**ACKNOWLEDGEMENT**

For all the efforts behind the paper work, I first & foremost would like to express my sincere appreciation to the staff of Dept. of Computer Sci.& Engg., for their extended help & suggestions at every stage of this paper. It is with a great sense of gratitude that I acknowledge the support, time to time suggestions and highly indebted to my guide Finally, I pay sincere thanks to all those who indirectly and directly helped me towards the successful completion of the paper.

**ABSTRACT**

We study the following problem: A data distributor has given sensitive data to a set of supposedly trusted agents (third parties). Some of the data are leaked and found in an unauthorized place (e.g., on the web or somebody's laptop). The distributor must assess the likelihood that the leaked data came from one or more agents, as opposed to having been independently gathered by other means. We propose data allocation strategies (across the agents) that improve the probability of identifying leakages. These methods do not rely on alterations of the released data (e.g., watermarks). In some cases, we can also inject “realistic but fake” data records to further improve our chances of detecting leakage and identifying the guilty party.

**INTRODUCTION**

Data leakage is defined as the accidental or unintentional distribution of private or sensitive data to an unauthorised entity.

Data leakage poses a serious issue for companies as the number of incidents and the cost to those experiencing them continue to increase.

Data leakage is enhanced by the fact that transmitted data including emails, instant messaging, website forms, and file transfers among others, are largely unregulated and unmonitored on their way to their destinations.

The main scope of this module is providing complete information about the data/content that is accessed by the users within the website. Forms Authentication technique is used to provide security to the website in order to prevent the leakage of the data.

Continuous observation is made automatically and the information is send to the administrator so that he can identify whenever the data is leaked.

**OBJECTIVES**

Data Leakage Detection Project propose data allocation strategies that improve the probability of identifying leakages. In some cases, we can also inject “realistic but fake” data records to further improve our chances of detecting leakage and identifying the guilty party.

In the course of doing business, sometimes sensitive data must be handed over to supposedly trusted third parties. Another enterprise may out source its data processing, so data must be given to various other companies. There always remains a risk of data getting leaked from the agent. Leakage detection is handled by watermarking, e.g., a unique code is embedded in each distributed copy. If that copy is later discovered in the hands of an unauthorized party, the leaker can be identified. But again it requires code modification. Watermarks can sometimes be destroyed if the data recipient is malicious. Traditionally, leakage detection is handled by watermarking, e.g, a unique code is embedded in each distributed copy. If that copy is later discovered in the hands of an unauthorized party, the leaker can be identified. Watermarks can be very useful in some cases, but again, involve some modification of the original data. Furthermore, watermarks can sometimes be destroyed if the data

recipient is malicious. In this paper, we study unobtrusive techniques for detecting leakage of a set of objects or records. Specifically, we study the following scenario: After giving a set of objects to agents, the distributor discovers some of those same objects in an unauthorized place. (For example, the data may be found on a website, or may be obtained through a legal discovery process.) At this point, the distributor can assess the likelihood that the leaked data came from one or more agents, as opposed to having been independently gathered by other means. Using an analogy

with cookies stolen from a cookie jar, if we catch Freddie with a single cookie, he can argue that a friend gave him the cookie. But if we catch Freddie with five cookies, it will be much harder for him to argue that his hands were not in the cookie jar. If the

distributor sees “enough evidence” that an agent leaked data, he may stop doing business with him, or may initiate legal proceedings. In this paper, we develop a model for assessing the “guilt” of agents. We also present algorithms for distributing objects to agents, in a way that improves our chances of identifying a leaker. Finally, we also consider the option of adding “fake” objects to the distributed set. Such objects do not correspond to real entities but appear realistic to the agents. In a sense, the fake objects act as a type of watermark for the entire set, without modifying any individual members. If it turns out that an agent was given one or more fake objects that were leaked, then the distributor can be more confident that agent was guilty.

**EXISTING SYSTEM**

Traditionally, leakage detection is handled by watermarking, e.g., a unique code is embedded in each distributed copy. If that copy is later discovered in the hands of an unauthorized party, the leaker can be identified. Watermarks can be very useful in some cases, but again, involve some modification of the original data. Furthermore, watermarks can sometimes be destroyed if the data recipient is malicious. *E.g*. A hospital may give patient records to researchers who will devise new treatments. Similarly, a company may have partnerships with other companies that require sharing customer data. Another enterprise may outsource its data processing, so

data must be given to various other companies. We call the owner of the data the distributor and the supposedly trusted third parties the agents.

**SCOPE & PURPOSE**

Data Leakage Detection: The main scope of this module is provide complete information about the data/content that is accessed by the users within the website. Forms Authentication technique is used to provide security to the website in order to prevent the leakage of the data.

**GOAL OF PURPOSED SYSTEM**

Our goal is to detect when the distributor’s sensitive data has been leaked by agents, and if possible to identify the agent that leaked the data. Perturbation is a very useful technique where the data is modified and made “less sensitive” before being handed to agents. we develop unobtrusive techniques for detecting leakage of a set of objects or records. In this section we develop a model for assessing the “guilt” of agents.

We also present algorithms for distributing objects to agents, in a way that improves our chances of identifying a leaker. Finally, we also consider the option of adding “fake” objects to the distributed set. Such objects do not correspond to real entities

but appear realistic to the agents. In a sense, the fake objects acts as a type of watermark for the entire set, without modifying any individual members. If it turns out an agent was given one or more fake objects that were leaked, then the distributor can be more confident that agent was guilty.

**PROJECT REQUIREMENTS**

**SOFTWARE**

* **Front End technology**

Html5, css3, javascript , bootstrap4.

* **Backend technology**

Php, mysql

* **OS**

Linux or window

* **Code editor**

Notepad, notepad++, sublime, visual code, atom

* **Web browser**

Google chrome, Mozilla firefox, opera

**Hardware**

* **Computer System**

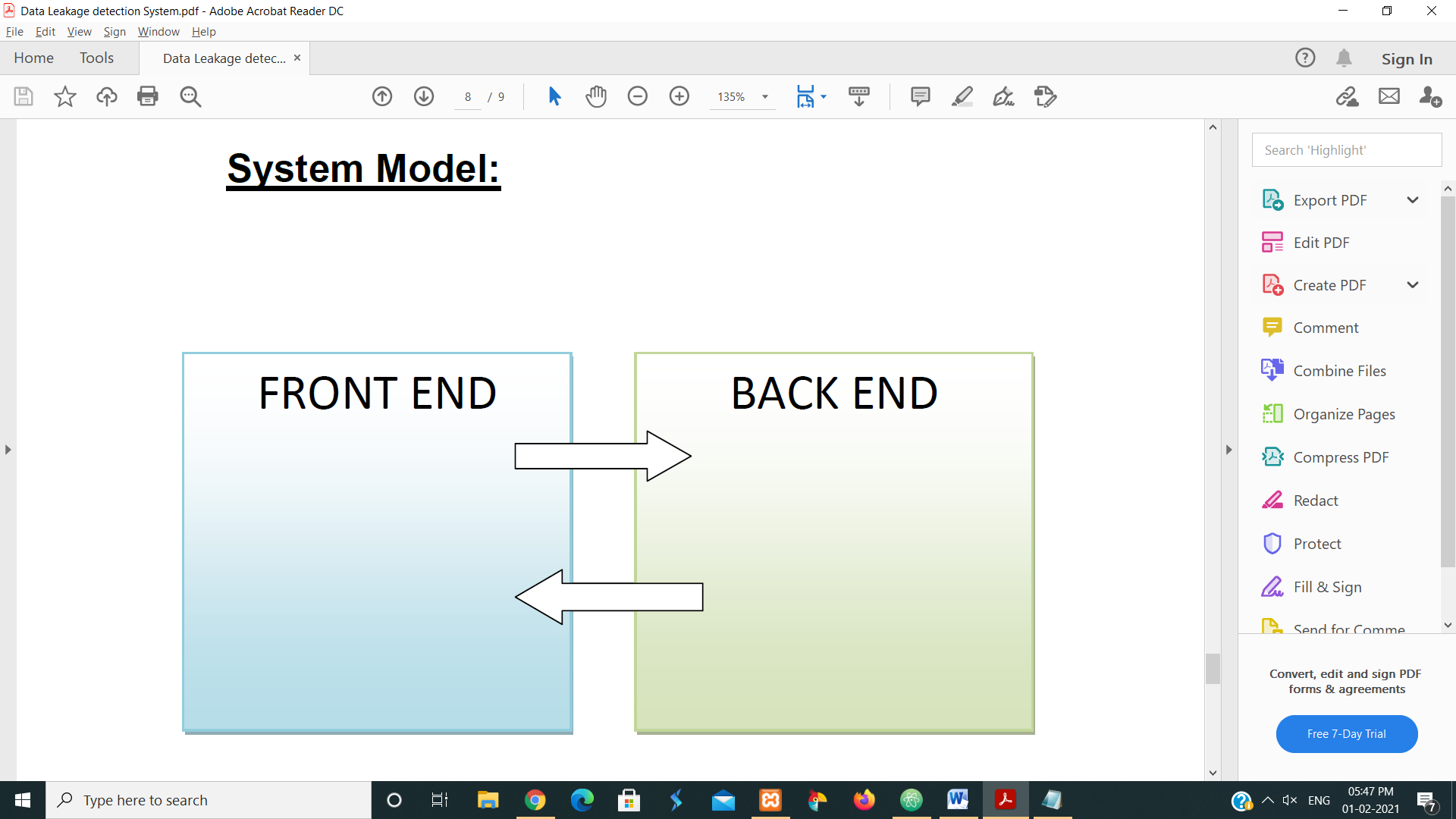
2 gb ram, 500 gb hard disk, internet

**FEASIBILITY STUDY**

In the course of doing business, sometimes sensitive data must be handed over to supposedly trusted third parties. For example, a hospital may give patient records

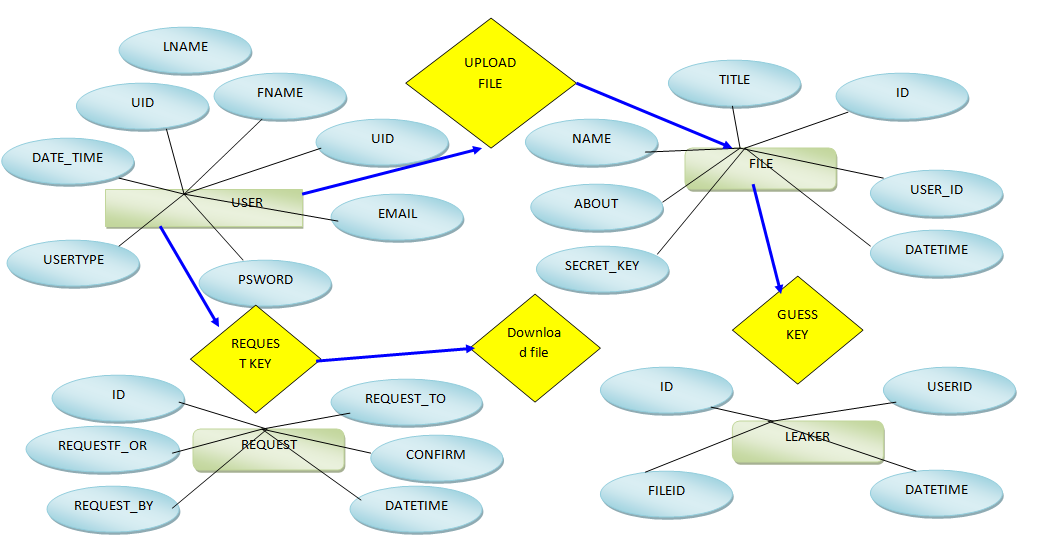
to researchers who will devise new treatments. Similarly, a company may have partnerships with other companies that require sharing customer data. Another enterprise may outsource its data processing, so data must be given to various other companies. We call the owner of the data the distributor and the supposedly trusted third parties the agents. Our goal is to detect when the distributor’s sensitive data has been leaked by agents, and if possible to identify the agent that leaked the data. We consider applications where the original sensitive data cannot be perturbed. Perturbation is a very useful technique where the data is modified and made “less sensitive” before being handed to agents. For example, one can add random noise to certain attributes, or one can replace exact values by ranges However, in some cases it is important not to alter the original distributor’s data. For example, if an outsourcer is doing our payroll, he must have the exact salary and customer bank account numbers. If medical researchers will be treating patients (as opposed to simply computing statistics), they may need accurate data for the patients. Traditionally, leakage detection is handled by watermarking, e.g., a unique code is embedded in each distributed copy. If that copy is later discovered in the hands of an unauthorized party, the leaker can be identified. Watermarks can be very useful in some cases, but again, involve some modification of the original data. Furthermore, watermarks can sometimes be destroyed if the data recipient is malicious.

