Summer Training Report
On
WEB APPLICATION FOR MONTHLY AUDIT
At

Defence Laboratory
Defense Research & Development Organization
Jodhpur,Rajasthan
in Partial Fulfillment of the Requirements for the Degree of

Bachelor of Engineering

in

Information Technology
MBM University,Jodhpur

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DECLARATION

This is to certify that the — **Summer Training Report** submitted by *Bhawana Sankhla* (Roll No. 21UITE5023) is work done by her and submitted during 2022 – 2023 academic year, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF ENGINEERING in INFORMATION TECHNOLOGY , at Defence Research And Development Organization,Jodhpur.

She has carried out her work under my supervision. This work has not been submitted elsewhere for the award of any other degree or diploma.

The project work in our opinion, has reached the standard fulfilling of the requirements for the degree of Bachelor of Engineering in accordance with the regulations of the University.

SIGNATURE

Dr. MANJULATA SHARMA
(SCIENTIST E)

ACKNOWLEDGMENT

I record my sincere thanks to the Scientist , Dr. Lalit Panwar,Defence Laboratory, Jodhpur , Defence Research and Development Organization for providing me an excellent opportunity to undergo training in his esteemed organization through which I could gain an exposure to the Research and Development Organization and gain hands-on experience on a real-world project.

I would also like to extend my heartfelt gratitude to my mentor, Dr. Manjulata Sharma,Scientist E, Defence Laboratory, Jodhpur , Defence Research and Development Organization for her guidance and support throughout the complete training period.Thank you for believing in my potential and fostering a nurturing environment.She gave me a chance to explore my knowledge and work on a real world project.

BHAWANA SANKHLA
Roll No. 21UITE5023

ORGANIZATION PROFILE

The Defence Research and Development Organization (DRDO) is an agency of the Government of India responsible for the research and development of military technology. However, there is no specific DRDO organization in Jodhpur. DRDO operates through various laboratories and establishments located across India. However, Jodhpur is home to one of the premier DRDO establishments, which is the Defense Laboratory (DL), Jodhpur.

Here's a profile of the Defense Laboratory,
Jodhpur: Name: Defence Laboratory (DL), Jodhpur
Location: Jodhpur, Rajasthan, India Established:
1955
Parent Organization: Defence Research and Development
Organization (DRDO)

Defence Laboratory, Jodhpur (DLJ) is researching the areas of camouflage, deception, detection, reconnaissance, performance evaluation and life estimation of weapons and ammunition, clothing, equipment and stores under desert conditions, integrated

water management, soil stabilisation, and applications
of radioisotopes in defence.

Role and Function:
Defence Laboratory (DL), Jodhpur is a premier DRDO establishment
focused on research and development in various areas related to defence
and military technology. The laboratory primarily specializes in the
development of advanced technologies and systems for the Indian Armed
Forces. It aims to enhance the combat capabilities of the Indian defense
forces through indigenous research and development efforts.

Areas of Research:
DL Jodhpur is involved in research and development activities across a
wide range of domains. Some of the key areas of research include:

Environmental Science: DL Jodhpur conducts research on
environmental factors and their impact on defense operations. This
includes studying and mitigating the effects of dust, sand, and
extreme weather conditions on military equipment and operations.

Electronics and Communication: The laboratory works on the
development of electronic systems, communication technologies, and
sensors for defense applications. This includes radar systems,
electronic warfare systems, and communication networks.

Materials Science: DL Jodhpur focuses on the research and
development of advanced materials and coatings for defense
applications. This includes protective coatings, corrosion-
resistant materials, and high-performance alloys.
Camouflage and Signature Management: The laboratory is involved
in the development of technologies and materials for camouflage and

signature management. This includes research on stealth technologies, camouflage patterns, and thermal signature reduction.

Environmental Testing and Evaluation: DL Jodhpur is equipped with state-of-the-art facilities for environmental testing and evaluation of defense equipment. These facilities are used for assessing the performance of equipment under extreme conditions.

Collaborations and Achievements:
DL Jodhpur collaborates with other DRDO laboratories, academic institutions, and industry partners to leverage expertise and resources. The laboratory has achieved significant milestones in its research and development activities, contributing to the advancement of defense technology in India.

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Chapter 1

Feasibility of Solution

1.Technical feasibility :-

1.<u>HTML :-</u> It is the standard markup language used for structuring and presenting content on the web.HTML is a simple and easy to understand language.It is the skeleton of the webpage.HTML is a cross-platform language, ensuring that your website can be accessed and rendered correctly on various devices and browsers, regardless of the operating system or screen size.HTML supports the inclusion of multimedia elements, such as images, videos, and audio files, allowing you to enrich your website with visual and auditory content.So in this project HTML is used for structuring the website.

2.<u>CSS Bootstrap</u> :- CSS Bootstrap is a popular front-end framework that provides a wide range of features and components to streamline the development of responsive and visually appealing websites. Here are some key features of CSS Bootstrap:

a)Responsive Grid System :-Bootstrap offers a responsive grid system that allows to create flexible layouts that adapt to different screen sizes and devices. The grid system is based on a 12-column layout, making it easy to create responsive designs by utilizing predefined classes such as .container, .row etc.

b)Pre-Styled Components :-Bootstrap provides a comprehensive set of pre-styled UI components that can be easily integrated into websites, such as buttons, forms, tables, cards, modals, navbars, and dropdowns.These components save development time and effort by offering consistent styling and interactivity across different browsers and devices.

c)CSS Utilities :-Bootstrap includes a collection of CSS utility classes that offer quick and convenient ways to apply common styles and modifications to elements.Utility classes can be used for tasks like margin and padding adjustments, text alignment, color variations, responsive visibility, and more.

d)Typography :-Bootstrap offers a refined typography system with a set of pre-designed styles for headings, paragraphs, lists, and other textual elements.It provides a selection of responsive font sizes, font families, and font weights, ensuring that your text looks well-designed and legible on various devices.

e)Responsive Navigation :-Bootstrap provides a responsive navbar component that automatically collapses into a mobile-friendly menu on smaller screens.The navbar can be customized with options for positioning, color schemes, dropdown menus, and support for navigation links and brand logos.

f)CSS Flexbox and Grid Support :-Bootstrap leverages the power of CSS Flexbox and CSS Grid to create flexible and dynamic layouts.It offers classes and utilities to make use of these modern CSS features for advanced layout capabilities, including alignment, spacing, and order control. **g)Browser Compatibility** :-Bootstrap ensures cross-browser compatibility by implementing CSS and JavaScript that work seamlessly on modern browsers, including Chrome, Firefox, Safari, Edge, and others.It also provides graceful degradation for older browsers, ensuring a functional and visually acceptable experience.

