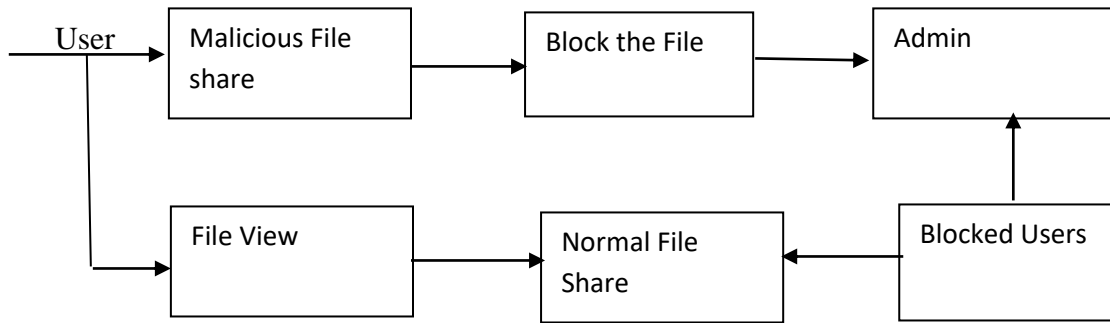
The database connectivity of the system is completely satisfied and it is easy to access the database and they can be able to update the database based on their requirement.

- **Maintainability**

Everyone has to change the project based on the user requirement without affecting the old project flow.

4. SYSTEM DESIGN

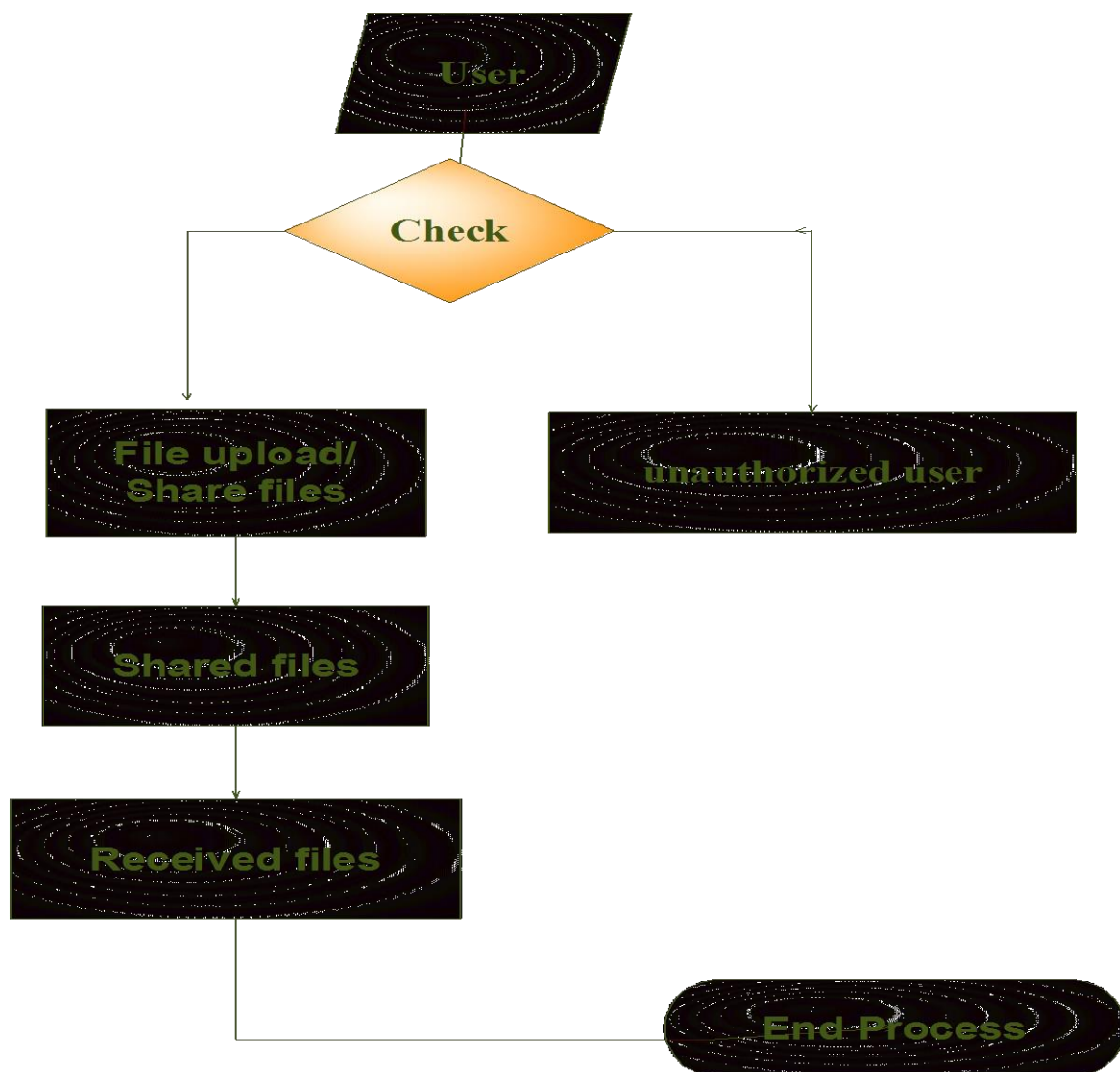
4.1 SYSTEM ARCHITECTURE:



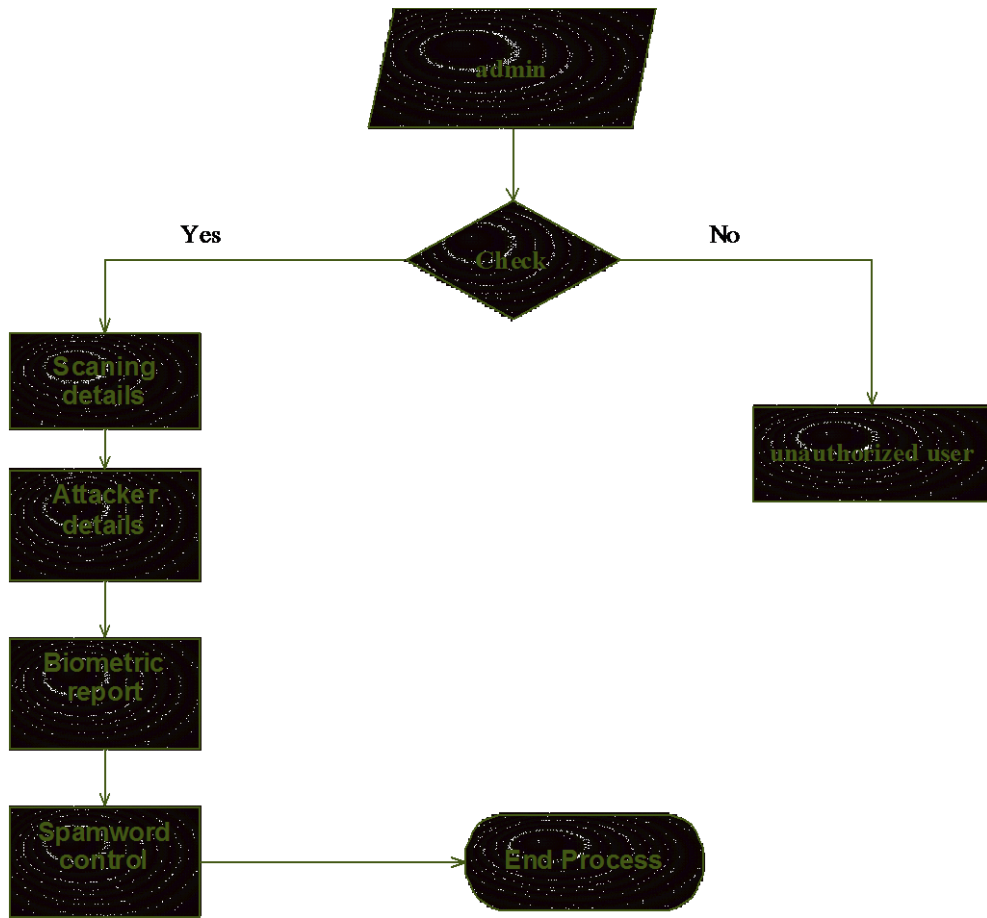
4.2 CONTEXT DIAGRAM

The context diagram is nothing but the Data Flow Diagram. It will give the graphical representation of the project. This project has two major module one is admin and another one is user. Here the user can able to share the file and we will check the file contents whether the file don't have any malicious script then the user can able to share the file and he can able to view the received file