**SYSTEM MODEL**

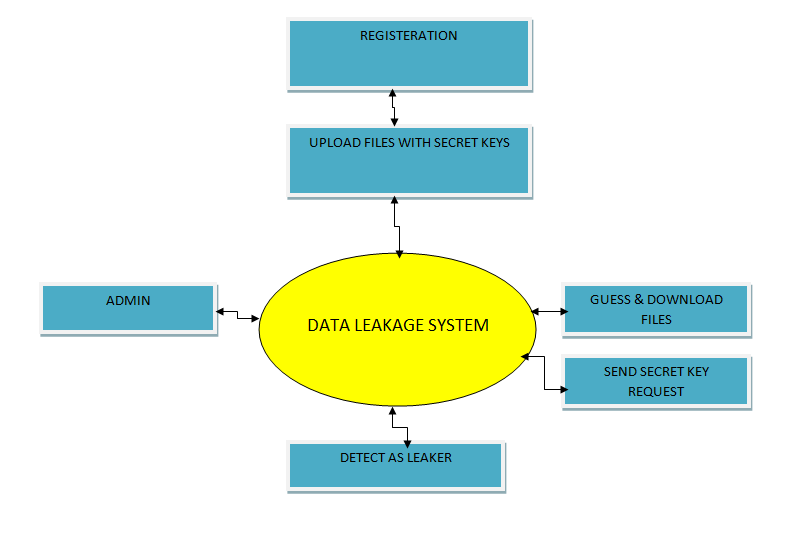


**DESIGN**

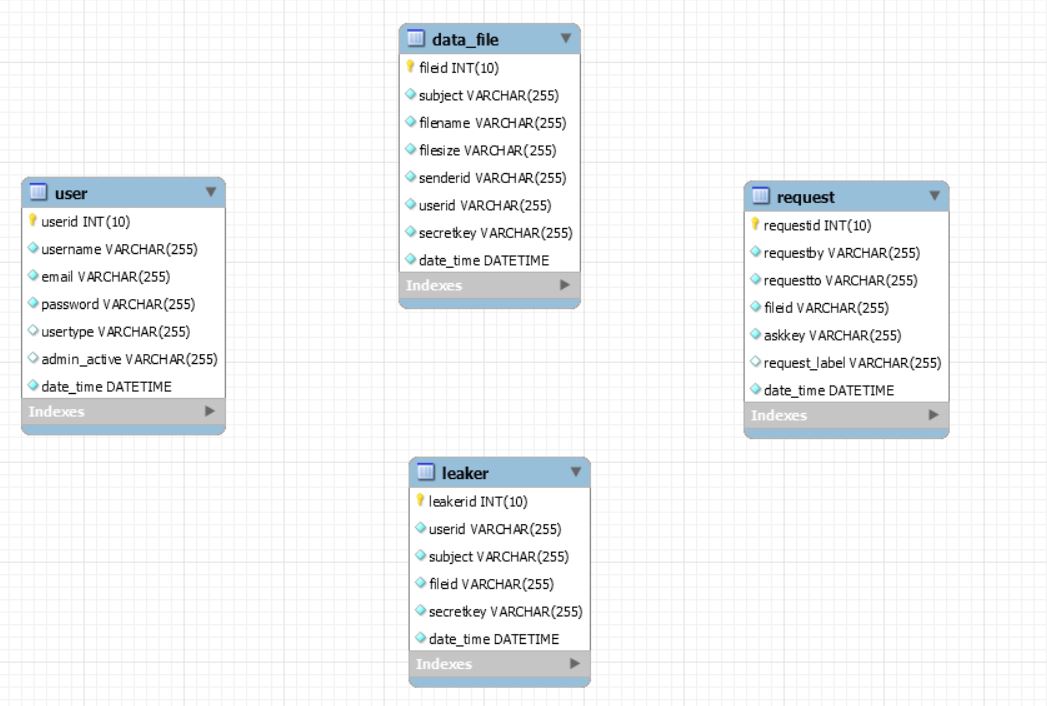
**ER DIAGRAM**

****

**DFD DIAGRAM**

****

**DATABASE**

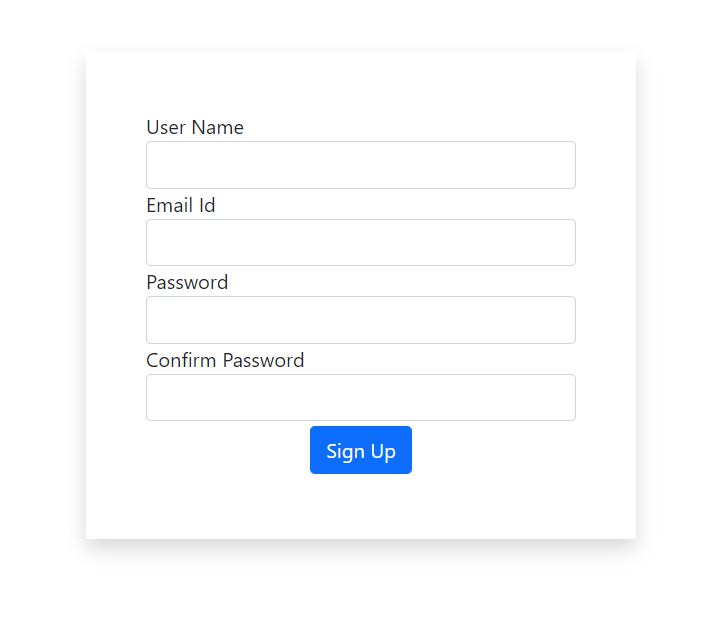
****

**DESIGN SCREENS**

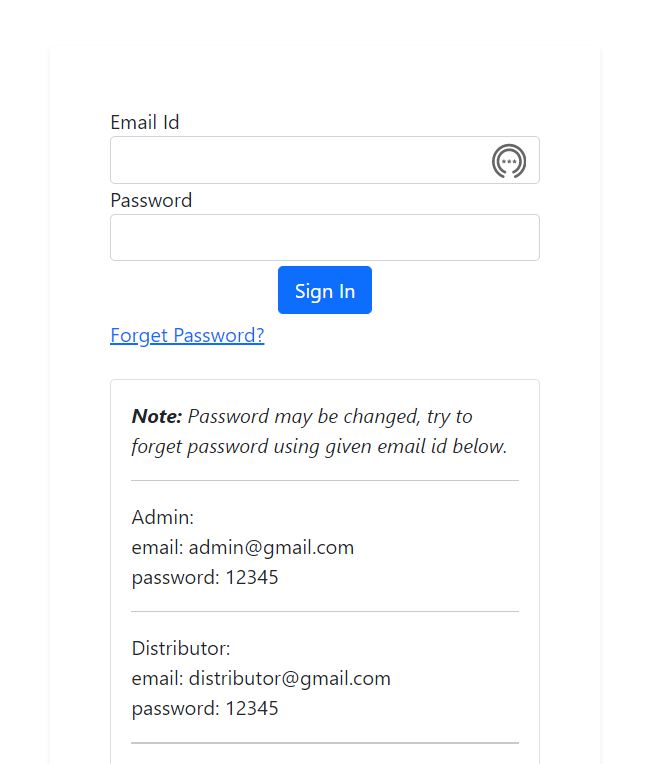
**FRONT PAGE**

****

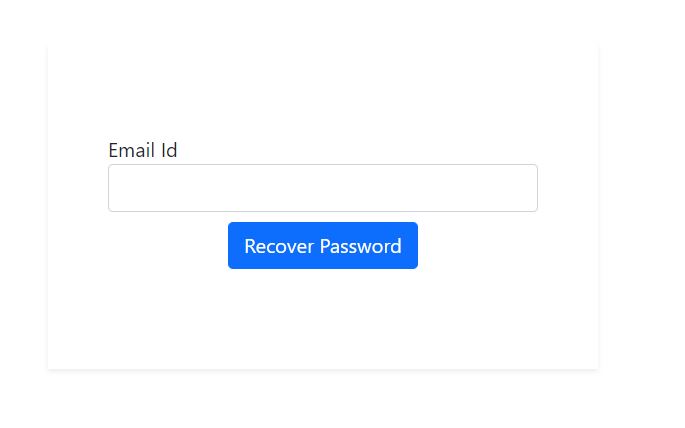
**REGISTER**

****

**LOGIN**

****

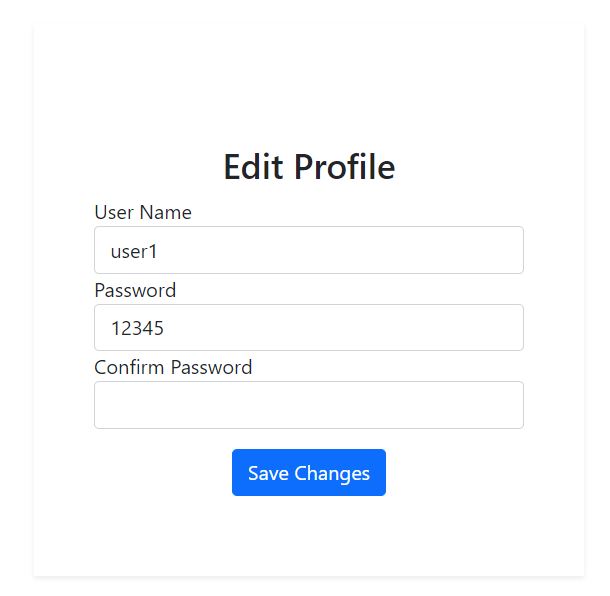
**FORGET**

****

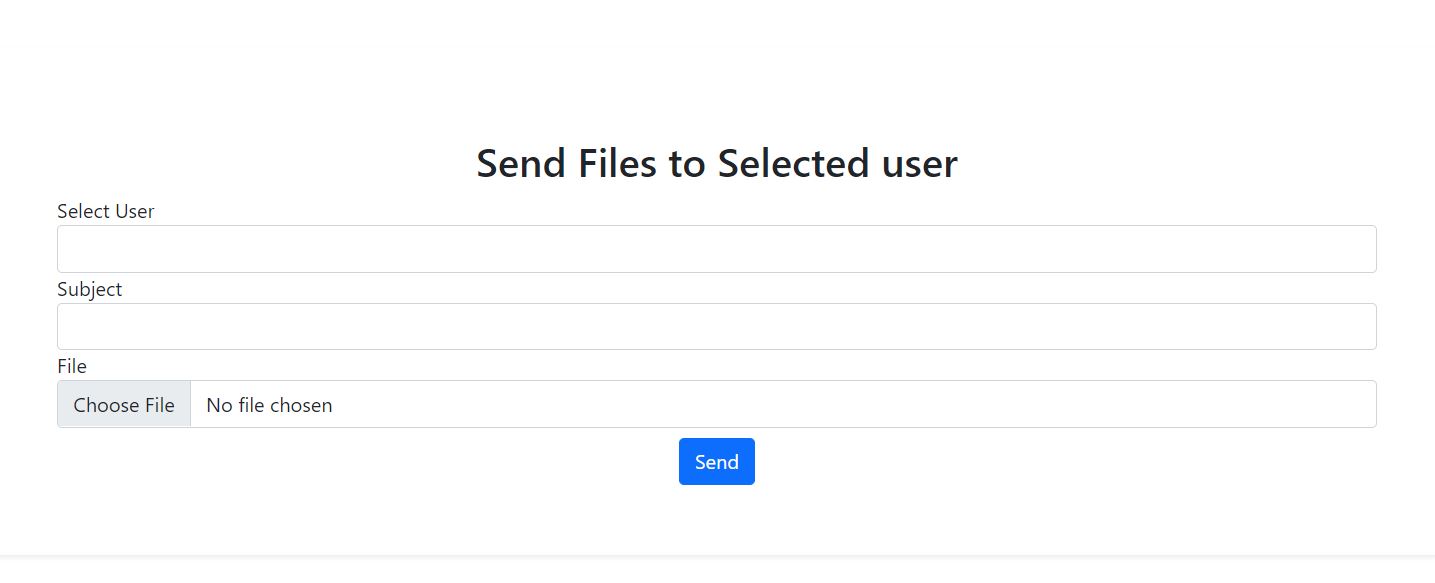
**USER DASHBOARD**

****

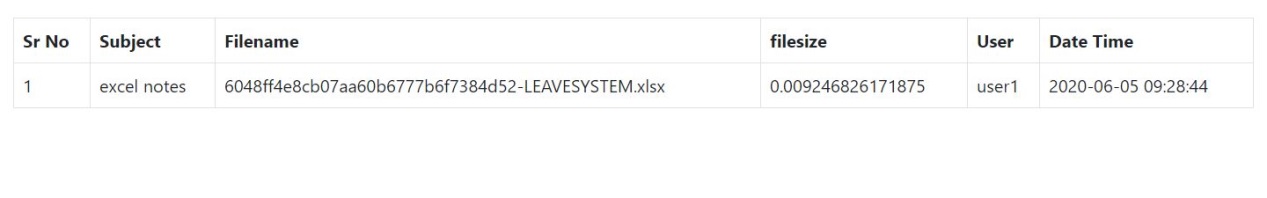
**USER EDIT PROFILES**

****

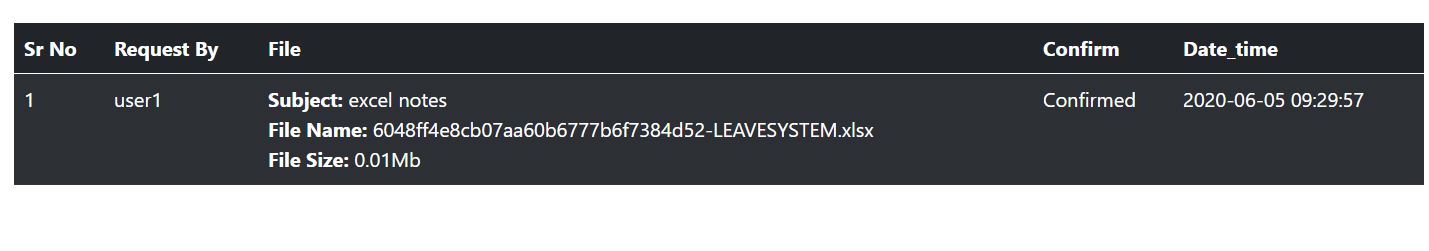
**SEND FILES FORM**

****

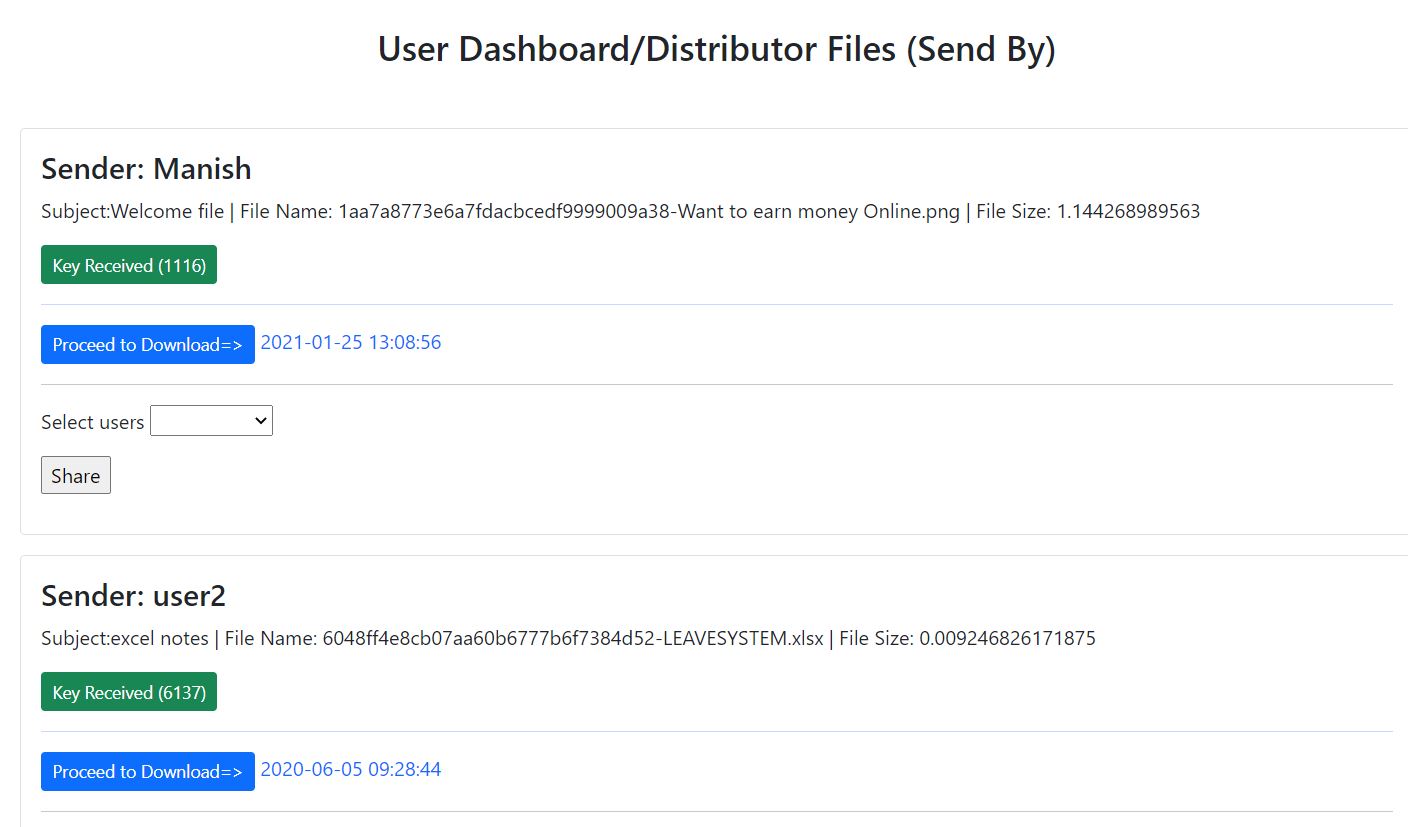
**SENT FILES LIST**

****

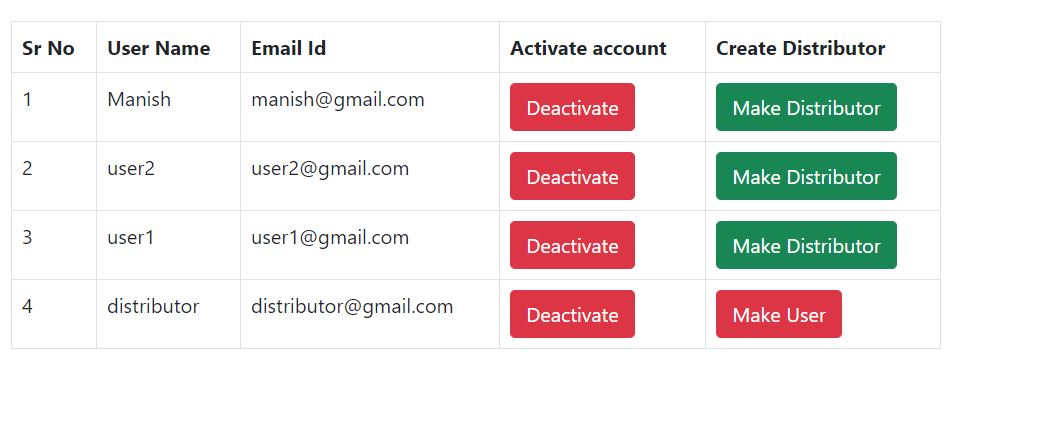
**KEY REQUEST TABLE**

****

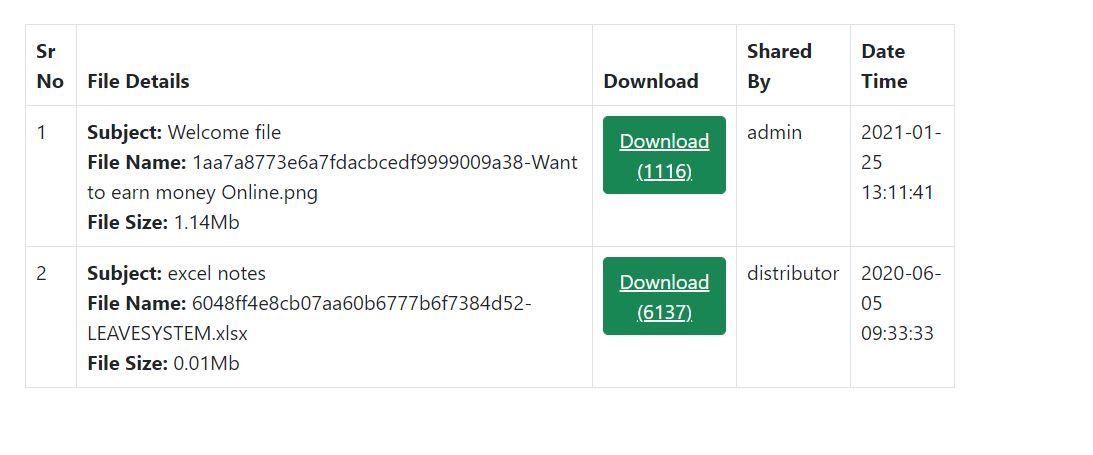
**FILES SEND BY OTHER USER**

****

**USER REGISTERATION LIST FOR ADMIN**

****

**LEAKER USERS LIST**

****

**IMPLEMETATION & RESULTS**

**INDEX .PHP**

<!DOCTYPE html>

<html>

<head>

<title>Data Leakage</title>

<?php require\_once("include.php");?>

<link rel="stylesheet" href="main.css">

<style media="screen">

.front-background{

background-image: url("assets/data-leakage-detection.jpg");

height: 100vh;

width: 100vw;

}

</style>

</head>

<body>

<?php

require\_once("index\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-12 front-background">

<h1 class="text-center text-white p-4">Data Leakage Detection System</h1>

</div>

</div>

</div>

</body>

</html>

**MAIN.CSS**

.white:link,.white:visited{

color:white;

}

.front-background{

background-image: url("../assets/data-leakage-detection.jpg") !important;

width: 100vw;

height: 100vh;