Because of its rich features and to create a responsive and browser compatibility website,this frontend framework is used to style and design the website.

3.PHP :- PHP (Hypertext Preprocessor) is a widely used server-side scripting language specifically designed for web development. It offers several key features and benefits that make it a popular choice for building dynamic and interactive websites. Here's an overview of PHP and its applications:

a)Server Side Scripting :-PHP is executed on the server, allowing it to generate dynamic HTML content before it is sent to the client's browser.It can handle complex tasks on the server, such as database interactions, form processing, file handling, and session management.

b)Easy Implementation with PHP :-PHP code can be seamlessly embedded within HTML, making it easy to Bootstrap leverages the power of CSS Flexbox and CSS Grid to create flexible and dynamic layouts.It offers

classes and utilities to make use of these modern CSS features for advanced layout capabilities, including alignment, spacing, and order control. combine dynamic server-side functionality with static web content. This integration allows you to create dynamic web pages by inserting PHP code snippets wherever necessary.

c)Extensive Data Support :-PHP provides built-in support for a wide range of databases, including MySQL, PostgreSQL, Oracle, and SQLite.It offers functions and extensions that enable seamless database connectivity, query execution, and result processing.

d)Integration with web servers :-PHP works in conjunction with web servers such as Apache, Nginx, and Microsoft IIS.It seamlessly integrates with these servers, enabling smooth execution of PHP scripts and efficient delivery of web content to clients.

e)Platform Independence :-PHP is a cross-platform language, meaning it can be run on various operating systems, including Windows, macOS, Linux, and Unix. This platform independence makes PHP a versatile choice for web development, as it can be deployed on different hosting environments and server configurations.

Because of these features,PHP is used in this project for database connectivity,query processing and form submission.It is used for server side scripting in this project.

4.IDE(Integration Development Environment) :- Visual Studio Code (VS Code) is a popular integrated development environment (IDE) that provides a powerful and feature-rich environment for coding and software development. It offers several key features that make it a preferred choice for developers across different programming languages and platforms.As i am also familiar with this IDE so the project code is written using this IDE.

5.Server Environment :- XAMPP is a widely used web server solution that provides a complete and easy-to-install package for creating a local development environment. It simplifies the setup and configuration of Apache, MySQL, PHP, and Perl, allowing developers to run web applications locally on their machines. Here's an overview of XAMPP and

its key features:

XAMPP, an acronym for "Cross-Platform (X), Apache (A), MySQL (M), PHP (P), and Perl (P)", offers a range of benefits for web development:

a)Easy Installation :-XAMPP provides a straightforward installation process, allowing developers to set up a local server environment quickly. It is available for Windows, macOS, Linux, and Solaris, making it a versatile choice for developers using different operating systems.

b)Apache Web Server :-XAMPP includes the Apache HTTP Server, one of the most popular web servers globally. Apache offers robust performance, stability, and support for various web technologies, making it suitable for hosting and testing web applications.

c)MySQL Database :-XAMPP integrates the MySQL database management system, which enables developers to create and manage relational databases. MySQL is known for its speed, reliability, and scalability, making it ideal for dynamic web applications that require data storage and retrieval.

d)PHP and Perl Support :-XAMPP includes PHP, a server-side scripting language, and Perl, a powerful scripting language for web development. These languages provide the foundation for creating dynamic and interactive web applications, allowing developers to handle forms, process data, and interact with databases.

e)phpMyAdmin :-XAMPP incorporates phpMyAdmin, a web-based tool for managing MySQL databases. With phpMyAdmin, developers can easily create, import, export, and manipulate databases using a user-friendly interface.

Because of the above features,XAMPP server is used for this project so that databases can be created and maintained.Using this server, databases can be connected easily using php and data insertion,updation,deletions can be easily performed via sql queries.

2.operational feasibility :-

As mentioned in objective,this project should have the operational functionalities such as user registration,login and logout,edit profile ,show history and admin access.Therefore keeping these tasks in mind all above technical tools are fully sufficient for achieving these tasks.So operational feasibility can also achieved

successfully.

2.Economic feasibility :-

All technical tools mentioned above are open source and freely available to use so the project does not require any economic cost and the development and maintenance of the project are costless.

Chapter 2

Software Requirement Specifications

Objective :- The objective of the solution is to create a monthly security control form submission website where user can submit the form for reporting the issues and remarks for the same.This form should have the functionalities of admin access,user registration,login and logout,profile and edit profile,history and form submit page and then user can print or save the form.

After understanding the requirements to fulfill the objective,I used the following tools for the same :-

Security Control Form :-

S.No.	Security Control	Compliance / Non - compliance	Remarks,if any
1	Control 1	Yes/No	Remark 1
2	Control 2	Yes/No	Remark 2
3	Control 3	Yes/No	Remark 3
4	Control 4	Yes/No	Remark 4
5	Control 5	Yes/No	Remark 5
6	Control 6	Yes/No	Remark 6
7	Control 7	Yes/No	Remark 7
8	Control 8	Yes/No	Remark 8
9	Control 9	Yes/No	Remark 9
10	Control 10	Yes/No	Remark 10

Print Logout

The aim of the project is to fill the form for a monthly report of security controls consisting the issues and remarks for the same.To fulfill the requirement a website is created comprising frontend,backend and database.
Following are the requirements of the project :-

I.Website Development :-

The main requirement specification of this project is to design and develop a web application to submit the monthly report regarding security control issues in organization.Following are the functional requirements of the website :-

1. Registration :-

Using this the user can sign up or create the account to submit the monthly report audit.