User



Admin

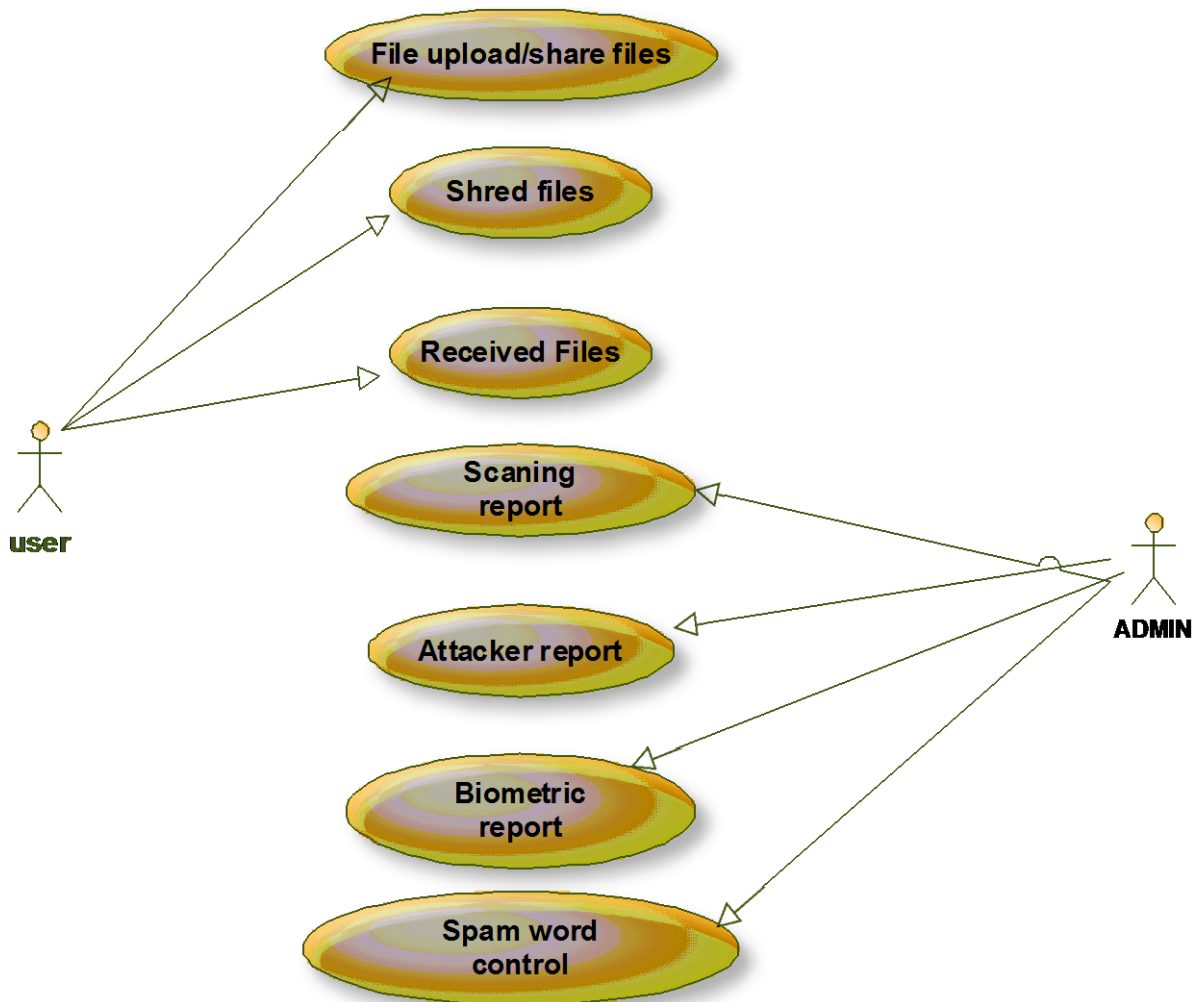


5. DETAILED DESIGN

In the Detailed Design we can see the several diagrams related to our project. Those diagrams are use-case , activity , collaboration , entity relationship and sequence diagrams of all the modules of the project

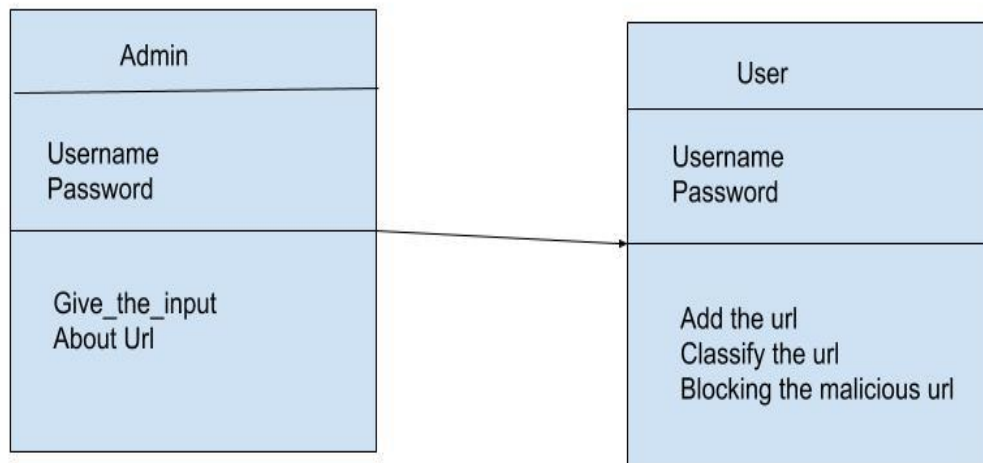
5.1 USE CASE DIAGRAM:

A use case diagram should be like the activity of the project flow and it is also graphical visualization of the project. It consists of actors who has played vital role in the project and clearly represent the flow of the project



5.2 CLASS DIAGRAM:

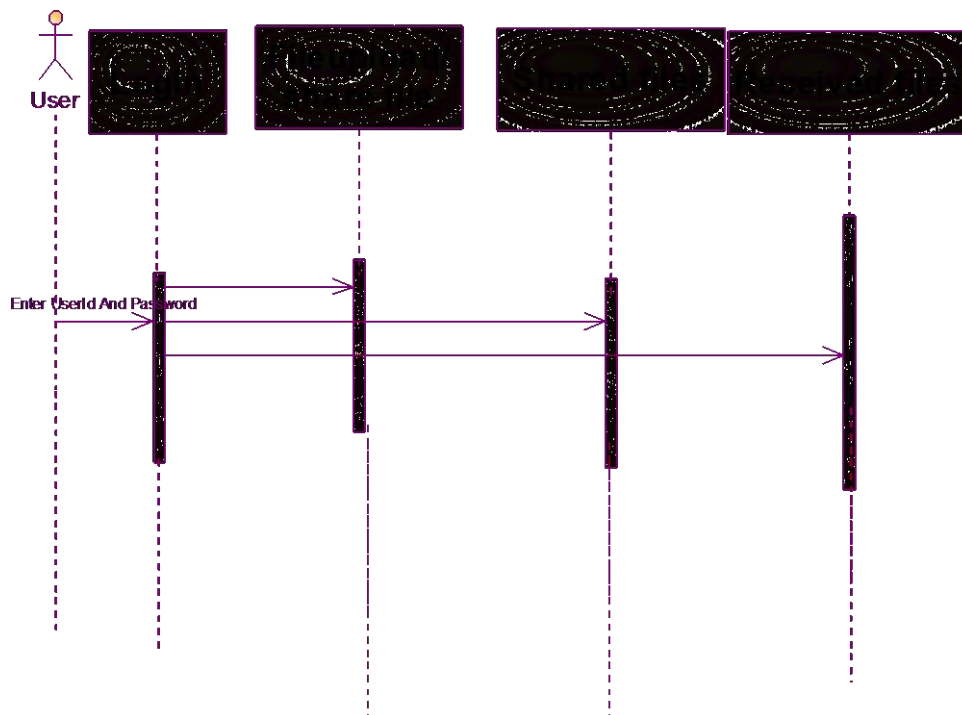
The class diagram is mainly used to represent the classes which will be used in the project. In this project we are having two major modules such as admin and user. This class diagram represents the program activity of the project i.e. what are the major classes used in the project, datatypes, and function classes. Everything will be represented by using this diagram.