}

**NONACTIVEMENUBAR.PHP**

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">

<a class="navbar-brand" href="../index.php">Data Leakage</a>

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">

<ul class="navbar-nav mr-auto">

<li class="nav-item active">

<a class="nav-link" href="../index.php">Home</a>

</li>

</ul>

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link" href="register.php">Register</a>

</li>

<li class="nav-item">

<a class="nav-link" href="login.php">Login</a>

</li>

</ul>

</div>

</nav>

**USERMENUBAR.PHP**

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">

<a class="navbar-brand" href="../index.php">Data Leakage</a>

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">

<ul class="navbar-nav mr-auto">

<?php

if($\_SESSION['usertype']=="user"){

echo "

<li class='nav-item active'>

<a class='nav-link' href='user\_dashboard.php'>Home</a>

</li>

";

}

?>

</ul>

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link" href="../main/logout.php">Logout</a>

</li>

</ul>

</div>

</nav>

**USER\_SIDE\_MENUBAR.PHP**

<div class="list-group my-3">

<a href="../main/edit\_profile.php" class="list-group-item"><i class="fas fa-user-edit"></i> Edit Details</a>

<a href="send\_files.php" class="list-group-item"><i class="fas fa-share-square"></i> Send Files</a>

<a href="key\_request.php" class="list-group-item"><i class="fas fa-key"></i> Key Request</a>

<a href="users\_list.php" class="list-group-item"><i class="fas fa-users"></i> Sent Files(by me)</a>

<a href="distributor\_files.php" class="list-group-item"><i class="fas fa-file"></i> Files (Send by another)</a>

</div>

**INDEX\_MENUBAR.PHP**

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">

<a class="navbar-brand" href="index.php">Data Leakage</a>

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">

<ul class="navbar-nav mr-auto">

<li class="nav-item active">

<a class="nav-link" href="index.php">Home</a>

</li>

</ul>

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link" href="main/register.php">Register</a>

</li>

<li class="nav-item">

<a class="nav-link" href="main/login.php">Login</a>

</li>

</ul>

</div>

</nav>

**INCLUDE.PHP**

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-giJF6kkoqNQ00vy+HMDP7azOuL0xtbfIcaT9wjKHr8RbDVddVHyTfAAsrekwKmP1" crossorigin="anonymous">

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/js/bootstrap.bundle.min.js" integrity="sha384-ygbV9kiqUc6oa4msXn9868pTtWMgiQaeYH7/t7LECLbyPA2x65Kgf80OJFdroafW" crossorigin="anonymous"></script>

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.6.3/css/all.css" integrity="sha384-UHRtZLI+pbxtHCWp1t77Bi1L4ZtiqrqD80Kn4Z8NTSRyMA2Fd33n5dQ8lWUE00s/" crossorigin="anonymous">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<link rel="stylesheet" type="text/css" href="../main.css?<?=microtime()?>">

**DISTRIBUTOR\_SIDE\_MENUBAR.PHP**

<br>

<div class="list-group">

<a href="../main/edit\_profile.php" class="list-group-item"><i class="fas fa-user-edit"></i> Edit Details</a>

<a href="send\_files.php" class="list-group-item"><i class="fas fa-share-square"></i> Send Files</a>

<a href="key\_request.php" class="list-group-item"><i class="fas fa-key"></i> Key Request</a>

<a href="users\_list.php" class="list-group-item"><i class="fas fa-users"></i> Sent Files (by me)</a>

<a href="distributor\_files.php" class="list-group-item"><i class="fas fa-file"></i> Files(Send by another)</a>

</div>

**DISTRIBUTOR\_MENUBAR.PHP**

<nav class="navbar navbar-expand-lg navbar-light bg-light">

<a class="navbar-brand" href="../index.php">Data Leakage</a>

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">

<ul class="navbar-nav mr-auto">

<?php

if($\_SESSION['usertype']=="distributor"){

echo "

<li class='nav-item active'>

<a class='nav-link' href='distributor\_dashboard.php'>Home</a>

</li>

";

}

?>

</ul>

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link" href="../main/logout.php">Logout</a>

</li>

</ul>

</div>

</nav>

**ADMIN\_SIDEBAR.PHP**

<br>

<div class="list-group">

<a href="../main/edit\_profile.php" class="list-group-item"><i class="fas fa-user-edit"></i> Edit Details</a>

<a href="send\_files.php" class="list-group-item"><i class="fas fa-share-square"></i> Send Files</a>

<a href="key\_request.php" class="list-group-item"><i class="fas fa-key"></i> Key Request</a>

<a href="users\_list.php" class="list-group-item">Sent Files(by me)</a>

<a href="user\_request.php" class="list-group-item">User Registeration Request</a>

<a href="leakers.php" class="list-group-item">Leaker</a>

<a href="distributor\_files.php" class="list-group-item"><i class="fas fa-file"></i> Files(Send By Another)</a>

</div>

**ADMIN\_MENUBAR.PHP**

<nav class="navbar navbar-expand-lg navbar-light bg-light">

<a class="navbar-brand" href="../index.php">Data Leakage</a>

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">

<ul class="navbar-nav mr-auto">

<?php

if($\_SESSION['usertype']=="admin"){

echo "

<li class='nav-item active'>

<a class='nav-link' href='admin\_dashboard.php'>Home</a>

</li>

";

}

?>

</ul>

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link" href="../main/logout.php">Logout</a>

</li>

</ul>

</div>

</nav>

**USERS\_LIST.PHP**

<?php

session\_start();

if($\_SESSION['usertype']=="user"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>User Dashboard- Users List(Sent Files)</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../user\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../user\_side\_menubar.php");

?>

</div>

<div class="col-sm-9">

<?php

require\_once("../function/distributor\_model.php");

users\_send\_list();

?>

</div>

</div>

</div>

</body>

</html>

**USER\_DASHBOARD.PHP**

<?php

session\_start();

if($\_SESSION['usertype']=="user"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>User Dashboard</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../user\_menubar.php");

?>

<div class="container-fluid">

<div class="col-sm-3">

<?php

require\_once("../user\_side\_menubar.php");

?>

</div>

<div class="col-sm-9"></div>

</div>

</body>

</html>

**SEND\_FILES.PHP**

<?php

session\_start();

if($\_SESSION['usertype']=="user"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>User Dashboard- Send Files</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../user\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../user\_side\_menubar.php");

?>

</div>

<div class="col-sm-9 shadow-sm p-5 mt-5 bg-white">

<br>

<center><h2>Send Files to Selected user</h2></center>

<?php

require\_once("../function/distributor\_model.php");

if(isset($\_POST['send\_file'])){

$userid=$\_POST['userid'];

$senderid=$\_SESSION['userid'];

$subject=$\_POST['subject'];

$filename=$\_FILES['file']['name'];

$file\_tmpname=$\_FILES['file']['tmp\_name'];

$filesize=$\_FILES['file']['size']/(1024\*1024);

$url="../files/$filename";

$data="";

if(!empty($subject) && !empty($filename) && !empty($userid))

{

if($filesize>10){

$data.="

<div class='alert alert-warning'>

<strong>Failed:</strong>

File size must be less than 10 mb.

</div>

";

}

else{

$secretkey=mt\_rand(1000,9999);

send\_files($subject,$filename,$filesize,$senderid,$userid,$secretkey,$url,$file\_tmpname);

}

}

else{

$data.="

<div class='alert alert-warning'>

<strong>Failed:</strong>

Fill up data

</div>

";

}

echo $data;

}

?>

<form action="send\_files.php" method="post" enctype="multipart/form-data">

<div class="form-group">

<label for="user">Select User</label>

<?php get\_user();?>

</div>

<div class="form-group">

<label for="subject">Subject</label>

<input type="text" name="subject" class="form-control">

</div>

<div class="form-group">

<label for="file">File</label>

<input type="file" name="file" class="form-control">

</div>

<div class="form-group">

<center><input type="submit" name="send\_file" value="Send" class="my-2 btn btn-primary"></center>

</div>

</form>

</div>

</div>

</div>

</body>

</html>

**LEAKAGE\_FILES.PHP FOR USER**

<?php

session\_start();

?>

<!DOCTYPE html>

<html>

<head>

<title>User Dashboard- Leakage Files</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../user\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../user\_side\_menubar.php");

?>

</div>

<div class="col-sm-6">

<?php

require\_once("../function/user\_model.php");

leakage\_file();

?>

</div>

<div class="col-sm-3"></div>

</div>

</div>

</body>

</html>

**KEY\_REQUEST.PHP FOR USER**

<?php

session\_start();

if($\_SESSION['usertype']=="user"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>User Dashboard- Key Request</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../user\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../user\_side\_menubar.php");

?>

</div>

<div class="col-sm-9">

<?php

require\_once("../function/distributor\_model.php");

if(isset($\_POST['share\_key'])){

$fileid=$\_POST['fileid'];

share\_key($fileid);

}

if(isset($\_POST['decline'])){

$fileid=$\_POST["fileid"];

$requestby=$\_POST["requestby"];

decline($fileid,$requestby);

}

key\_request();

?>

</div>

</div>

</div>

</body>

</html>

**DISTRIBUTORS FILES**

<?php

session\_start();

if($\_SESSION['usertype']=="user"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>User Dashboard- Distributor Files (Send By)</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../user\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../user\_side\_menubar.php");

?>

</div>

<div class="col-sm-9">

<br>

<center><h3>User Dashboard/Distributor Files (Send By)</h3></center>

<?php

require\_once("../function/user\_model.php");

if(isset($\_POST['send\_request'])){

$requestby=$\_POST['requestby'];

$requestto=$\_POST['requestto'];

$fileid=$\_POST['fileid'];

$askkey=$\_POST['askkey'];

$request\_label=$\_POST['request\_label'];

$date\_time=date("Y-m-d H:i:s");

send\_request($requestby,$requestto,$fileid,$askkey,$request\_label,$date\_time);

}

if(isset($\_POST['share'])){

$fileid=$\_POST['fileid'];

$userid=$\_POST['userid'];

$secretkey=$\_POST['secretkey'];

$subject=$\_POST['subject'];

$date\_time=date("Y-m-d H:i:s");

share\_file($userid,$subject,$fileid,$secretkey,$date\_time);

}

if(isset($\_POST['share\_others'])){

$userid=$\_POST["userid"];

$fileid=$\_POST["fileid"];

if(!empty($userid)){

share\_with\_others($userid,$fileid);

}

else{

echo "<div class='alert alert-danger'>please select user</div>";

}

}

$userid=$\_SESSION['userid'];

get\_distributor\_send\_files($userid);

?>

</div>

</div>

</div>

</body>

</html>

**STARTER.SQL**

INSERT INTO user(username,email,password,usertype,admin\_active,date\_time)VALUES

("admin","admin@gmail.com","12345","admin","1","2019-01-02");

**SETUP.SQL**

/\*

user:

userid

username

email

password

usertype admin, user , distributor

admin\_active

date\_time

data\_file:

fileid

subject

filename

filesize

senderid (sender)

userid (receiver)

secretkey (key to download file)

date\_time

request:

requestid

requestby (userid)

requestto (senderid which send files)

fileid (for which secret key ask)

askkey

request\_label (1- request send, 2- request confirm)

date\_time

leaker:

leakerid

userid (user which will leak a file)

subject

fileid

secretkey

date\_time

\*/

CREATE TABLE IF NOT EXISTS user(

userid INT(10) AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(255) NOT NULL,

email VARCHAR(255) NOT NULL,

password VARCHAR(255) NOT NULL,

usertype VARCHAR(255) DEFAULT 'user',

admin\_active VARCHAR(255) DEFAULT '0',

date\_time DATETIME NOT NULL

);