2. Login :-

If the user has already logged in then he has to login with the registered id and password.If the credentials are verified successfully then user login is successful else failed to login.

3. Logout :-

Logged In users can logout from the site using this.

4. Admin access :-

Users can register using registration but in the case when a user leaves the organization or any other scenario whenever the user account has to be deleted ,the admin can only remove the data from the database.

5.History :-

To view the submitted records of any previous month, users can see the records.

6.Profile :-

Data related to users such as Name,Rank,Group Name,OIC Name,OIC designation and form submitted date can be displayed or also provide the facility to edit or update the data.

7.Security Control Form submission :-
Users can fill the form related to security control issues and provide
the compliance and corresponding remarks related to them.

8.Print or save the form :-
Users can print or save the submitted form in the form of a pdf so that records
can be found easily.

II. Database Management:-

Another requirement of this project is to manage databases to store information
entered by users so that data can be retrieved,inserted,updated and deleted
from the databases according to user requirements.

So these both are the main requirements of this project as mentioned above.These
requirements can be easily fulfilled using a website.The website should be user-
friendly and intuitive.For these purposes,HTML,CSS Bootstrap are used for
frontend,PHP is used for backend,MySQL is used for database and xampp server
is used to run the website code.The IDE used for development is Visual Studio
Code (VS Code).

Chapter 3
Software Development and Design

3.1 Registration :-
The very first step of the website is to register the user in the database.If user is already registered then the user can log in in the website.If the credentials entered by user are valid then the user can access all other pages or functionalities of the website.
To implement it, first create a register.php file.This file contains all the necessary details which the user has to fill in to register such as Email, Password ,Name , Rank , OIC name , OIC Designation , Group Name etc.Once a user registered successfully,Now the user can access all the functionalities of the website such as security form submission , download form , edit profile and can also view history (previous submitted form).
To register a user,all the details related to the user have to be filled in the database.

3.2 Database tool and configuration :-
A database is an organized collection of data stored and accessed electronically. It is designed to efficiently manage, store, retrieve, and manipulate large amounts of data. Databases play a crucial role in various applications and industries, ranging from small-scale personal projects to large enterprise systems.

Databases provide a structured way to store and organize data, allowing for efficient data management and retrieval. They are commonly used to store information such as customer records, product catalogs, financial transactions, inventory details, and more.In this project,monthlyreport

database is created to insert,update,execute and delete data as per the user requirements.

3.2.1 Entities
In the context of databases, an entity refers to a distinct and identifiable object, concept, or thing about which data is stored. Entities represent real-world objects or abstract concepts that have relevance to the application or system being modeled. They are typically represented as tables in a relational database or as collections/documents in a NoSQL database.

Entities have attributes that describe their characteristics or properties. Attributes define the specific data elements associated with an entity. For example, in a database for a customer management system, a "Customer" entity may have attributes such as "Customer ID," "Name," "Email Address," "Phone Number," and "Date of Birth." In the monthlyreport database, two entities are required to perform CRUD operations in the database.

- *user* - User is an entity which describes each user whoever registered in the website and the attributes such as email , password , name, rank, group name , oic name ,oic designation and filled_at describe the characteristics of the user.Here email is the primary key.

- *control10* - control10 is the entity for inserting records if the control10 value is yes and the user enters details in count and remarks columns in security control form.It has four attributes userid , count , remarks and filled_at.Here userid,count and filled_at are used as combined primary key.

- *securitycontrol* - securitycontrol is another entity which describes

the form data after submission of monthly report in the website and the attributes such as email , control , compliance, remark and filled_at describe the characteristics of the form.Here email,control and filled_at are used as primary key is the primary key.

3.2.2 Data Types :-

A data type is an attribute that specifies the type of data that the object can hold: integer data, character data, monetary data, date and time data,
binary strings, and so on. To store data into a database it is necessary to specify data types for efficient use of memory.In 'monthlyreport' database following three data types are used :-

1. **VARCHAR**:
   The VARCHAR data type in SQL is used to store variable-length character strings. It allows storing alphanumeric and text data with a maximum length specified for each column. For example, VARCHAR(255) indicates that a column can store up to 255 characters. The actual storage size of VARCHAR depends on the length of the data being stored. It is a commonly used data type for storing names, addresses, descriptions, and other textual data. In the 'user' and 'securitycontrol' table email , rank , name , password etc are stored as varchar.

2. **DATETIME:**
   The DATETIME data type in SQL is used to store dates and times. It represents a specific point in time, including the date and time components. DATETIME allows to store a wide range of values, from the distant past to the far future. It provides various formatting options to represent the date and time in a

human-readable format. DATETIME data type is commonly used for storing timestamps, scheduling events, and tracking time-related information. In the 'user' and 'securitycontrol' table filled_at is stored as datetime and its default value is current_timestamp.

3. **INT** :

The INT data type in SQL is used to store integer values. It represents whole numbers without fractional parts, such as -2,147,483,648 to 2,147,483,647 in a signed INT. INT data type is commonly used for storing numerical identifiers, counts, quantities, and other integer-based data. It uses a fixed amount of storage space and supports mathematical operations like addition, subtraction, and comparison. In the 'user' and 'securitycontrol' table control is stored as int.

3.2.3 Entity Relationship Diagram :-

An Entity-Relationship Diagram (ERD) is a visual representation of the entities (objects or concepts) within a system or database, their attributes, and the relationships between them. ER diagrams are commonly used in database design to model and understand the structure of a database.There are not any type of relationships between both entities so no need to draw entity relationship diagrams.