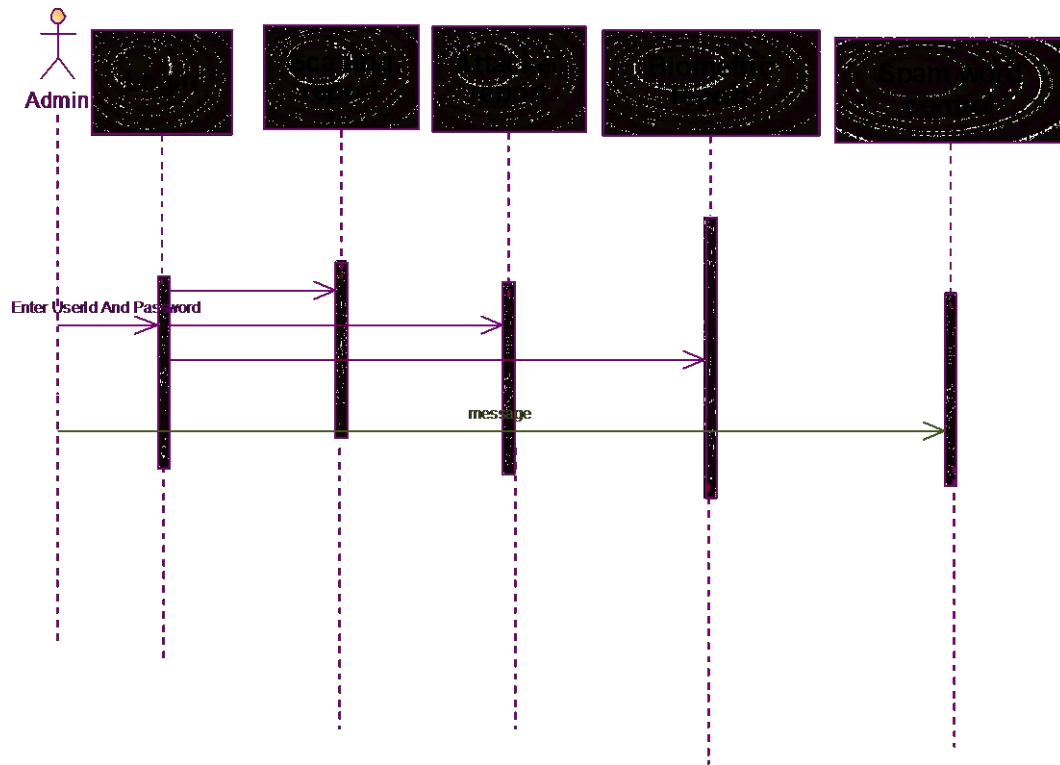
5.3 SEQUENCE DIAGRAM:

user

A sequence diagram may be a reasonably connect diagram it represent the each and every order of the project and it should be in the form of sequence the people can understand the sequence of the project from this diagram.all the users activity should monitor in this diagrams



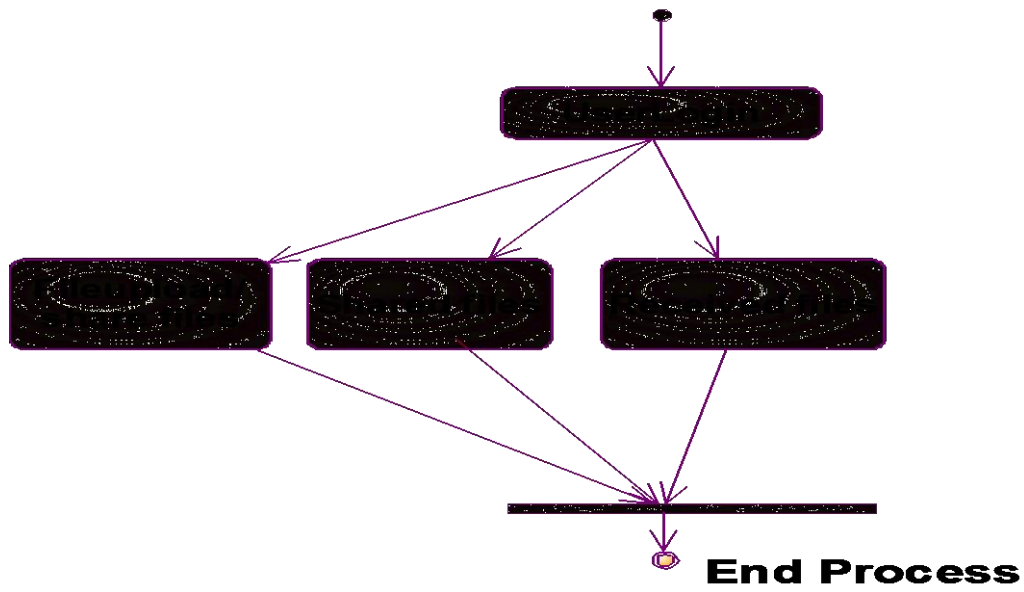
Admin



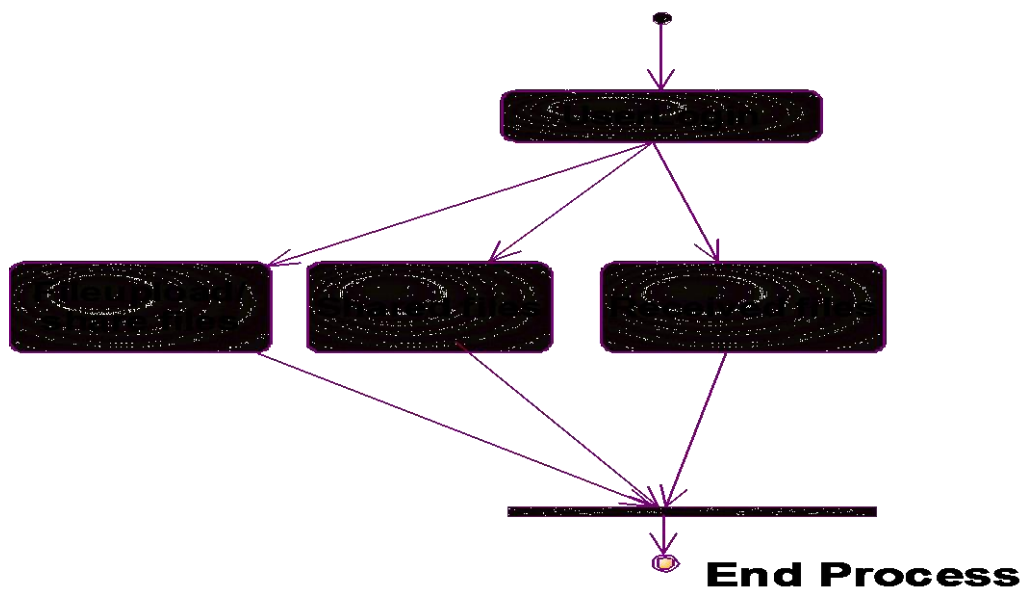
5.4 ACTIVITY DIAGRAM:

Activity diagrams is used to check the workflow of the each and every step of the project.It will represent the activity of the each users in the module

User



User



5.5 DATABASE DESIGN:

Admin Spam

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	Username	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	2	Memberid	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	3	Membername	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	4	Filetitl	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	5	Fileid	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	6	File	longblob		No	None			Change Drop Primary Unique Index Spatial More

Attacker

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	Attackername	varchar(255)	latin1_swedish_ci	Yes	NULL			Change Drop Primary Unique Index More
<input type="checkbox"/>	2	Attacktime	varchar(255)	latin1_swedish_ci	Yes	0000-00-00 00:00:00			Change Drop Primary Unique Index More
<input type="checkbox"/>	3	Attackfile	longblob		Yes	NULL			Change Drop Primary Unique Index More
<input type="checkbox"/>	4	ip1	varchar(255)	latin1_swedish_ci	Yes	NULL			Change Drop Primary Unique Index More
<input type="checkbox"/>	5	uid	varchar(255)	latin1_swedish_ci	Yes	NULL			Change Drop Primary Unique Index More

User Login

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	UserName	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index More
<input type="checkbox"/>	2	reporttime	varchar(255)	latin1_swedish_ci	No	0000-00-00 00:00:00			Change Drop Primary Unique Index More
<input type="checkbox"/>	3	Status	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index More

Received File

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	Username	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	2	Memberid	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	3	Membername	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	4	Filetil	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	5	Fileid	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	6	File	longblob		No	None			Change Drop Primary Unique Index Spatial More

Spam

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	Username	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	2	Filetil	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	3	Fword	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	4	rword	varchar(255)	latin1_swedish_ci	No	None			Change Drop Primary Unique Index Spatial More

Share File

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	Userid	varchar(255)	latin1_swedish_ci	Yes	NULL			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	2	Username	varchar(255)	latin1_swedish_ci	Yes	NULL			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	3	Memberid	varchar(255)	latin1_swedish_ci	Yes	NULL			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	4	Membername	varchar(255)	latin1_swedish_ci	Yes	NULL			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	5	Fileid	int(255)		Yes	NULL			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	6	Filetile	varchar(255)	latin1_swedish_ci	Yes	NULL			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	7	File	longblob		Yes	NULL			Change Drop Primary Unique Index Spatial More

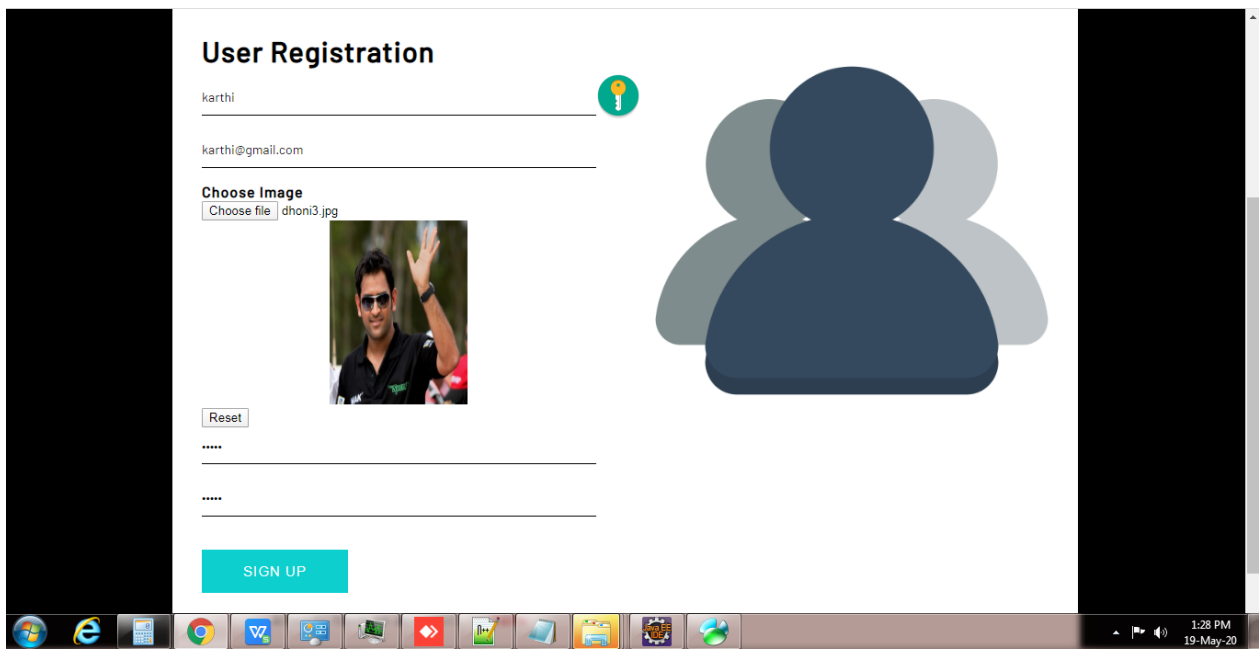
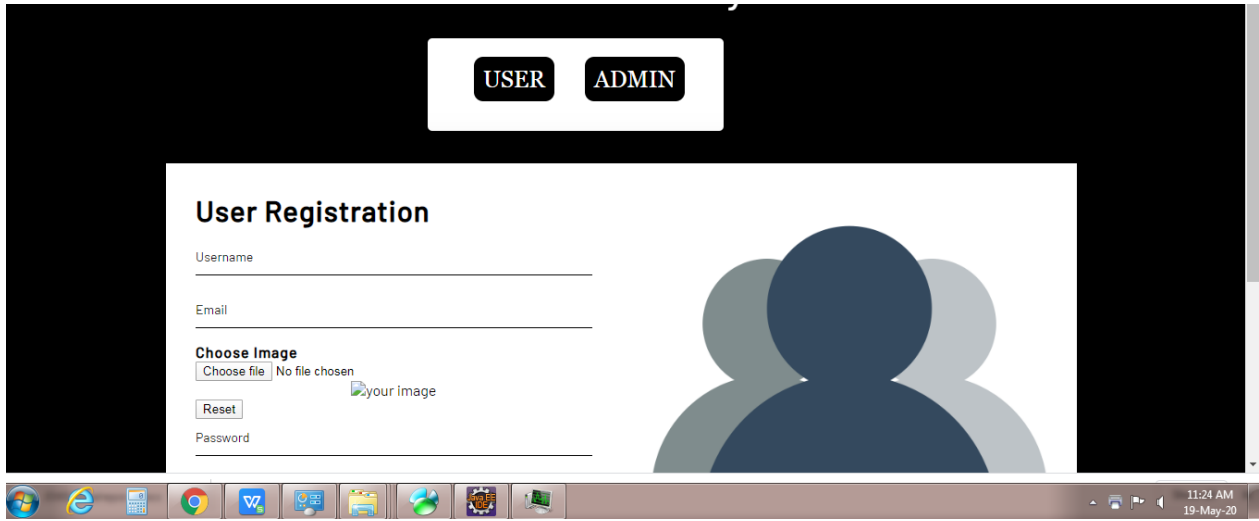
User Registration

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	userid			No	0			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	2	username	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	3	emailid	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	4	image			Yes	NULL			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	5	password	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	6	rpassword	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	7	binaryimage	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	8	imagename	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial More
<input type="checkbox"/>	9	status	latin1_swedish_ci		Yes	NULL			Change Drop Primary Unique Index Spatial More