CREATE TABLE IF NOT EXISTS data\_file(

fileid INT(10) AUTO\_INCREMENT PRIMARY KEY,

subject VARCHAR(255) NOT NULL,

filename VARCHAR(255) NOT NULL,

filesize VARCHAR(255) NOT NULL,

senderid VARCHAR(255) NOT NULL,

userid VARCHAR(255) NOT NULL,

secretkey VARCHAR(255) NOT NULL,

date\_time DATETIME NOT NULL

);

CREATE TABLE IF NOT EXISTS request(

requestid INT(10) AUTO\_INCREMENT PRIMARY KEY,

requestby VARCHAR(255) NOT NULL,

requestto VARCHAR(255) NOT NULL,

fileid VARCHAR(255) NOT NULL,

askkey VARCHAR(255) NOT NULL,

request\_label VARCHAR(255) DEFAULT '0',

date\_time DATETIME NOT NULL

);

CREATE TABLE IF NOT EXISTS leaker(

leakerid INT(10) AUTO\_INCREMENT PRIMARY KEY,

userid VARCHAR(255) NOT NULL,

subject VARCHAR(255) NOT NULL,

fileid VARCHAR(255) NOT NULL,

secretkey VARCHAR(255) NOT NULL,

date\_time DATETIME NOT NULL

);

**REGISTER.PHP**

<!DOCTYPE html>

<html>

<head>

<title>Register</title>

<?php require\_once("../include.php");?>

</head>

<body class="front-background">

<?php require\_once("../nonactive\_menubar.php");?>

<div class="container">

<div class="row">

<div class="col-sm-4"></div>

<div class="col-sm-4 shadow p-5 mt-5 bg-white">

<?php

require\_once("../function/model.php");

if(isset($\_POST['register'])){

$username=$\_POST['username'];

$email=$\_POST['email'];

$password=$\_POST['password'];

$cpassword=$\_POST['cpassword'];

$data="<br>";

if(!empty($username) && !empty($email) && !empty($password) && !empty($cpassword)){

if($password==$cpassword){

register($username,$email,$password);

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

Password and confirm password are not matched.

</div>

";

}

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

Please fill up data.

</div>

";

}

echo $data;

}

?>

<form action="register.php" method="post">

<div class="form-group">

<label for="username">User Name</label>

<input type="text" name="username" class="form-control">

</div>

<div class="form-group">

<label for="email">Email Id</label>

<input type="text" name="email" class="form-control">

</div>

<div class="form-group">

<label for="password">Password</label>

<input type="text" name="password" class="form-control">

</div>

<div class="form-group">

<label for="cpassword">Confirm Password</label>

<input type="text" name="cpassword" class="form-control">

</div>

<div class="form-group text-center">

<input type="submit" name="register" value="Sign Up" class="btn btn-primary my-1">

</div>

</form>

</div>

<div class="col-sm-4"></div>

</div>

</div>

</body>

</html>

**PROCESS.PHP**

<?php

session\_start();

?>

<!DOCTYPE html>

<html>

<head>

<title>User Dashboard</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../user\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

</div>

<div class="col-sm-6"><br>

<?php

require\_once("../function/user\_model.php");

if(isset($\_POST['download'])){

$data="<br>";

$fileid=$\_POST['fileid'];

$secretkey=$\_POST['secretkey'];

if(!empty($fileid) && !empty($secretkey)){

$x=proceed\_download($fileid,$secretkey);

}

else{

$data.="<div class='alert alert-danger'>

<strong>Failed:</strong>

Fill up data

</div>

";

}

echo $data;

}

?>

<form action="process.php?fileid=<?php echo $\_GET['fileid'];?>" method="post">

<div class="form-group">

<label for="secretkey">Enter Secret key to download File</label>

<input type='hidden' name='fileid' value="<?php if(isset($\_GET['fileid'])){echo $\_GET['fileid'];}?>">

<input type="text" name="secretkey" value="" class="form-control">

</div>

<div class="form-group">

<input type="submit" name="download" value='Download' class='btn btn-primary'>

</div>

</form>

</div>

<div class="col-sm-3"></div>

</div>

</div>

</body>

</html>

**LOGOUT.PHP**

<?php

session\_start();

session\_destroy();

$url="../index.php";

header("Location:$url");

exit();

?>

**LOGIN.PHP**

<!DOCTYPE html>

<html>

<head>

<title>Login</title>

<?php require\_once("../include.php");?>

</head>

<body class="front-background">

<?php require\_once("../nonactive\_menubar.php");?>

<div class="container">

<div class="row">

<div class="col-sm-4"></div>

<div class="col-sm-4 shadow-sm p-5 mt-5 bg-white">

<?php

require\_once("../function/model.php");

if(isset($\_POST['login'])){

$email=$\_POST['email'];

$password=$\_POST['password'];

$data="<br>";

if(!empty($email) && !empty($password)){

login($email,$password);

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

Please fill up data

</div>

";

}

echo $data;

}

?>

<form action="login.php" method="post">

<div class="form-group">

<label for="email">Email Id</label>

<input type="text" name="email" class="form-control">

</div>

<div class="form-group">

<label for="password">Password</label>

<input type="text" name="password" class="form-control">

</div>

<div class="form-group">

<center>

<input type="submit" name="login" value="Sign In" class="btn btn-primary my-1">

</center>

<a href="forget.php">Forget Password?</a>

</div>

</form>

<br>

<div class="card">

<div class="card-body">

<i><b>Note:</b> Password may be changed, try to forget password using given email id below.</i><hr color="red">

Admin: <br>

email: admin@gmail.com <br>

password: 12345 <hr color="red">

Distributor: <br>

email: distributor@gmail.com <br>

password: 12345 <hr color="red">

User: <br>

<strong>user1</strong><br>

email: user1@gmail.com <br>

password: 12345 <br>

<strong>user2</strong><br>

email: user2@gmail.com <br>

password: 12345

</div></div>

</div>

<div class="col-sm-4"></div>

</div>

</div>

</body>

</html>

**FORGET.PHP**

<!DOCTYPE html>

<html>

<head>

<title>Forget Password</title>

<?php require\_once("../include.php");?>

</head>

<body>

<?php require\_once("../nonactive\_menubar.php");?>

<div class="container">

<div class="row">

<div class="col-sm-4"></div>

<div class="col-sm-4 shadow-sm p-5 mt-5 bg-white">

<?php

require\_once("../function/model.php");

if(isset($\_POST['forget'])){

$email=$\_POST['email'];

$data="<br>";

if(!empty($email)){

forget\_password($email);

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

Please fill up data

</div>

";

}

echo $data;

}

?>

<br>

<form action="forget.php" method="post">

<div class="form-group">

<label for="email">Email Id</label>

<input type="text" name="email" class="form-control">

</div>

<div class="form-group">

<center>

<input type="submit" name="forget" value="Recover Password" class="btn btn-primary my-2">

</center>

</div>

</form>

<br>

</div>

<div class="col-sm-4"></div>

</div>

</div>

</body>

</html>

**EDIT\_PROFILE.PHP**

<?php

session\_start();

?>

<!DOCTYPE html>

<html>

<head>

<title>Edit Profile</title>

<?php require\_once("../include.php");?>

</head>

<body>

<?php require\_once("../nonactive\_menubar.php");?>

<div class="container">

<div class="row">

<div class="col-sm-4"></div>

<div class="col-sm-4 shadow-sm p-5 mt-5 bg-white">

<?php

require\_once("../function/model.php");

if(isset($\_POST['edit\_profile'])){

$userid=$\_POST['userid'];

$username=$\_POST['username'];

$password=$\_POST['password'];

$cpassword=$\_POST['cpassword'];

$data="<br>";

if(!empty($username) && !empty($password) && !empty($cpassword)){

if($password ==$cpassword){

save\_changes($userid,$username,$password);

}

else{

$data.="<div class='alert alert-danger'>

<strong>Failed:</strong>

Password and confirm password are not same.

</div>

";

}

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

Fill up data.

</div>

";

}

echo $data;

}

get\_profile($\_SESSION['userid']);

?>

</div>

<div class="col-sm-4"></div>

</div>

</div>

</body>

</html>

**DOWNLOAD.PHP**

<?php

$filename = $\_GET["file"];

$contenttype = "application/force-download";

header("Content-Type: " . $contenttype);

header("Content-Disposition: attachment; filename=\"" .$filename. "\";");

readfile("../files/".$filename);

exit();

?>

**USER\_MODEL.PHP**

<?php

require\_once("../function/connect.php");

$conn=connect();

function get\_distributor\_send\_files($userid){

$data="<br>";

global $conn;

$sql="SELECT \* FROM data\_file WHERE userid='$userid' ORDER BY fileid DESC";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

$n=0;

while($rows=mysqli\_fetch\_array($result)){

$n++;

$fileid=$rows['fileid'];

$subject=$rows['subject'];

$filename=$rows['filename'];

$filesize=$rows['filesize'];

$senderid=$rows['senderid'];

$userid=$rows['userid'];

$secretkey=$rows['secretkey'];

$date\_time=$rows['date\_time'];

$secretdata=check\_request($fileid,$userid,$senderid,$secretkey);

$sendername=getsendername($senderid);

$users\_list=users\_list($senderid);

$data.="

<div class='card my-3'>

<div class='card-body'>

<h4 class='card-title'>Sender: $sendername</h4>

<p class='card-text'>Subject:$subject | File Name: $filename | File Size: $filesize</p>

<a href='#' class='card-link text-decoration-none'>$secretdata</a>

<a href='#' class='card-link text-decoration-none'>$date\_time</a> <hr>

<form action='distributor\_files.php' method='post'>

<input type='hidden' name='fileid' value='$fileid'>

<p>

<label for='users'>Select users</label>

$users\_list

</p>

<p>

<input type='submit' name='share\_others' value='Share'>

</p>

</form>

</div>

</div>

";

}

$data.="<hr>";

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

No file found

</div>

";

}

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

echo $data;

}

function users\_list($senderid){

$data="";

global $conn;

$myid=$\_SESSION['userid'];

$sql="SELECT \* FROM user WHERE userid!='$myid' AND userid!='$senderid'";

$result=mysqli\_query($conn,$sql);

if($result){

$data.="<select name='userid'><option></option>";

while($rows=mysqli\_fetch\_array($result)){

$userid=$rows["userid"];

$username=$rows["username"];

$data.="<option value='$userid'>$username</option>";

}

$data.="</select>";

}

else{

}

return $data;

}

function share\_others($fileid,$userid){

$data="asdfasdf";

$filedata=get\_file\_data($fileid);

$subject=$filedata["subject"];

$filename=$filedata["filename"];

$filesize=$filedata["filesize"];

$senderid=$filedata["senderid"];

$userid=$\_SESSION["userid"];

$secretkey=$filedata["secretkey"];

$data.="$secretkey";

echo $data;

}

function get\_file\_data($fileid){

$data="";

global $conn;

$sql="SELECT \* FROM data\_file WHERE fileid='$fileid'";

$result=mysqli\_query($conn,$sql);

if($result){

$rows=mysqli\_fetch\_array($result);

$data=$rows;

}

else{

}

return $data;

}

function check\_request($fileid,$userid,$senderid,$secretkey){

$data="";

global $conn;

$sql="SELECT \* FROM request WHERE fileid='$fileid' AND requestby='$userid' AND requestto='$senderid'";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

while($rows=mysqli\_fetch\_array($result)){

$request\_label=$rows['request\_label'];

$askkey=$rows['askkey'];

if($request\_label=="0"){

$data.="

<form action='distributor\_files.php' method='post'>

<input type='hidden' name='requestby' value='$userid'>

<input type='hidden' name='requestto' value='$senderid'>

<input type='hidden' name='fileid' value='$fileid'>

<input type='hidden' name='askkey' value='$secretkey'>

<input type='hidden' name='request\_label' value='1'>

<input type='submit' name='send\_request' value='Send Request' class='btn btn-primary btn-sm'>