Chapter 4
Implementation code

---

confg.php :-

```php
<?php
defne('DB_SERVER','localhost');

defne('DB_USERNAME','root');

defne('DB_PASSWORD','');

defne('DB_NAME','monthlyreport');


$conn=mysqli_connect(DB_SERVER,DB_USERNAME,DB_PASSWORD,DB_NAME);

if (!$conn) {

   echo "Connection Failed!".mysqli_connect_error();

}

?>
```

register.php :-

```php
<?php
session_start();

if(isset($_SESSION["user"])){

   header("Location:index.php");

}

if(isset($_POST["login"])){

 header("Location:login.php");

}

if($_SERVER['REQUEST_METHOD']=="POST"){

   $userid=$_POST["userid"];

   $password=$_POST["password"];

   $name=$_POST["name"];

   $rank=$_POST["rank"];

   $groupname=$_POST["groupname"];

   $oicname=$_POST["oicname"];

   $oicdesign=$_POST["oicdesign"];
```

```php
    $admin=$_POST["admin"];

    $passwordHash=password_hash($password,PASSWORD_DEFAULT);


    $errors=array();

    if (empty($userid) OR empty($password) OR empty($name) OR empty($rank) OR empty($groupname) OR
empty($oicname) OR empty($oicdesign) OR empty($admin)) {

      array_push($errors,"All felds are required");

    }

    if (!flter_var($userid,FILTER_VALIDATE_EMAIL)) {

      array_push($errors,"Email is not valid");

    }

    if (strlen($password)<8) {

      array_push($errors,"Password must be at least 8 characters long");

    }

    require_once "confg.php";

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

    $result=mysqli_query($conn,$sql);

    $rowCount=mysqli_num_rows($result);

    if ($rowCount>0) {

      array_push($errors,"This userid already exists");

    }

    if(count($errors)>0)

    {

      foreach ($errors as $error) {

        echo "<div class='alert alert-warning alert-dismissible fade show' role='alert'>$error<button type='button'
class='btn-close' data-bs-dismiss='alert' aria-label='Close'></button></div>";

      }

    }else{

      $sql="INSERT INTO `user` (`userid`, `password`, `name`, `rank`, `groupname`, `oicname`, `oicdesign`, `admin`, `flled_at`)
VALUES (?, ?, ?, ?, ?, ?, ?, ?, current_timestamp())";

      $stmt=mysqli_stmt_init($conn);

      $prepareStmt=mysqli_stmt_prepare($stmt,$sql);

      if($prepareStmt)

      {
```

```php
mysqli_stmt_bind_param($stmt,"ssssssss",$userid,$passwordHash,$name,$rank,$groupname,$oicname,$oicdesign,$admin);

        mysqli_stmt_execute($stmt);

        header("Location:index.php");

    }else {

        die("Something Went Wrong");

    }

    }

}

?>
```

```html
<!doctype html>

<html lang="en">

  <head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title>Registration form</title>

    <link rel="stylesheet" href="css/bootstrap.min.css">

  </head>

  <body>

  <div class="container mt-4">

    <h2>Please Register Here</h2>

    <hr>

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

     <div class="mb-3">

       <label for="email" class="form-label">Email address</label>

       <input type="email" name="userid" class="form-control" id="email" aria-describedby="emailHelp">

     </div>

     <div class="mb-3">

       <label for="password" class="form-label">Password</label>

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

     </div>

     <div class="mb-3">

       <label for="name" class="form-label">Name</label>
```

```html
      <input type="text" name="name" class="form-control" id="name">

    </div>

    <div class="mb-3">

      <label for="rank" class="form-label">Rank</label>

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

    </div>

    <div class="mb-3">

      <label for="groupname" class="form-label">Group Name</label>

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

    </div>

    <div class="mb-3">

      <label for="oicname" class="form-label">OIC Name</label>

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

    </div>

    <div class="mb-3">

      <label for="oicdesign" class="form-label">OIC Designation</label>

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

    </div>

    <div class="mb-3">

      <label for="admin" class="form-label">Are you admin?</label>

      <select name="admin">

          <option value="no">No</option>

          <option value="yes">Yes</option>

        </select>

    </div>

    <div class="form-btn">

      <input type="submit" class="btn btn-primary mb-4" value="Sign Up" name="submit">

    <input type="submit" class="btn btn-primary mb-4" value="Log In" name="login"> </div>


  </form>

 </div>


<script src="js/jQuery.js"></script>
```

```
<script src="js/bootstrap.min.js"></script>

  </body>

</html>
```

login.php :-

```php
<?php

session_start();

if(isset($_SESSION["user"])){

   header("Location:index.php");

}

if(isset($_POST["signup"])){

 header("Location:register.php");

}

?>

<!doctype html>

<html lang="en">

  <head>

   <meta charset="utf-8">

   <meta name="viewport" content="width=device-width, initial-scale=1">

   <title>Login Form</title>

   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-9ndCyUaIbzAi2FUVXJi0CjmCapSmO7SnpJef0486qhLnuZ2cdeRhO02iuK6FUUVM" crossorigin="anonymous">

  </head>

  <body>

  <div class="container mt-4">

   <?php

   if (isset($_POST["login"])) {

    $userId=$_POST["userid"];

    $password=$_POST["password"];


    require_once "confg.php";

    $sql="SELECT * FROM user WHERE userid='$userId'";

    $result=mysqli_query($conn,$sql);

    $userLoggedIn=mysqli_fetch_array($result,MYSQLI_ASSOC);
```

```php
    if($userLoggedIn){

      if(password_verify($password,$userLoggedIn["password"])){

        session_start();

        $_SESSION["user"]="yes";

        $_SESSION["userID"]=$_POST["userid"];

        header("Location:index.php");

        die();

      }else{

        echo "<div class='alert alert-danger'>Password does not match</div>";

      }

    }else{

      echo "<div class='alert alert-danger'>Email address does not exist.Please register.</div>";

    }

  }

  ?>

  <h2>Please Login Here</h2>

  <hr>

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

   <div class="mb-3">

     <label for="inputEmail" class="form-label">Email address</label>

     <input type="email" name="userid" class="form-control" id="inputEmail" aria-describedby="emailHelp">

   </div>

   <div class="mb-3">

     <label for="inputPassword" class="form-label">Password</label>

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

   </div>

   <div class="form-btn">

     <input type="submit" value="Login" class="btn btn-primary mb-4" name="login"> <input

    type="submit" value="Sign Up" class="btn btn-primary mb-4" name="signup"> </div>


    <a href="forgotpwd.php" class="link-primary link-ofset-2 link-underline-opacity-25 link-
  underline-opacity-100-hover">Forgot Password ?</a>

  </form>
```

```html
    </div>
      <script src="js/jQuery.js"></script>
    <script src="js/bootstrap.min.js"></script>
      </body>
</html>
```