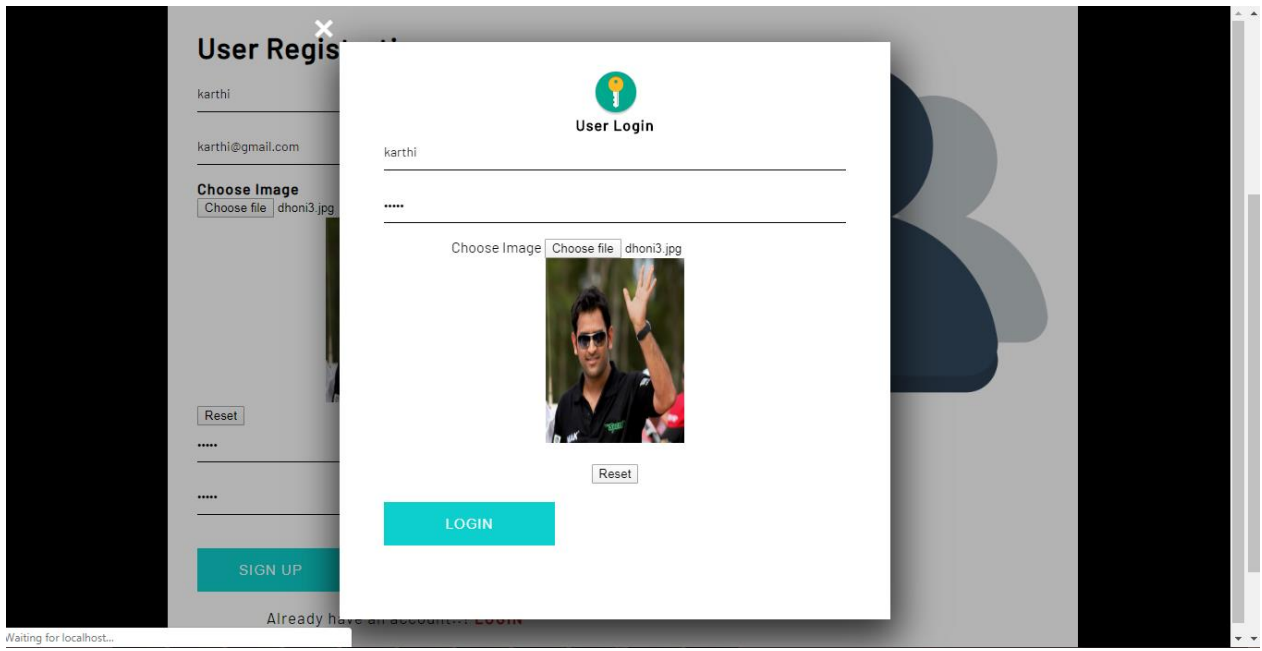
6. IMPLEMENTATION

6.1 SCREENSHOTS

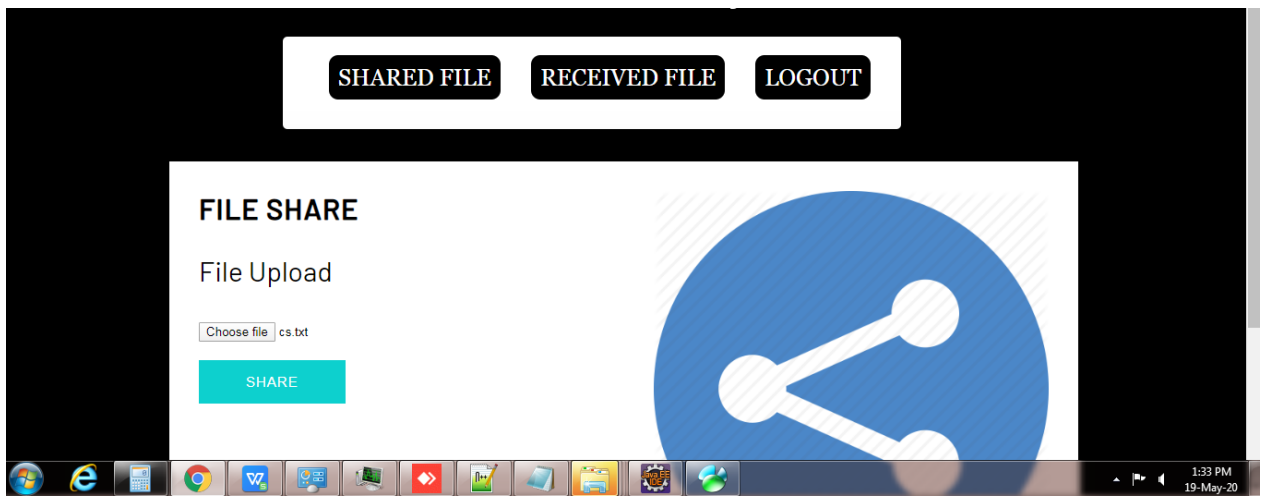
User Registration



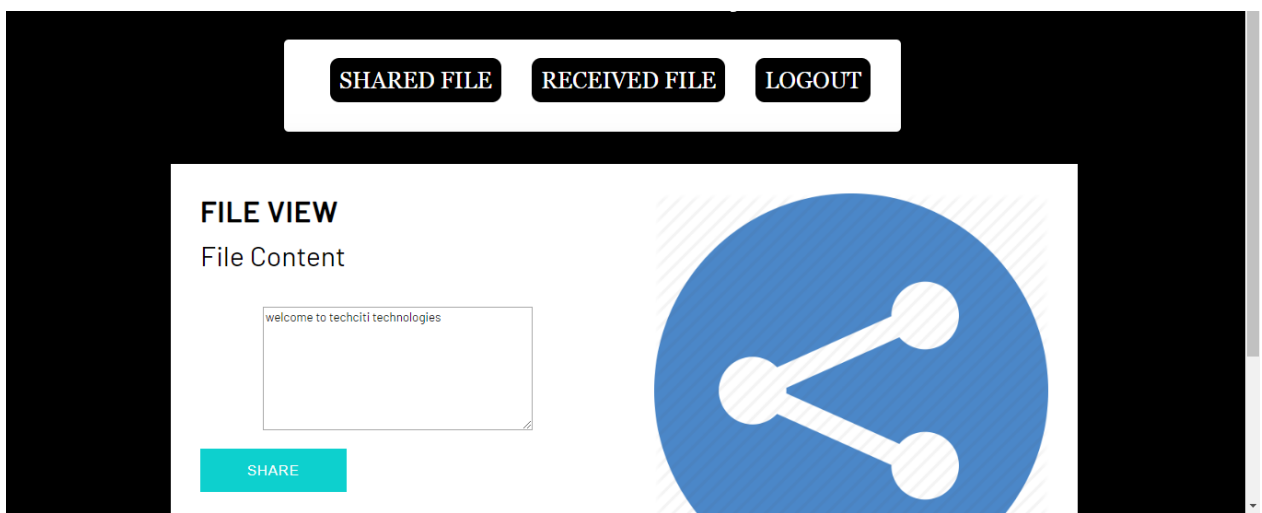
User Login



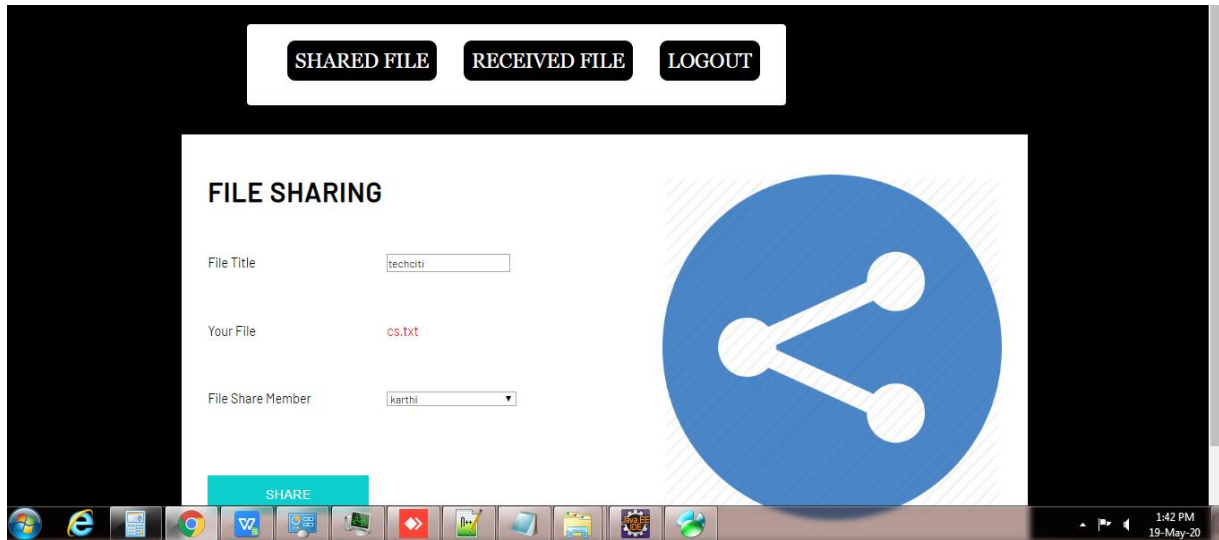
File Upload



File View



File Sharing



localhost:8080 says
File Successfully Shared



OK

Waiting for localhost...