</form>

<hr/>

<a href='../main/process.php?fileid=$fileid'>

<button class='btn btn-primary btn-sm'>Proceed to Download=></button></a>

";

}

else if($request\_label=="1"){

$data.="<button type='button' class='btn btn-warning btn-sm'>Pending</button>

<hr/>

<a href='../main/process.php?fileid=$fileid'>

<button class='btn btn-primary btn-sm'>Proceed to Download=></button></a>

";

}

else if($request\_label==="2"){

$data.="

<button type='button' class='btn btn-success btn-sm'>Key Received ($askkey)</button>

<hr/>

<a href='../main/process.php?fileid=$fileid'>

<button class='btn btn-primary btn-sm'>Proceed to Download=></button></a>

";

}

else if($request\_label==="3"){

$data.="

<button class='btn btn-danger'> Cancelled</button>

";

}

}

}

else{

$data.="

<form action='distributor\_files.php' method='post'>

<input type='hidden' name='requestby' value='$userid'>

<input type='hidden' name='requestto' value='$senderid'>

<input type='hidden' name='fileid' value='$fileid'>

<input type='hidden' name='askkey' value='$secretkey'>

<input type='hidden' name='request\_label' value='1'>

<input type='submit' name='send\_request' value='Send Request' class='btn btn-primary btn-sm'>

</form>

<br>

<a href='../main/process.php?fileid=$fileid'>

<button class='btn btn-primary btn-sm'>Proceed to Download=></button></a>

";

}

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

return $data;

}

function getsendername($senderid){

global $conn;

$data="";

$sql="SELECT \* FROM user WHERE userid='$senderid' LIMIT 1";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

while($rows=mysqli\_fetch\_array($result)){

$username=$rows['username'];

$data.="$username";

}

}

else{

$data.="not found";

}

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

return $data;

}

function send\_request($requestby,$requestto,$fileid,$askkey,$request\_label,$date\_time){

global $conn;

$data="<br>";

$sql="SELECT \* FROM request WHERE fileid='$fileid' AND requestby='$requestby'";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

Request Already send.

</div>

";

}

else{

$sql1="INSERT INTO request(requestby,requestto,fileid,askkey,request\_label,date\_time)VALUES(

'$requestby','$requestto','$fileid','$askkey','$request\_label','$date\_time'

)";

$result1=mysqli\_query($conn,$sql1);

if($result1){

$data.="

<div class='alert alert-success'>

<strong>Success:</strong>

Successfully secretkey request send.

</div>

";

}

else{

$error=mysqli\_error($conn);

$data.="<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

}

}

else{

$error=mysqli\_error($conn);

$data.="<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

echo $data;

}

function share\_file($userid,$subject,$fileid,$secretkey,$date\_time){

global $conn;

$data="<br>";

$sql1="INSERT INTO leaker(userid,subject,fileid,secretkey,date\_time)VALUES(

'$userid','$subject','$fileid','$secretkey','$date\_time'

)";

$result1=mysqli\_query($conn,$sql1);

if($result1){

$data.="

<div class='alert alert-success'>

<strong>Success:</strong>

Successfully file shared.

</div>

";

}

else{

$error=mysqli\_error($conn);

$data.="<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

echo $data;

}

function proceed\_download($fileid,$secretkey){

global $conn;

$data="";

$sql="SELECT \* FROM data\_file WHERE fileid='$fileid' AND secretkey='$secretkey' LIMIT 1";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

while($rows=mysqli\_fetch\_array($result)){

$filename=$rows['filename'];

$subject=$rows['subject'];

$userid=$\_SESSION['userid'];

$date\_time=date("Y-m-d H:i:s");

isleaker($userid,$subject,$fileid,$secretkey,$date\_time);

$url="download.php?file=$filename";

header("Location:$url");

exit();

}

}

else{

$data.="<div class='alert alert-danger'>

<strong>Failed:</strong>

Invalid secret key.

</div>

";

}

}

else{

$error=mysqli\_error($conn);

$data.="<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

echo $data;

}

function isleaker($userid,$subject,$fileid,$secretkey,$date\_time)

{

global $conn;

$data="";

$sql="SELECT \* FROM request WHERE fileid='$fileid' AND requestby='$userid'";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

}

else{

$sql2="SELECT \* FROM leaker WHERE userid='$userid' AND fileid='$fileid' AND secretkey='$secretkey'";

$result2=mysqli\_query($conn,$sql2);

if($result2){

if(mysqli\_num\_rows($result2)>0){

}

else{

$sql1="INSERT INTO leaker(userid,subject,fileid,secretkey,date\_time)VALUES('$userid','$subject','$fileid','$secretkey','$date\_time')";

$result1=mysqli\_query($conn,$sql1);

if($result1){

}

else{

$error=mysqli\_error($conn);

$data.="<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

}

}

else{

$error=mysqli\_error($conn);

$data.="<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

}

}

else{

$error=mysqli\_error($conn);

$data.="<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

echo $data;

}

function leakage\_file(){

$data="<br>";

global $conn;

$sql="SELECT \* FROM leaker ORDER BY leakerid DESC";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

$data.="<table class='table table-bordered'>

<thead>

<tr>

<th>Sr No</th>

<th>File Details</th>

<th>Download</th>

<th>Shared By</th>

<th>Date Time</th>

</tr>

</thead>

";

$n=0;

while($rows=mysqli\_fetch\_array($result)){

$n++;

$userid=$rows['userid'];

$subject=$rows['subject'];

$fileid=$rows['fileid'];

$secretkey=$rows['secretkey'];

$date\_time=$rows['date\_time'];

$user=getsendername($userid);

$file\_detail=getfiledetail($fileid);

$download="<a href='../main/process.php?fileid=$fileid' class='white'>

<button type='button' class='btn btn-success'>

Download ($secretkey)

</a>";

$data.="

<tr>

<td>$n</td>

<td>$file\_detail</td>

<td>$download</td>

<td>$user</td>

<td>$date\_time</td>

</tr>

";

}

$data.="</tbody></table>";

}

else{

$data.="<div class='alert alert-danger'>

<strong>Failed:</strong>

Not found

</div>

";

}

}

else{

$error=mysqli\_error($conn);

$data.="<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

echo $data;

}

function getfiledetail($fileid){

global $conn;

$data="";

$sql="SELECT \* FROM data\_file WHERE fileid='$fileid' LIMIT 1";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

while($rows=mysqli\_fetch\_array($result)){

$subject=$rows['subject'];

$filename=$rows['filename'];

$f=$rows['filesize'];

$filesize=round($rows['filesize'],2)."Mb";

if($filesize==0){

$filesize=round(($f\*1024),3)."Kb";

}

$data.="

<strong>Subject:</strong> $subject <br>

<strong>File Name:</strong> $filename <br>

<strong>File Size:</strong> $filesize

";

}

}

else{

$data.="not found";

}

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

return $data;

}

function share\_with\_others($userid,$fileid)

{

$data="";

global $conn;

$filedata=filedata($fileid);

$subject=$filedata["subject"];

$filename=$filedata['filename'];

$filesize=$filedata['filesize'];

$senderid=$\_SESSION['userid'];

$user\_id=$userid;

$secretkey=$filedata["secretkey"];

$date\_time=date("Y-m-d H:i:s");

$sql1="SELECT \* FROM data\_file WHERE userid='$user\_id' AND senderid='$senderid'";

$result1=mysqli\_query($conn,$sql1);

if($result1){

if(mysqli\_num\_rows($result1)>0){

$data.="Already shared";

}

else{

$sql="INSERT INTO data\_file(subject,filename,filesize,senderid,userid,secretkey,date\_time)VALUES('$subject','$filename','$filesize','$senderid','$user\_id','$secretkey','$date\_time')";

$result=mysqli\_query($conn,$sql);

if($result){

echo "<div class='alert alert-primary'>Successfully shared</div>";

}

else{

}

}

}

else{

}

echo $data;

}

function filedata($fileid){

$data="";

global $conn;

$sql="SELECT \* FROM data\_file WHERE fileid='$fileid' LIMIT 1";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

$rows=mysqli\_fetch\_array($result);

}

$data=$rows;

}

else{

}

return $data;

}

?>

**MODEL.PHP**

<?php

require\_once("connect.php");

$conn=connect();

function register($username,$email,$password){

global $conn;

$data="<br>";

$sql="SELECT \* FROM user WHERE email='$email'";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

$data.="

<div class='alert alert-info'>

<strong>Failed:</strong>

This email id already exist.

</div>

";

}

else{

$date\_time=date("Y-m-d");

$sql1="INSERT INTO user(username,email,password,date\_time)VALUES('$username','$email','$password','$date\_time')";

$result1=mysqli\_query($conn,$sql1);

if($result1){

$data.="

<div class='alert alert-success'>

<strong>Success:</strong>

Successfully Registered.

</div>

";

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror

</div>

";

}

}

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror

</div>

";

}

echo $data;

}

function login($email,$password){

global $conn;

$data="<br>";

$sql="SELECT \* FROM user WHERE email='$email' AND password='$password'";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

while($rows=mysqli\_fetch\_array($result)){

$userid=$rows['userid'];

$username=$rows['username'];

$usertype=$rows['usertype'];

$admin\_active=$rows['admin\_active'];

if($admin\_active=="0"){

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

You registeration in review to admin. it will activated by admin very soon.

</div>

";

}

else if($admin\_active=="1"){

session\_start();

$\_SESSION['usertype']=$usertype;

$\_SESSION['userid']=$userid;

if($usertype=="user"){

$url="../user/user\_dashboard.php";

}

else if($usertype=="admin"){

$url="../admin/admin\_dashboard.php";

}

else if($usertype=="distributor"){

$url="../distributor/distributor\_dashboard.php";

}

header("Location:$url");

exit();

}

}

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

This email id not registered yet.

</div>

";

}

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

echo $data;

}

function forget\_password($email){

global $conn;

$data="<br>";

$sql="SELECT \* FROM user WHERE email='$email' LIMIT 1";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

while($rows=mysqli\_fetch\_array($result)){

$password=$rows['password'];

$data.="

<div class='alert alert-success'>

<strong>Password Recovered Successfully:</strong>

$password

</div>

";

}

}

else{

$data.="

<div class='alert alert-info'>

<strong>Failed:</strong>

Invalid email id.

</div>

";

}

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

echo $data;

}

function get\_profile($userid){

global $conn;

$data="<br>";

$sql="SELECT \* FROM user WHERE userid='$userid' LIMIT 1";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

while($rows=mysqli\_fetch\_array($result)){

$userid=$rows['userid'];

$username=$rows['username'];

$password=$rows['password'];

}

$data.="

<br>

<center><h3>Edit Profile</h3></center>

<form action='edit\_profile.php' method='post'>

<div class='form-group'>

<input type='hidden' name='userid' value='$userid'>

<label for='username'>User Name</label>

<input type='text' name='username' class='form-control' value='$username'>

</div>

<div class='form-group'>

<label for='password'>Password</label>

<input type='text' name='password' class='form-control' value='$password'>

</div>

<div class='form-group'>

<label for='cpassword'>Confirm Password</label>

<input type='text' name='cpassword' class='form-control'>

</div>

<div class='form-group'>

<center><input type='submit' name='edit\_profile' value='Save Changes' class='btn btn-primary my-3'></center>

</div>

</form>

";

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

No record found

</div>

";

}

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

echo $data;

}

function save\_changes($userid,$username,$password){

global $conn;

$data="<br>";

$sql="UPDATE user SET username='$username',password='$password' WHERE userid='$userid' LIMIT 1";

$result=mysqli\_query($conn,$sql);

if($result){

$data.="

<div class='alert alert-success'>

<strong>Success:</strong>

Successfully updated.