forgotpwd.php :-

```php
<?php
if (isset($_POST['pwdreset'])) {
    require_once "confg.php";
    $userid=$_POST["userid"];
    $pwdreset=$_POST["password"];
    $passwordHash=password_hash($pwdreset,PASSWORD_DEFAULT);


    $sql="SELECT * FROM user WHERE userid='$userid'";
    $result=mysqli_query($conn,$sql);
    $rowCount=mysqli_num_rows($result);
    if (empty($userid) OR empty($pwdreset)) {
        echo '<div class="alert alert-danger">All felds are required</div>';
    }
    if (strlen($pwdreset)<8) {
        echo '<div class="alert alert-danger">Password must be atleast 8 characters long.</div>';
    }
    if ($rowCount>0) {
        $sql = "UPDATE user SET password='$passwordHash' WHERE userid='$userid'";
        // Prepare the statement
        $stmt = mysqli_stmt_init($conn);
        $stmt = $conn->prepare($sql);
         // Bind the parameters
        $stmt->bind_param("s", $passwordHash);
        $stmt->execute();
        //  Close the statement and connection
        $stmt->close();
        $conn->close();
```

```php
        // Redirect back to the submit form after insertion

        header("Location: login.php");

        exit();

    }

    else{

        echo '<div class="alert alert-warning alert-dismissible fade show" role="alert">Email address does not exist.Please
register.<button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button></div>';

    }

}

?>
```

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Password reset</title>

    <link rel="stylesheet" href="css/bootstrap.min.css">

</head>

<body>

    <div class="container mt-3">

    <h2>Password Reset</h2>

    <hr>

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

    <div class="mb-3">

        <label for="inputEmail" class="form-label">Email address</label>

        <input type="email" name="userid" class="form-control" id="inputEmail" aria-describedby="emailHelp">

    </div>

    <div class="mb-3">

        <label for="inputPassword" class="form-label">Enter new password</label>

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

    </div>

    <div class="form-btn">
```

```
      <input type="submit" value="Reset Password" class="btn btn-primary" name="pwdreset">

    </div>

  </form>

  </div>

  <script src="js/jQuery.js"></script>

  <script src="js/bootstrap.min.js"></script>

</body>

</html>
```

index.php :-

```php
<?php

session_start();

if (!isset($_SESSION["user"])) {

    header("Location: login.php");

    exit();

}

$UserID = $_SESSION["userID"];

require_once "confg.php";

$currMonth = date('m');

$currYear = date('Y');

$sql = "SELECT * FROM securitycontrol WHERE userid='$UserID' AND MONTH(flled_at) = $currMonth AND YEAR(flled_at) =
$currYear";

$result = mysqli_query($conn, $sql);

$rowCount = mysqli_num_rows($result);

$query = "SELECT * FROM control10 WHERE userid='$UserID' AND MONTH(flled_at) = $currMonth AND YEAR(flled_at) =
$currYear";

$res = mysqli_query($conn, $query);

$rowCount2 = mysqli_num_rows($res);

if (isset($_POST['submitForm'])) {

    if ($rowCount > 0) {

        $arr = mysqli_fetch_array($result, MYSQLI_ASSOC);

        $flledDate = $arr["flled_at"];

        $sql = "UPDATE securitycontrol SET compliance = ?, remark = ? WHERE userid = ? AND control = ? AND flled_at = ?";

        $stmt = $conn->prepare($sql);

        if (!$stmt) {
```

```php
        die("Error: " . $conn->error);

    }

    $stmt->bind_param("sssis", $compliance, $remarks, $UserID, $scontrol, $flledDate); for

    ($i = 1; $i <= 10; $i++) {

        $scontrol = $i;

        $compliance = $_POST["compliance_" . $i];

        $remarks = $_POST["remarks_" . $i];

        $stmt->execute();

    }

        $stmt->close();

}

else {

    $sql = "INSERT INTO securitycontrol (userid, control, compliance, remark, flled_at) VALUES (?, ?, ?, ?,
current_timestamp())";

    $stmt = $conn->prepare($sql);

    if (!$stmt) {

        die("Error: " . $conn->error);

    }

    $stmt->bind_param("siss", $UserID, $scontrol, $compliance, $remarks);

    for ($i = 1; $i <= 10; $i++) {

        $scontrol = $i;

        $compliance = $_POST["compliance_" . $i];

        $remarks = $_POST["remarks_" . $i];

        $stmt->execute();

    }

        $stmt->close();

}

if ($rowCount2 > 0) {

    $arr_res = mysqli_fetch_array($res, MYSQLI_ASSOC);

    $flledDate = $arr_res["flled_at"];

    if ($_POST['count'] == $rowCount2) {

        $sql = "UPDATE control10 SET remarks = ? WHERE userid = ? AND flled_at = ? AND

        count=?"; $stmt = $conn->prepare($sql);
```

```php
    if (!$stmt) {

        die("Error: " . $conn->error);

    }

    $stmt->bind_param("sssi", $remark, $UserID, $flledDate, $count);

    for ($i = 1; $i <= $_POST['count']; $i++) {

        $count = $_POST["count_".$i];

        $remark = $_POST["remark_" . $i];

        $stmt->execute();

    }

    $stmt->close();

} elseif ($_POST['count'] > $rowCount2) {

    $sql = "UPDATE control10 SET remarks = ? WHERE userid = ? AND flled_at = ? AND

    count=?"; $stmt = $conn->prepare($sql);

    if (!$stmt) {

        die("Error: " . $conn->error);