Received File

Share Member Name	File Name	File	Download File
arul Kumar	Address	Chennai Sunday Systems Pvt(Ltd) No.1, 15th Street, Vel Flats, AshokNagar, Chennai-83,	Download
arul Kumar	add	Chennai Sunday Systems Pvt(Ltd) No.1, 15th Street, Vel Flats, AshokNagar, Chennai-83,	Download
arul Kumar	add		Download

Admin Login

USER	ADMIN
<h3>Admin Login</h3> <p>admin </p> <p>.....</p> <p>LOGIN</p> 	

sharefiledownload...jsp sharefiledownload1.jsp Show all X

Attacker Details

ATTACKER DETAILS	LOGIN REPORT	REPEATED ATTACKER	GRAPH	LOGOUT
IP Address	Time To Attack	Unwanted File		
192.168.1.6	Fri 2020.10.17 at 03:57:16 PM IST	insert-<?php welcome is chennai sunday is good center		
		<!DOCTYPE html> <html> <body> <p>This is a paragraph </p> <p>This is a paragraph </p> <p>This is a paragraph </p> </body>		

Login Report

Authentication Name	Access Time	Login Status
jayaprakash	Thu 2014.10.16 at 05:00:05 PM IST	sucess
arulkumar	Thu 2014.10.16 at 06:17:16 PM IST	fail
jayaprakash	Thu 2014.10.16 at 06:22:17 PM IST	sucess
jayaprakash	Fri 2014.10.17 at 11:50:57 AM IST	sucess
jayaprakash	Fri 2014.10.17 at 12:10:19 PM IST	fail
jayaprakash	Fri 2014.10.17 at 12:11:31 PM IST	fail
jayaprakash	Fri 2014.10.17 at 12:35:32 PM IST	sucess

Repeated Attacker

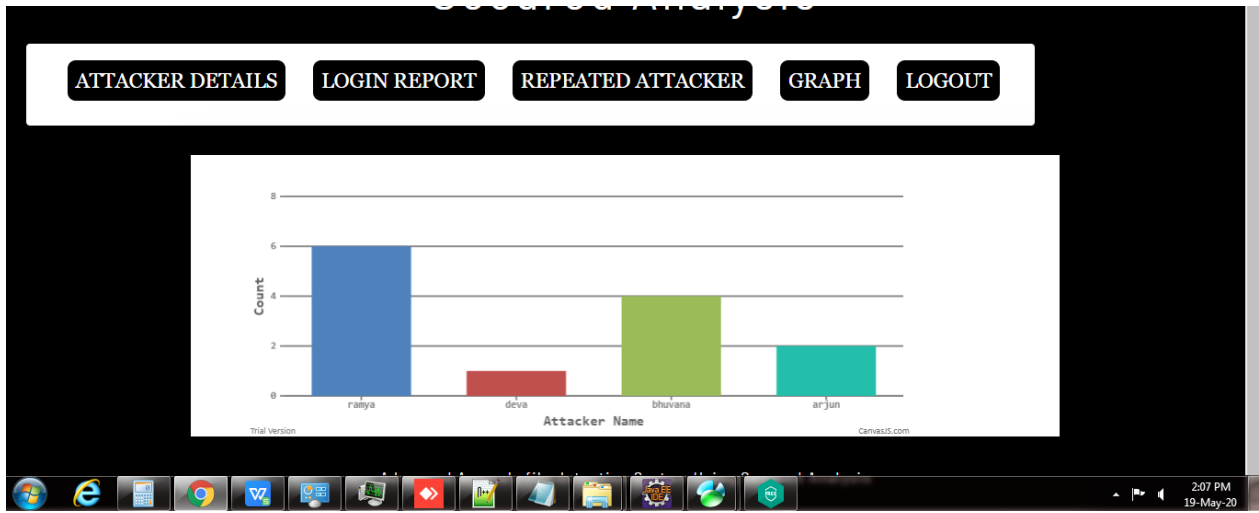
IP Address	Time To Attack	Unwanted File	Time To Attack	Action
192.168.1.4	Fri 2020.02.07 at 08:07:49 PM IST	<pre><?php ECHO "Hello World
"; echo "Hello World
"; Echo "Hello World
"; ?></pre>	6	Block
192.168.1.5	Sat 2020.02.08 at 01:25:37 PM	<pre><%@page import="com.oreilly.servlet.*,java. sql.*,databaseconnection.*,java.ut il.*,java.io.*,javax.servlet.*, javax.servlet.http.*"%> <%@ page contentType="text/html; charset=utf-8" language="java" import="java.sql.*" errorPage="" import =</pre>	1	Block

localhost:8080 says
Blocked Successfully

OK

Waiting for g.c.kis.v2.scr.kaspersky-labs.com...

Graph Of Repeated Attackers



Sharing Code Disabled ,Only Text Allowed


SHARED FILE RECEIVED FILE LOGOUT

FILE VIEW

File Content

```
<%@page
import="com.oreilly.servlet.*" java.sql.*" databasecon
nection.*" java.util.*" java.io.*" javax.servlet.*"
javax.servlet.http.*"%
<%@ page contentType="text/html; charset=utf-8"
language="java" import="java.sql.*" errorPage=""
import =
"java.util.Date,java.text.SimpleDateFormat,java.text.
```

SHARE




2:07 PM
19-May-20

SHARED FILE RECEIVED FILE LOGOUT

Upload Only Textformat files Here,,,,,,,,

Click her to Again Upload File



2:09 PM
19-May-20

7. SOFTWARE TESTING

The testing is mainly used to identify the errors in the project. Testing plays a vital role in all the software products because all the user requirements should be satisfied here. This is the method to find the defects or faults in the software product. Once the project has done we have to check all the attributes and whether the customer satisfaction has to be done or not. Each form we need to check validation and whether the particular fields become blank means we need to show the error to the user. So the complete test cases of the project has to be done in this testing system.

TYPES OF TESTING

Unit testing

Unit checking involves the planning of test cases and it checks the code with user has given valid input to get the valid output or not. Using unit testing method we can check whether the person is authorized or unauthorized person. If the person is authorized it is redirect to next page. If the person is unauthorized it will show error message has invalid input or something you can get red mark indicates in that particular page.

Integration testing

Integration tests are used to check the program page whether the user fill the values or not. Integration testing is used to check whether all the fields are filled with value or not. If some of the fields are not field and it is mandatory means it shows like you need to fill the required value.

Functional Test

This testing will give the demo of the functions tested area and it will satisfy the customer business and technical needs, system documentation, and user manuals. It will validate the user input and output based on the customer satisfaction.

System Test

This testing is mainly used to check whether the customer requirement is completely satisfied or not. The system test will monitor the complete functionality of the software and it will be used to find the complete bugs in the project so the developer can be able to find the error at the time of developing and all the validation related errors and missed fields error everything should be done by system test.