</div>

";

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

echo $data;

}

?>

**DISTRIBUTOR\_MODEL.PHP**

<?php

require\_once("../function/connect.php");

$conn=connect();

function send\_files($subject,$filename,$filesize,$senderid,$userid,$secretkey,$url,$file\_tmpname){

$filename=md5(mt\_rand(1,10000))."-".$filename;

$url="../files/$filename";

$date\_time=date("Y-m-d H:i:s");

global $conn;

$data="<br>";

$sql="INSERT INTO data\_file(

subject,

filename,

filesize,

senderid,

userid,

secretkey,

date\_time

)VALUES

(

'$subject',

'$filename',

'$filesize',

'$senderid',

'$userid',

'$secretkey',

'$date\_time'

)

";

$result=mysqli\_query($conn,$sql);

if($result){

if(move\_uploaded\_file($file\_tmpname,$url)){

$data.="

<div class='alert alert-success'>

<strong>Success:</strong>

File Successfully send.

</div>

";

}

else{

$sql1="DELETE FROM send\_files WHERE filename='$filename' AND userid='$userid' AND date\_time='$date\_time' LIMIT 1";

$resutl1=mysqli\_query($conn,$sql1);

if($result1){

$data.="

<div class='alert alert-success'>

<strong>Failed:</strong>

File upload failed:

</div>

";

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-success'>

<strong>Failed:</strong>

dberror: $error

</div>

";

}

}

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-success'>

<strong>Failed:</strong>

dberror: $error

</div>

";

}

echo $data;

}

function get\_user(){

$data="";

global $conn;

$self=$\_SESSION['userid'];

$sql="SELECT \* FROM user WHERE admin\_active='1' AND userid<>'$self' ORDER BY userid ASC";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

$data.="<select name='userid' class='form-control'>

<option></option>

";

while($rows=mysqli\_fetch\_array($result)){

$userid=$rows['userid'];;

$username=$rows['username'];

$data.="<option value='$userid'>$username</option>";

}

$data.="</select>";

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

not found

</div>

";

}

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

echo $data;

}

function key\_request(){

$data="<br>";

global $conn;

$self=$\_SESSION['userid'];

$sql="SELECT \* FROM request WHERE requestto='$self'";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

$data.="

<table class='table table-dark table-striped'>

<thead>

<tr>

<th>Sr No</th>

<th>Request By</th>

<th>File</th>

<th>Confirm</th>

<th>Date\_time</th>

</tr>

</thead>

<tbody>

";

$n=0;

while($rows=mysqli\_fetch\_array($result)){

$n++;

$requestby=$rows['requestby'];

$fileid=$rows['fileid'];

$request\_label=$rows['request\_label'];

$date\_time=$rows['date\_time'];

$username=getusername($requestby);

$file\_detail=getfiledetail($fileid);

if($request\_label=="1"){

$confirmdata="

<form action='key\_request.php' method='post'>

<input type='hidden' name='fileid' value='$fileid'>

<input type='submit' name='share\_key' value='Share Key' class='btn btn-primary'>

</form>

<hr>

<form action='key\_request.php' method='post'>

<input type='hidden' name='fileid' value='$fileid'>

<input type='hidden' name='requestby' value='$requestby'>

<input type='submit' name='decline' value='Decline' class='btn btn-primary'>

</form>

";

}

else if($request\_label=="2"){

$confirmdata="Confirmed";

}

else if($request\_label=="3"){

$confirmdata="Canceled";

}

$data.="

<tr>

<td>$n</td>

<td>$username</td>

<td>$file\_detail</td>

<td>$confirmdata</td>

<td>$date\_time</td>

</tr>

";

}

$data.="</tbody></table>";

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

Not found any key request

</div>

";

}

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

echo $data;

}

function getusername($userid){

global $conn;

$data="";

$sql="SELECT \* FROM user WHERE userid='$userid' LIMIT 1";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

while($rows=mysqli\_fetch\_array($result)){

$username=$rows['username'];

$data.="$username";

}

}

else{

$data.="not found";

}

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

return $data;

}

function getfiledetail($fileid){

global $conn;

$data="";

$sql="SELECT \* FROM data\_file WHERE fileid='$fileid' LIMIT 1";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

while($rows=mysqli\_fetch\_array($result)){

$subject=$rows['subject'];

$filename=$rows['filename'];

$f=$rows['filesize'];

$filesize=round($rows['filesize'],2)."Mb";

if($filesize==0){

$filesize=round(($f\*1024),3)."Kb";

}

$data.="

<strong>Subject:</strong> $subject <br>

<strong>File Name:</strong> $filename <br>

<strong>File Size:</strong> $filesize

";

}

}

else{

$data.="not found";

}

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

return $data;

}

function share\_key($fileid){

$data="<br>";

global $conn;

$sql="UPDATE request SET request\_label='2' WHERE request\_label='1' AND fileid='$fileid' LIMIT 1";

$result=mysqli\_query($conn,$sql);

if($result){

$data.="

<div class='alert alert-primary'>

<strong>Success:</strong>

Successfully share secretkey.

</div>

";

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

echo $data;

}

function users\_send\_list()

{

global $conn;

$data="<br>";

$self=$\_SESSION['userid'];

$sql="SELECT \* FROM data\_file WHERE senderid='$self'";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

$data.="<table class='table table-bordered'>

<thead>

<tr>

<th>Sr No</th>

<th>Subject</th>

<th>Filename</th>

<th>filesize</th>

<th>User</th>

<th>Date Time</th>

</tr>

</thead>

<tbody>

";

$n=0;

while($rows=mysqli\_fetch\_array($result)){

$n++;

$subject=$rows['subject'];

$filename=$rows['filename'];

$filesize=$rows['filesize'];

$userid=$rows['userid'];

$date\_time=$rows['date\_time'];

$user=getusername($userid);

$data.="

<tr>

<td>$n</td>

<td>$subject</td>

<td>$filename</td>

<td>$filesize</td>

<td>$user</td>

<td>$date\_time</td>

</tr>

";

}

$data.="

</tbody>

</table>";

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

No users found.

</div>

";

}

}

else{

$error=mysqli\_error($conn);

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>

dberror:$error

</div>

";

}

echo $data;

}

function decline($fileid,$requestby)

{

global $conn;

$data="";

$sql="UPDATE request SET request\_label='3' WHERE fileid='$fileid' AND requestby='$requestby' LIMIT 1";

$result=mysqli\_query($conn,$sql);

if($result){

$data.="Decline successfully";

}

else{

$data.="error:".mysqli\_error($conn);

}

echo $data;

}

?>

**CONNECT.PHP**

<?php

function connect(){

$server="localhost";

$user="dataleakage\_user";

$password="12345";

$database="dataleakage";

$conn=mysqli\_connect($server,$user,$password,$database);

if($conn){

return $conn;

}

else{

echo "connection error:";

}

}

?>

**ADMIN\_MODEL.PHP**

<?php

require\_once("connect.php");

$conn=connect();

function load\_user\_request(){

$data="<br>";

global $conn;

$sql="SELECT \* FROM user WHERE usertype='user' OR usertype='distributor' ORDER BY userid DESC";

$result=mysqli\_query($conn,$sql);

if($result){

if(mysqli\_num\_rows($result)>0){

$data.="

<table class='table table-bordered'>

<thead>

<tr>

<th>Sr No</th>

<th>User Name</th>

<th>Email Id</th>

<th>Activate account</th>

<th>Create Distributor</th>

</tr>

</thead>

<tbody>

";

$i=0;

while($rows=mysqli\_fetch\_array($result)){

$i++;

$userid=$rows['userid'];

$username=$rows['username'];

$email=$rows['email'];

$admin\_active=$rows['admin\_active'];

$usertype=$rows['usertype'];

if($admin\_active=="0"){

$admin="

<form action='user\_request.php' method='post'>

<input type='hidden' name='userid' value='$userid'>

<input type='submit' name='activate' value='Activate' class='btn btn-success'>

</form>

";

}

else{

$admin="

<form action='user\_request.php' method='post'>

<input type='hidden' name='userid' value='$userid'>

<input type='submit' name='deactivate' value='Deactivate' class='btn btn-danger'>

</form>

";

}

if($usertype=="user"){

$usertype="

<form action='user\_request.php' method='post'>

<input type='hidden' name='userid' value='$userid'>

<input type='submit' name='usertype\_distributor' value='Make Distributor' class='btn btn-success'>

</form>

";

}

else{

$usertype="

<form action='user\_request.php' method='post'>

<input type='hidden' name='userid' value='$userid'>

<input type='submit' name='usertype\_user' value='Make User' class='btn btn-danger'>

</form>

";

}

$data.="

<tr>

<td>$i</td>

<td>$username</td>

<td>$email</td>

<td>$admin</td>

<td>$usertype</td>

</tr>

";

}

$data.="</tbody></table>";

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>No request found

</div>

";

}

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>dberror

</div>

";

}

echo $data;

}

function activate\_user($userid,$action){

$data="<br>";

global $conn;

$sql="UPDATE user SET admin\_active='1' WHERE admin\_active='0' AND userid='$userid' LIMIT 1";

$result=mysqli\_query($conn,$sql);

if($result){

$data.="

<div class='alert alert-success'>

<strong>Success:</strong>Activate

</div>

";

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>dberror

</div>

";

}

echo $data;

}

function deactivate\_user($userid,$action){

$data="<br>";

global $conn;

$sql="UPDATE user SET admin\_active='0' WHERE admin\_active='1' AND userid='$userid' LIMIT 1";

$result=mysqli\_query($conn,$sql);

if($result){

$data.="

<div class='alert alert-success'>

<strong>Success:</strong>Deactivate

</div>

";

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>dberror

</div>

";

}

echo $data;

}

function create\_user($userid,$action){

$data="<br>";

global $conn;

$sql="UPDATE user SET usertype='user' WHERE userid='$userid' LIMIT 1";

$result=mysqli\_query($conn,$sql);

if($result){

$data.="

<div class='alert alert-success'>

<strong>Success:</strong> Updated to user

</div>

";

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>dberror

</div>

";

}

echo $data;

}

function create\_distributor($userid,$action){

$data="<br>";

global $conn;

$sql="UPDATE user SET usertype='distributor' WHERE userid='$userid' LIMIT 1";

$result=mysqli\_query($conn,$sql);

if($result){

$data.="

<div class='alert alert-success'>

<strong>Success:</strong> Updated to distributor

</div>

";

}

else{

$data.="

<div class='alert alert-danger'>

<strong>Failed:</strong>dberror

</div>

";

}

echo $data;

}

?>

**FOR DISTRIBUTOR**

**USERS\_LIST.PHP**

<?php

session\_start();

if($\_SESSION['usertype']=="distributor"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Distributor Dashboard- Users List(Sent Files)</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../distributor\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../distributor\_side\_menubar.php");

?>

</div>

<div class="col-sm-6">

<?php

require\_once("../function/distributor\_model.php");

users\_send\_list();

?>

</div>

<div class="col-sm-3"></div>

</div>

</div>

</body>

</html>

**SEND\_FILES.PHP**

<?php

session\_start();

if($\_SESSION['usertype']=="distributor"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Distributor Dashboard- Send Files</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../distributor\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

if($\_SESSION['usertype']=="distributor"){

require\_once("../distributor\_side\_menubar.php");

}

?>

</div>

<div class="col-sm-6 bg-white shadow my-3 p-3">

<br>

<center><h2>Send Files to Selected user</h2></center>

<?php

require\_once("../function/distributor\_model.php");

if(isset($\_POST['send\_file'])){

$userid=$\_POST['userid'];

$senderid=$\_SESSION['userid'];

$subject=$\_POST['subject'];

$filename=$\_FILES['file']['name'];

$file\_tmpname=$\_FILES['file']['tmp\_name'];

$filesize=$\_FILES['file']['size']/(1024\*1024);

$url="../files/$filename";

$data="";

if(!empty($subject) && !empty($filename) && !empty($userid))

{

if($filesize>10){

$data.="

<div class='alert alert-warning'>

<strong>Failed:</strong>

File size must be less than 10 mb.