    }

    $stmt->bind_param("sssi", $remark, $UserID, $flledDate, $count);

    for ($i = 1; $i <= $rowCount2; $i++) {

        $count = $_POST["count_".$i];

        $remark = $_POST["remark_" . $i];

        $stmt->execute();

    }

    $stmt->close();

    $query = "INSERT INTO control10 (userid, count, remarks, flled_at) VALUES (?, ?, ?,

    ?)"; $stmt = $conn->prepare($query);

    if (!$stmt) {

        die("Error: " . $conn->error);

    }

    $stmt->bind_param("siss", $UserID, $count, $remark, $flledDate);

    for ($i = $rowCount2 + 1; $i <= $_POST['count']; $i++) {

        $count = $_POST["count_" . $i];

        $remark = $_POST["remark_" . $i];
```

```php
            $stmt->execute();

        }

        $stmt->close();

    } else {

        $sql = "UPDATE control10 SET remarks = ? WHERE userid = ? AND flled_at = ? AND

        count=?"; $stmt = $conn->prepare($sql);

        if (!$stmt) {

            die("Error: " . $conn->error);

        }

        $stmt->bind_param("sssi", $remark, $UserID, $flledDate, $count); for

            ($i = 1; $i <= $_POST['count']; $i++) {

            $count = $_POST["count_".$i];

            $remark = $_POST["remark_" . $i];

            $stmt->execute();

        }

        $stmt->close();

        $val = $_POST['count'];

        $value = intval($val);

        $sql = "DELETE FROM control10 WHERE userid = ? AND flled_at = ? AND count >

        ?"; $stmt = $conn->prepare($sql);

        if (!$stmt) {

            die("Error: " . $conn->error);

        }

        $stmt->bind_param("ssi", $UserID, $flledDate, $value);

        $stmt->execute();

        $stmt->close();

    }

} else {

    $query = "INSERT INTO control10 (userid, count, remarks, flled_at) VALUES (?, ?, ?, current_timestamp())";

    $stmt = $conn->prepare($query);


    if (!$stmt) {

        die("Error: " . $conn->error);
```

```php
    }


        $stmt->bind_param("sis", $UserID, $count, $remark);

        for ($i = 1; $i <= $_POST['count']; $i++) {

            $count = $_POST["count_" . $i];

            $remark = $_POST["remark_" . $i];

            $stmt->execute();

        }

        $stmt->close();

    }

    header("Location:submit.php");

}

?>
```

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Security Controls Form</title>

    <link rel="stylesheet" href="css/bootstrap.min.css">

</head>

<body>

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

  <a class="navbar-brand" href="index.php">Security Control Form</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="logout.php">Login</a>
```

```
        </li>
        <li class="nav-item">
          <a class="nav-link" href="profile.php">Profile</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="history.php">History</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="admin.php">Admin</a>
        </li>
      </ul>
    </div>
  </nav>
  <div class="container">
    <h2 style="text-align:right"><u>Annexure - 'B'</u></h2>
    <h2>Compliance Report on Security Controls for handling Cyber Incidents dated</h2>
    <form method="post" action="index.php">
      <table class="table table-bordered">
        <thead>
          <tr>
            <th scope="col">S. No.</th>
            <th scope="col">Security Control</th>
            <th scope="col">Compliance / Non-compliance</th>
            <th scope="col">Remarks, if any</th>
          </tr>
        </thead>
        <tbody>
          <tr>
            <td>1</td>
            <td>Control 1</td>
            <td>
              <select name="compliance_1">
                <option value="no">No</option>
```

```html
      <option value="yes">Yes</option>

    </select>

  </td>

  <td>

    <textarea name="remarks_1"></textarea>

  </td>

</tr>

<tr>

  <td>2</td>

  <td>Control 2</td>

  <td>

    <select name="compliance_2">

      <option value="no">No</option>

      <option value="yes">Yes</option>

    </select>

  </td>

  <td>

    <textarea name="remarks_2"></textarea>

  </td>

</tr>

<tr>

  <td>3</td>

  <td>Control 3</td>

  <td>

    <select name="compliance_3">

      <option value="no">No</option>

      <option value="yes">Yes</option>

    </select>

  </td>

  <td>

    <textarea name="remarks_3"></textarea>

  </td>

</tr>
```

```html
<tr>

    <td>4</td>

    <td>Control 4</td>

    <td>

      <select name="compliance_4">

        <option value="no">No</option>

        <option value="yes">Yes</option>

      </select>

    </td>

    <td>

      <textarea name="remarks_4"></textarea>

    </td>

</tr>

<tr>

    <td>5</td>

    <td>Control 5</td>

    <td>

      <select name="compliance_5">

        <option value="no">No</option>

        <option value="yes">Yes</option>

      </select>

    </td>

    <td>

      <textarea name="remarks_5"></textarea>

    </td>

</tr>

<tr>

    <td>6</td>

    <td>Control 6</td>

    <td>

      <select name="compliance_6">

        <option value="no">No</option>

        <option value="yes">Yes</option>
```

```html
          </select>

      </td>

      <td>

        <select name="remarks_6">

          <option value="Applicable">Applicable</option>

          <option value="Not Applicable">Not Applicable</option>

        </select>

      </td>

  </tr>

  <tr>

      <td>7</td>

      <td>Control 7</td>

      <td>

        <select name="compliance_7">

          <option value="no">No</option>

          <option value="yes">Yes</option>

        </select>

      </td>

      <td>

        <textarea name="remarks_7"></textarea>

      </td>

  </tr>

  <tr>

      <td>8</td>

      <td>Control 8</td>

      <td>

        <select name="compliance_8">

          <option value="no">No</option>

          <option value="yes">Yes</option>

        </select>

      </td>

      <td>

        <textarea name="remarks_8"></textarea>
```

```
            </td>
          </tr>
          <tr>
            <td>9</td>
            <td>Control 9</td>
            <td>
              <select name="compliance_9">
                <option value="no">No</option>
                <option value="yes">Yes</option>
              </select>
            </td>
            <td>
              <textarea name="remarks_9"></textarea>
            </td>
          </tr>
        <tr>
          <td>10</td>
          <td>Control 10</td>
          <td>
            <select name="compliance_10" id="control10">
              <option value="no">No</option>
              <option value="yes">Yes</option>
            </select>
            <br><br>
            <input type="number" placeholder="Enter the number ofrows to be inserted" id="count" style="display: none;"
name="count">
          </td>
          <td>
            <textarea name="remarks_10"></textarea>
          </td>
        </tr>
      </tbody>
    </table>
```

```html
      <table class="table table-bordered" id="additionalTable" style="display: none;">

        <thead>

          <tr>

            <th>Count</th>

            <th>Remarks</th>

          </tr>

        </thead>

        <tbody id="additionalTableBody">

          <!-- Additional rows will be dynamically added here -->

        </tbody>

      </table>

      <input type="submit" class="btn btn-primary mt-3 mb-3" value="Submit" name="submitForm" id="submitForm"> <input
      type="reset" class="btn btn-primary mt-3 mb-3" value="Reset" name="resetForm">

    </form>

</div>

<script type="text/javascript" src="js/jQuery.js"></script>

<script type="text/javascript" src="js/bootstrap.min.js"></script>

<script type="text/javascript">

$(document).ready(function(){

  $('#control10').on('change', function() {

    if ($(this).val() === 'yes') {

      $('#count').show();

      $('#additionalTable').show();

    } else {

      $('#count').hide();

      $('#additionalTable').hide();

    }

  });


  $('#count').on('input', function() {

    var count = parseInt($(this).val());

    var additionalTableBody = $('#additionalTableBody');

    additionalTableBody.empty();
```

```
            if (count > 0) {

                for (var i = 1; i <= count; i++) {

                    additionalTableBody.append('<tr><td><input type="text" name="count_' + i + '"></td><td><input type="text"
name="remark_' + i + '"></td></tr>');

                }

            }

        });

    });

</script>

</body>

</html>
```