White Box Testing

In this testing we have to know the inner working of the project. If the tester understands the working, then only they can be able to do this testing. In this testing, the tester can be able to see the code and they can be able to modify the code and internal working of the projects. If they changed, also the system has to be working fine. This testing should be very important for all the software products.

Black Box Testing

This testing can be able to be done by anyone. Because the working of the project is not necessary. This testing has to be done based on the user requirement and specification. If no one knows the flow of the project, also can be able to do Black box tests, they have to prepare complete document of the testing and test case everything has done by using black box testing.

TEST CASES:

1.ADMIN LOGIN

System Testing

This testing is mainly used to check whether the customer requirement is completely satisfied or not.the system test will monitor the complete functionality of the software and it will be used to find the complete bugs in the project so the developer can able to find the error at the time of developing and all the validation related errors and missed fields error everything should be done by system test.

Test Reports for Admin Login

Test Case No.	Description	Input	Expected Result	Remark
1.	Correct userid And password	Userid and password	Login successful	Pass
2.	Incorrect userid And password	Userid and password	Login Unsuccessful	Pass
3.	Blank userid And password.	Userid and password	Prompts message saying required field	Pass

Unit Testing:

Unit checking involves the planning of test cases and it checks the code with user has given valid input to get the valid output or not. Using unit testing method we can check whether the person is authorized or unauthorized person. If the person is authorized it is redirect to next page. If the person is unauthorized it will show error message has invalid input or something u can get red mark indicates in that particular page.

Test Reports for Admin Login with blank field

Test Case No.	Description	Input	Expected Result	Remark
1.	All fields filled	Proper details	New Item added	Pass
2.	Missing fields	Blank input for some fields	Prompt message	Pass
3.	To check String or integer	Wrong input	Asking for correct input	Pass

2. USER LOGIN

System Testing

Test Reports for User Login

Test Case No.	Description	Input	Expected Result	Remark
1.	Correct userid And password	Userid and password	Login successful	Pass
2.	Incorrect userid And password	Userid and password	Login Unsuccessful	Pass

3.	Blank userid And password.	Userid and password	Prompts message saying required field	Pass
----	-------------------------------	------------------------	--	------

Unit Testing:

Test Reports for User login with blank field

Test Case No.	Description	Input	Expected Result	Remark
1.	All fields filled	Proper details	New Item added	Pass
2.	Missing fields	Blank input for some fields	Prompt message	Pass
3.	To check String or integer	Wrong input	Asking for correct input	Pass

8. CONCLUSION

The elements of JavaScript have been surprisingly improved in HTML5 reported in W3C [8] contrasted with the past HTML yet security danger utilizing JavaScript is expanding simultaneously. The paper recommended advancements in customer level that can react to the cyber attack utilizing JavaScript. Since JavaScript can be running just by means of internet browser, pernicious content can be recognized and hindered through program's intermediary. Be that as it may, there are a few cutoff points in the innovations proposed in this investigation. Right off the bat, for muddling identification innovation utilized in accuracy investigation, it indicated high recognition rate for notable jumbling technique, for example, Base62 or Base64 encoding, yet experiences issues in recognizing content jumbled by new strategy. Moreover, this innovation can't distinguish pernicious content in versatile condition as proposed for PC condition. As there is expanding clients getting to web by means of cell phone because of quick dispersion of cell phone, aggressors have developed the method of assault through cell phone. So as to repay the cutoff points and react to new muddling techniques, we are going to lead top to bottom research on jumbling location calculation and specialized investigation on malignant content discovery in portable condition.

9. FUTURE ENHANCEMENTS

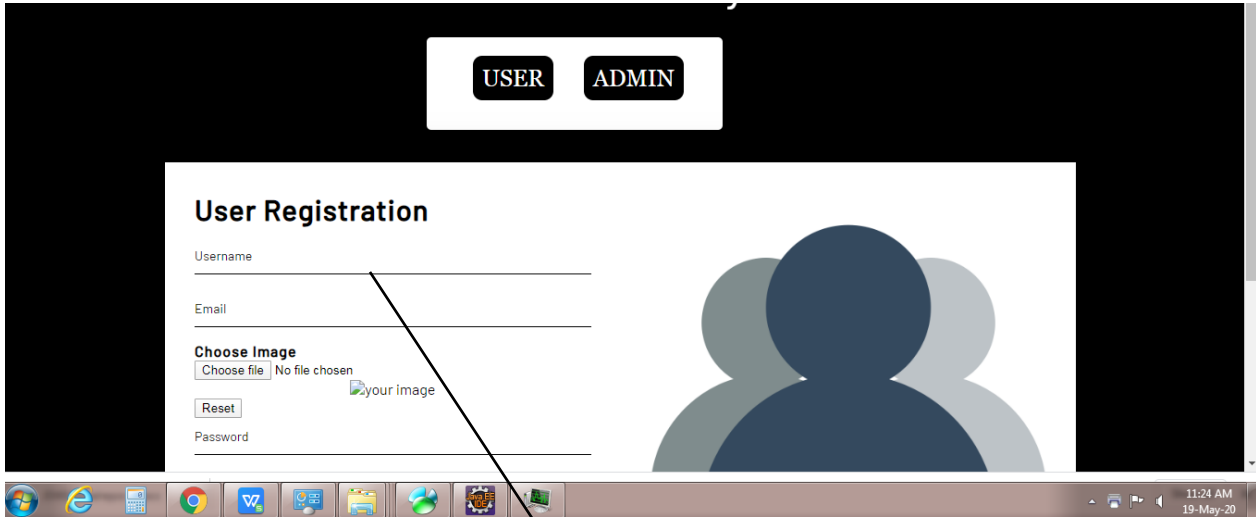
This system implement the secured file sharing system and this system specified the security requirements. All the data should be very important to the cloud and the cloud need some more security system and Through performance evaluation, we demonstrated that development is possible. We leave as future work to further improve the efficiency while keeping all nice features of the system and that we will give more security to files like fingerprint matching and to enhance the trustworthiness of the files so in future we wil lgive more security for the file and improve the efficiency of the file also.

10. BIBLIOGRAPHY

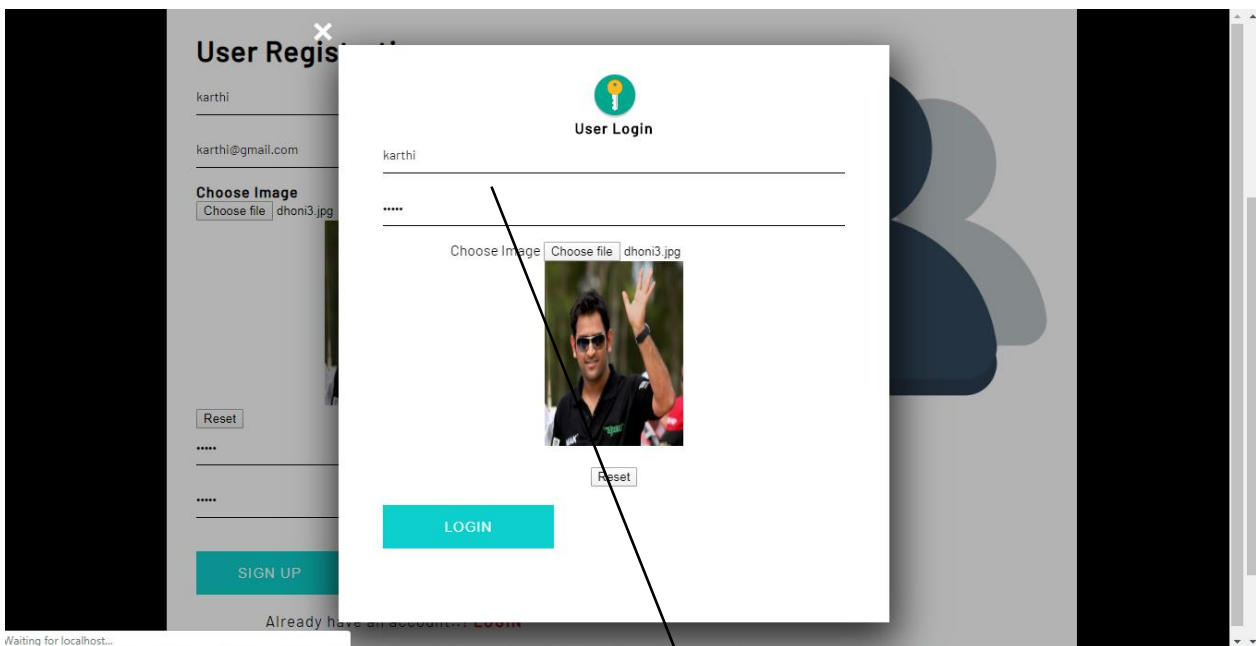
These are the referred websites for this project:

1. Paolo Mioni Published 2018 Anatomy of malicious script ,<https://css-tricks.com>
2. Prevent Cross-Site(XSS) Malicious Content, <https://dwheeler.com>
3. Preventing XSS Attacks www.computerweekly.com
4. Client-Side JavaScript Security Accessed from www.sitepoint.com
5. www.wampserver.net
6. www.wikipedia.org
7. www.stackoverflow.com
8. www.javascript.com
9. www.tutorialspoint.com

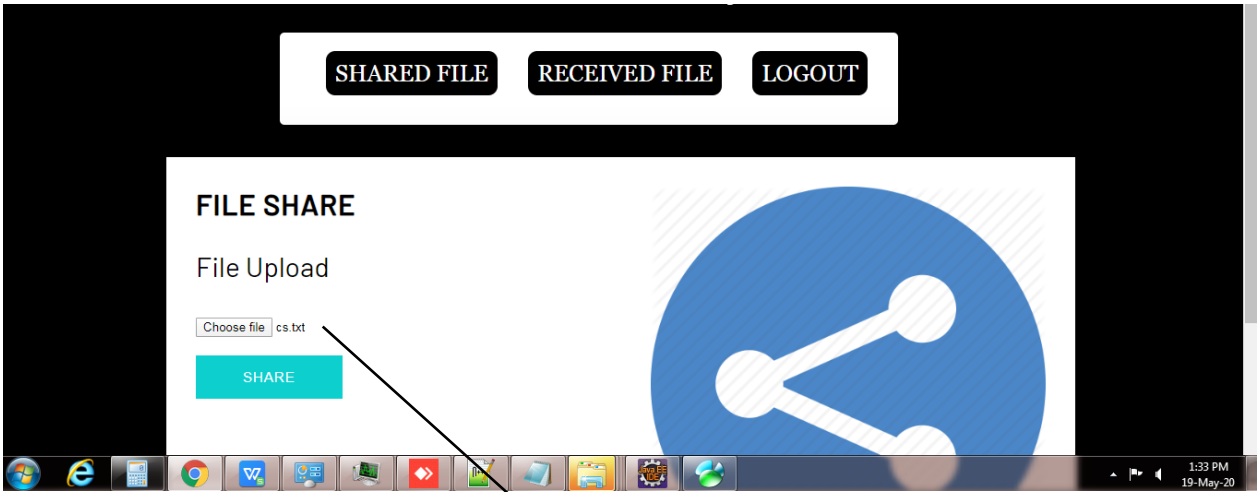
11. USER MANUAL



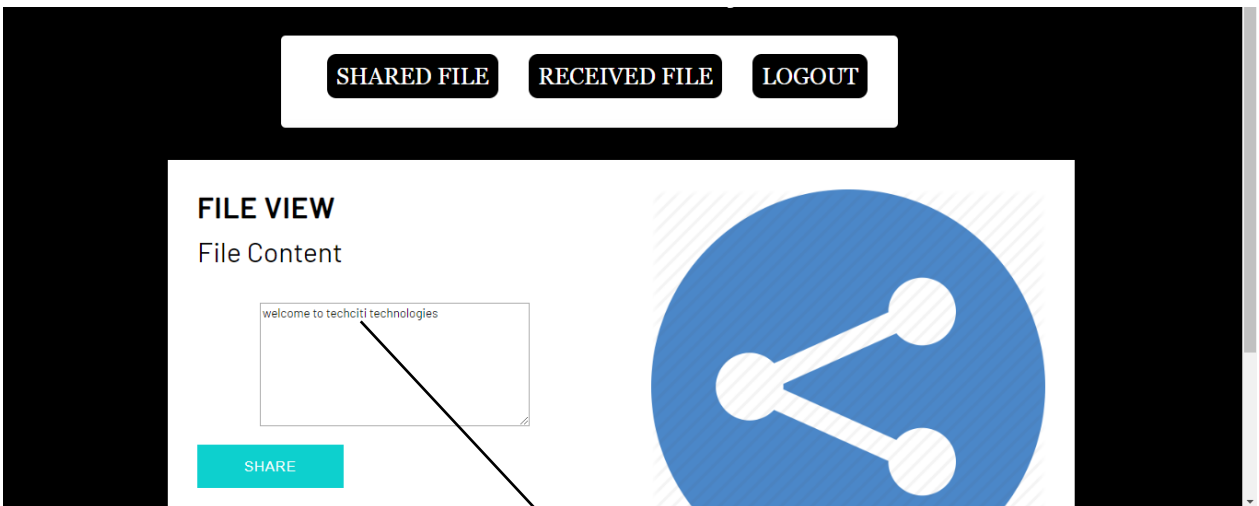
Registration Page Of The User



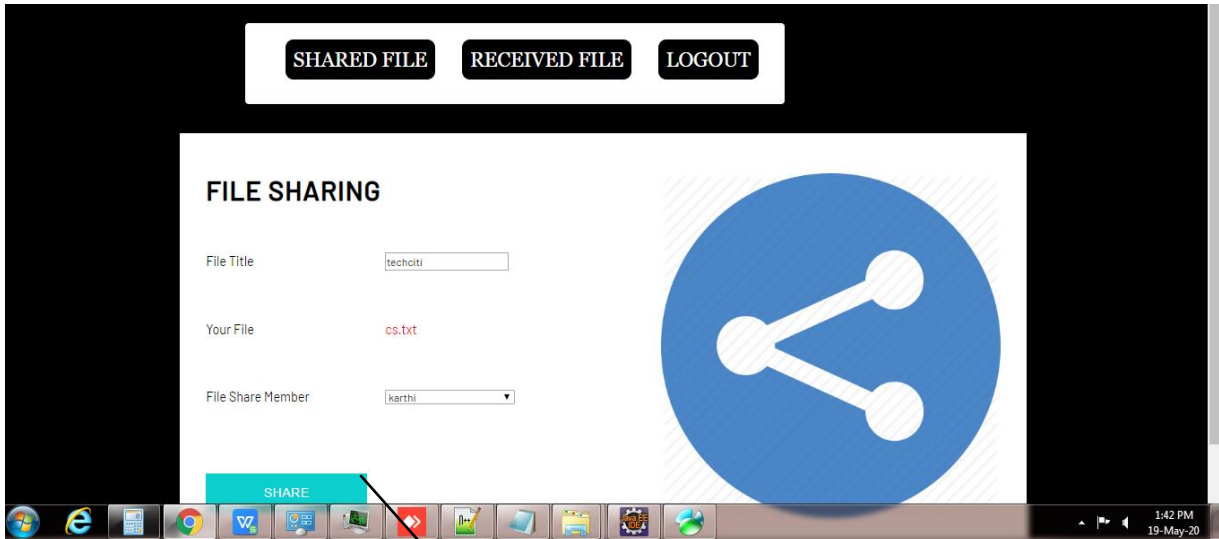
Login Page Of The User



Upload The File



Write The Content



User Sharing The File