</div>

";

}

else{

$secretkey=mt\_rand(1000,9999);

send\_files($subject,$filename,$filesize,$senderid,$userid,$secretkey,$url,$file\_tmpname);

}

}

else{

$data.="

<div class='alert alert-warning'>

<strong>Failed:</strong>

Fill up data

</div>

";

}

echo $data;

}

?>

<form action="send\_files.php" method="post" enctype="multipart/form-data">

<div class="form-group">

<label for="user">Select User</label>

<?php get\_user();?>

</div>

<div class="form-group">

<label for="subject">Subject</label>

<input type="text" name="subject" class="form-control">

</div>

<div class="form-group">

<label for="file">File</label>

<input type="file" name="file" class="form-control">

</div>

<div class="form-group">

<center><input type="submit" name="send\_file" value="Send" class="my-1 btn btn-primary"></center>

</div>

</form>

</div>

<div class="col-sm-3"></div>

</div>

</div>

</body>

</html>

**LEAKERS.PHP**

<?php

session\_start();

?>

<!DOCTYPE html>

<html>

<head>

<title>Distributor Dashboard-Leakers</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../distributor\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../distributor\_side\_menubar.php");

?>

</div>

<div class="col-sm-6">

<?php

require\_once("../function/user\_model.php");

leakage\_file();

?>

</div>

<div class="col-sm-3"></div>

</div>

</div>

</body>

</html>

**KEY\_REQUEST.PHP**

<?php

session\_start();

if($\_SESSION['usertype']=="distributor"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Distributor Dashboard- Key Request</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../distributor\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../distributor\_side\_menubar.php");

?>

</div>

<div class="col-sm-6">

<?php

require\_once("../function/distributor\_model.php");

if(isset($\_POST['share\_key'])){

$fileid=$\_POST['fileid'];

share\_key($fileid);

}

if(isset($\_POST['decline'])){

$fileid=$\_POST["fileid"];

$requestby=$\_POST["requestby"];

decline($fileid,$requestby);

}

key\_request();

?>

</div>

<div class="col-sm-3"></div>

</div>

</div>

</body>

</html>

**DISTRIBUTOR\_FILES.PHP**

<?php

session\_start();

if($\_SESSION['usertype']=="distributor"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Distributor Dashboard- Files (Send By)</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../distributor\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../distributor\_side\_menubar.php");

?>

</div>

<div class="col-sm-6">

<br>

<center><h3>Distributor/Files (Send By)</h3></center>

<?php

require\_once("../function/user\_model.php");

if(isset($\_POST['send\_request'])){

$requestby=$\_POST['requestby'];

$requestto=$\_POST['requestto'];

$fileid=$\_POST['fileid'];

$askkey=$\_POST['askkey'];

$request\_label=$\_POST['request\_label'];

$date\_time=date("Y-m-d H:i:s");

send\_request($requestby,$requestto,$fileid,$askkey,$request\_label,$date\_time);

}

if(isset($\_POST['share'])){

$fileid=$\_POST['fileid'];

$userid=$\_POST['userid'];

$secretkey=$\_POST['secretkey'];

$subject=$\_POST['subject'];

$date\_time=date("Y-m-d H:i:s");

share\_file($userid,$subject,$fileid,$secretkey,$date\_time);

}

if(isset($\_POST['share\_others'])){

$userid=$\_POST["userid"];

$fileid=$\_POST["fileid"];

if(!empty($userid)){

share\_with\_others($userid,$fileid);

}

else{

echo "<div class='alert alert-danger'>please select user</div>";

}

}

$userid=$\_SESSION['userid'];

get\_distributor\_send\_files($userid);

?>

</div>

<div class="col-sm-3"></div>

</div>

</div>

</body>

</html>

**DISTRIBUTOR\_DASHBOARD.PHP**

<?php

session\_start();

if($\_SESSION['usertype']=="distributor"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Distributor Dashboard</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../distributor\_menubar.php");

?>

<div class="container-fluid">

<div class="col-sm-3">

<?php

require\_once("../distributor\_side\_menubar.php");

?>

</div>

<div class="col-sm-6">

</div>

<div class="col-sm-3"></div>

</div>

</body>

</html>

**FOR ADMIN**

**USERS\_LIST.PHP**

<?php

session\_start();

if($\_SESSION['usertype']=="admin"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Admin Dashboard- Users List(Sent Files)</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../admin\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../admin\_side\_menubar.php");

?>

</div>

<div class="col-sm-6">

<?php

require\_once("../function/distributor\_model.php");

users\_send\_list();

?>

</div>

<div class="col-sm-3"></div>

</div>

</div>

</body>

</html>

**USER\_REQUEST.PHP**

<?php

session\_start();

if($\_SESSION['usertype']=="admin"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Admin Dashboard- User Request</title>

<?php require\_once("../include.php");?>

</head>

<body>

<?php require\_once("../admin\_menubar.php");?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../admin\_side\_menubar.php");

?>

</div>

<div class="col-sm-6">

<?php

require\_once("../function/admin\_model.php");

if(isset($\_POST['activate'])){

$userid=$\_POST['userid'];

$action="activate";

activate\_user($userid,$action);

}

else if(isset($\_POST['deactivate'])){

$userid=$\_POST['userid'];

$action="deactivate";

deactivate\_user($userid,$action);

}

if(isset($\_POST['usertype\_user'])){

$userid=$\_POST['userid'];

$action="user";

create\_user($userid,$action);

}

else if(isset($\_POST['usertype\_distributor'])){

$userid=$\_POST['userid'];

$action="distributor";

create\_distributor($userid,$action);

}

load\_user\_request();

?>

</div>

<div class="col-sm-3"></div>

</div>

</div>

</body>

</html>

**SEND\_FILES.PHP**

<?php

session\_start();

if($\_SESSION['usertype']=="admin"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Distributor Dashboard- Send Files</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../distributor\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../admin\_side\_menubar.php");

?>

</div>

<div class="col-sm-6 shadow p-5 bg-white my-3">

<br>

<center><h2>Send Files to Selected user</h2></center>

<?php

require\_once("../function/distributor\_model.php");

if(isset($\_POST['send\_file'])){

$userid=$\_POST['userid'];

$senderid=$\_SESSION['userid'];

$subject=$\_POST['subject'];

$filename=$\_FILES['file']['name'];

$file\_tmpname=$\_FILES['file']['tmp\_name'];

$filesize=$\_FILES['file']['size']/(1024\*1024);

$url="../files/$filename";

$data="";

if(!empty($subject) && !empty($filename) && !empty($userid))

{

if($filesize>10){

$data.="

<div class='alert alert-warning'>

<strong>Failed:</strong>

File size must be less than 10 mb.

</div>

";

}

else{

$secretkey=mt\_rand(1000,9999);

send\_files($subject,$filename,$filesize,$senderid,$userid,$secretkey,$url,$file\_tmpname);

}

}

else{

$data.="

<div class='alert alert-warning'>

<strong>Failed:</strong>

Fill up data

</div>

";

}

echo $data;

}

?>

<form action="send\_files.php" method="post" enctype="multipart/form-data">

<div class="form-group">

<label for="user">Select User</label>

<?php get\_user();?>

</div>

<div class="form-group">

<label for="subject">Subject</label>

<input type="text" name="subject" class="form-control">

</div>

<div class="form-group">

<label for="file">File</label>

<input type="file" name="file" class="form-control">

</div>

<div class="form-group">

<center><input type="submit" name="send\_file" value="Send" class="btn btn-primary"></center>

</div>

</form>

</div>

<div class="col-sm-3"></div>

</div>

</div>

</body>

</html>

**LEAKERS.PHP**

<?php

session\_start();

if($\_SESSION['usertype']=="admin"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Admin Dashboard-Leakers</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../admin\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../admin\_side\_menubar.php");

?>

</div>

<div class="col-sm-6">

<?php

require\_once("../function/user\_model.php");

leakage\_file();

?>

</div>

<div class="col-sm-3"></div>

</div>

</div>

</body>

</html>

**KEY\_REQUEST.PHP**

<?php

session\_start();

if($\_SESSION['usertype']=="admin"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Admin Dashboard- Key Request</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../admin\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../admin\_side\_menubar.php");

?>

</div>

<div class="col-sm-6">

<?php

require\_once("../function/distributor\_model.php");

if(isset($\_POST['share\_key'])){

$fileid=$\_POST['fileid'];

share\_key($fileid);

}

if(isset($\_POST['decline'])){

$fileid=$\_POST["fileid"];

$requestby=$\_POST["requestby"];

decline($fileid,$requestby);

}

key\_request();

?>

</div>

<div class="col-sm-3"></div>

</div>

</div>

</body>

</html>

**DISTRIBUTOR\_FILES.PHP**

<?php

session\_start();

if($\_SESSION['usertype']=="admin"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Admin Dashboard- Distributor Files (Send By)</title>

<?php

require\_once("../include.php");

?>

</head>

<body>

<?php

require\_once("../admin\_menubar.php");

?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../admin\_side\_menubar.php");

?>

</div>

<div class="col-sm-6">

<br>

<center><h3>Admin Dashboard/ Files (Send By)</h3></center>

<?php

require\_once("../function/user\_model.php");

if(isset($\_POST['send\_request'])){

$requestby=$\_POST['requestby'];

$requestto=$\_POST['requestto'];

$fileid=$\_POST['fileid'];

$askkey=$\_POST['askkey'];

$request\_label=$\_POST['request\_label'];

$date\_time=date("Y-m-d H:i:s");

send\_request($requestby,$requestto,$fileid,$askkey,$request\_label,$date\_time);

}

if(isset($\_POST['share'])){

$fileid=$\_POST['fileid'];

$userid=$\_POST['userid'];

$secretkey=$\_POST['secretkey'];

$subject=$\_POST['subject'];

$date\_time=date("Y-m-d H:i:s");

share\_file($userid,$subject,$fileid,$secretkey,$date\_time);

}

if(isset($\_POST['share\_others'])){

$userid=$\_POST["userid"];

$fileid=$\_POST["fileid"];

if(!empty($userid)){

share\_with\_others($userid,$fileid);

}

else{

echo "<div class='alert alert-danger'>please select user</div>";

}

}

$userid=$\_SESSION['userid'];

get\_distributor\_send\_files($userid);

?>

</div>

<div class="col-sm-3"></div>

</div>

</div>

</body>

</html>

**ADMIN\_DASHBOARD.PHP**

<?php

session\_start();

if($\_SESSION['usertype']=="admin"){

}

else{

$url="../index.php";

header("Location:$url");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Admin Dashboard</title>

<?php require\_once("../include.php");?>

</head>

<body>

<?php require\_once("../admin\_menubar.php");?>

<div class="container-fluid">

<div class="row">

<div class="col-sm-3">

<?php

require\_once("../admin\_side\_menubar.php");

?>

</div>

<div class="col-sm-6">

</div>

<div class="col-sm-3"></div>

</div>

</div>

</body>

</html>

**CONCLUSTION**

In our project of Data leakage detection, we presented that whenever someone user share files with others there will be a secret key and if someone want to download or access file, they need a secret key which will be request to sender who share this file, after sharing secret key user can download that file, if someone download that file without asking secret key using guess method that will be notified as leaker.

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