submit.php :-

```
<?php

session_start();

if(!isset($_SESSION["user"])){

    header("Location:login.php");

}

if(isset($_POST["logout"])){

    header("Location:logout.php");

}

$UserID=$_SESSION["userID"];

require_once "confg.php";

$currMonth = date('m');

$currYear = date('Y');

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Security Control Report</title>

    <link rel="stylesheet" href="css/bootstrap.min.css">
```

```html
</head>
<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
  <a class="navbar-brand" href="index.php">Security Control Form</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="logout.php">Login</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="profle.php">Profle</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="history.php">History</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="admin.php">Admin</a>
      </li>
    </ul>
  </div>
</nav>
<?php
$sql="SELECT * FROM user WHERE userid='$UserID'";
$result=mysqli_query($conn,$sql);
$arr=mysqli_fetch_array($result,MYSQLI_ASSOC);
?>
<body id="body">
  <div class="container mt-3">
  <div id="printPage">
  <h2 style="text-align:right"><u>Annexure - 'B'</u></h2>
```

```php
  <h2>Compliance Report on Security Controls for handling Cyber Incidents dated</h2>

  <table class="table table-bordered">

<thead>

  <tr>

    <th scope="col">S.No.</th>

    <th scope="col">Security Control</th>

    <th scope="col">Compliance/Non-compliance</th>

    <th scope="col">Remarks,if any</th>

  </tr>

</thead>

<tbody>

    <?php for ($i = 1; $i <= 10; $i++) { ?>

        <?php

        $sql="SELECT * FROM securitycontrol WHERE userid='$UserID' AND control=$i";

        $result=mysqli_query($conn,$sql);

        $arr_res=mysqli_fetch_array($result,MYSQLI_ASSOC);

        ?>

    <tr>

        <td><?php echo $i; ?></td>

        <td>Control <?php echo $i; ?></td>

        <td>

          <?php

          echo $arr_res["compliance"];

          ?>

        </td>

        <td>

          <?php

          if($arr_res["remark"]==NULL)

          echo "NIL";

          else

          echo $arr_res["remark"];

          ?>

        </td>
```

```php
                    </tr>

                    <?php } ?>

            </tbody>

        </table>

        <?php

        $sql="SELECT * FROM control10 WHERE userid='$UserID' AND MONTH(flled_at)=$currMonth AND YEAR(flled_at)=$currYear";

        $result=mysqli_query($conn,$sql);

        #$arr_res1=mysqli_fetch_array($result,MYSQLI_ASSOC);

        $rowCount=mysqli_num_rows($result);

        ?>

        <?php if ($rowCount > 0) { ?>

            <table class="table table-bordered">

                <thead>

                    <tr>

                        <th scope="col">Count</th>

                        <th scope="col">Remarks, if any</th>

                    </tr>

                </thead>

                <tbody>

                    <?php while ($arr_res1 = mysqli_fetch_array($result, MYSQLI_ASSOC)) {

                        ?> <tr>

                            <td><?php echo $arr_res1["count"]; ?></td>

                            <td>

                                <?php

                                if ($arr_res1["remarks"] == NULL)

                                    echo "NIL";

                                else

                                    echo $arr_res1["remarks"];

                                ?>

                            </td>

                        </tr>

                    <?php } ?>

                </tbody>
```

```
        </table>
<?php } ?>



    <div>
        <p>It is also certifed that no incident of security threat has been reported in the division / group since past one month.In case of
any such incidence the same will be reported to Lab,ISO immediately.</p>
    </div>
    <div>
      <div align="right">
      <table>
        <tr>
          <td>Signature :</td>
          <td></td>
        </tr>
        <tr>
          <td>Name :</td>
          <td>
            <?php
              echo $arr["name"];
            ?>
          </td>
        </tr>
        <tr>
          <td>Rank :</td>
          <td>
            <?php
              echo $arr["rank"];
            ?>
          </td>
        </tr>
        <tr>
          <td>Group Name :</td>
```

```php
        <td>
            <?php
                echo $arr["groupname"];
            ?>
        </td>
    </tr>
    <tr>
        <td>Date :</td>
        <td>
            <?php
            if(is_null($arr_res))
            echo " ";
            else
            echo $arr_res["flled_at"];
            ?>
        </td>
    </tr>
</table>
</div>
<div align="left">
    <table>
        <tr>
            <td>Signature :</td>
            <td></td>
        </tr>
        <tr>
            <td>OIC Name :</td>
            <td>
            <?php
            echo $arr["oicname"];
            ?>
            </td>
        </tr>
```

```html
                <tr>

                  <td>OIC Designation : </td>

                  <td>

                  <?php

                  echo $arr["oicdesign"];

                  ?>

                  </td>

                </tr>

              </table>

          </div>

          <p>To,</p>

          <p>IT Department</p>

      </div>



      </div>

      <div class="form-btn">

        <button id="printBtn" class="btn btn-warning mb-3" onclick="printForm()">Print</button> <a

        href="logout.php" class="btn btn-warning mb-3">Logout</a>

      </div>

      </div>

  </form>

    <script type="text/javascript">

      function printForm(){

        var body=document.getElementById('body').innerHTML;

        var printableCont=document.getElementById('printPage').innerHTML;

        document.getElementById('body').innerHTML=printableCont;

        window.print();

        document.getElementById('body').innerHTML=body;

      }

    </script>

    <script src="js/jQuery.js"></script>

    <script src="js/bootstrap.min.js"></script>

</body>
```

</html>

profle.php :-

```php
<?php
session_start();
if(!isset($_SESSION["user"])){
  header("Location:login.php");
}
$UserID=$_SESSION["userID"];
require_once "confg.php";
$sql="SELECT * FROM user WHERE userid='$UserID'";
$result=mysqli_query($conn,$sql);
$arr=mysqli_fetch_array($result,MYSQLI_ASSOC);
?>
<?php
if(isset($_POST['edit'])){
    header("Location:edit.php");
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Profle Page</title>
    <link rel="stylesheet" href="css/bootstrap.min.css">
</head>
<body>
    <style>
      #edit{
         foat:right;
      }
    </style>
    <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
```

```html
  <a class="navbar-brand" href="index.php">Security Control Form</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="logout.php">Login</a>

    </li>

    <li class="nav-item">

     <a class="nav-link" href="profle.php">Profle</a>

    </li>

    <li class="nav-item">

     <a class="nav-link" href="history.php">History</a>

    </li>

    <li class="nav-item">

     <a class="nav-link" href="admin.php">Admin</a>

    </li>

   </ul>

  </div>

</nav>

   <div class="container mt-3">

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

   <button id="edit" class="btn btn-primary" name="edit">Edit Profle</button>

     <h2>Profle</h2>

     <hr>

     <table class="table table-striped table-bordered">

  <tbody>

   <tr>

    <td>Name</td>

    <td><?php echo $arr["name"]; ?></td>
```

```html
      </tr>

      <tr>

       <td>Email </td>

       <td><?php echo $arr["userid"]; ?></td>

      </tr>

      <tr>

       <td>Rank</td>

       <td><?php echo $arr["rank"]; ?></td>

      </tr>

      <tr>

       <td>Group Name</td>

       <td><?php echo $arr["groupname"]; ?></td>

      </tr>

      <tr>

       <td>OIC Name</td>

       <td><?php echo $arr["oicname"]; ?></td>

      </tr>

      <tr>

       <td>OIC Designation</td>

       <td><?php echo $arr["oicdesign"]; ?></td>

      </tr>

      <tr>

       <td>Registered Date</td>

       <td><?php echo $arr["flled_at"]; ?></td>

      </tr>

     </tbody>

    </table>

   </form>

   </div>

    <script src="js/jQuery.js"></script>

    <script src="js/bootstrap.min.js"></script>

   </body>

   </html>
```

edit.php :-

```php
<?php
session_start();
$UserID=$_SESSION["userID"];
require_once "confg.php";
if(!isset($_SESSION["user"])){
  header("Location:login.php");
}
if (isset($_POST['editprofle'])) {
    // Prepare the SQL statement for insertion
    $editrank = $_POST["rank"];
    $editgroupname = $_POST["groupname"];
    $editoicname = $_POST["oicname"];
    $editoicdesign = $_POST["oicdesign"];
    if (empty($editrank) OR empty($editgroupname) OR empty($editoicname) OR empty($editoicdesign)) {
        echo '<div class="alert alert-danger">All felds are required</div>';
    }
    else{
     $sql = "UPDATE user SET rank='$editrank', groupname='$editgroupname', oicname='$editoicname',
oicdesign='$editoicdesign' WHERE userid='$UserID'";
    $stmt = mysqli_stmt_init($conn);
    $stmt = $conn->prepare($sql);
    $stmt->bind_param("ssss", $editrank, $editgroupname, $editoicname, $editoicdesign);
    $stmt->execute();
    $stmt->close();
    $conn->close();
   header("Location: profle.php");
    exit();
    }
}
?>
<!DOCTYPE html>
<html lang="en">
```

```html
<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Edit Profle</title>

    <link rel="stylesheet" href="css/bootstrap.min.css">

</head>

<body>

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

  <a class="navbar-brand" href="index.php">Security Control Form</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="logout.php">Login</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="profle.php">Profle</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="history.php">History</a>

      </li>

      <li class="nav-item">

        <a class="nav-link" href="admin.php">Admin</a>

      </li>

    </ul>

  </div>

</nav>

    <div class="container mt-3">

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

      <div class="mb-3">
```

```html
    <label for="rank" class="form-label">Rank</label>

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

   </div>

   <div class="mb-3">

    <label for="groupname" class="form-label">Group Name</label>

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

   </div>

   <div class="mb-3">

    <label for="oicname" class="form-label">OIC Name</label>

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

   </div>

   <div class="mb-3">

    <label for="oicdesign" class="form-label">OIC Designation</label>

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

   </div>

   <input type="submit" class="btn btn-primary" value="Edit" name="editprofle">

  </form>

  </div>

  <script src="js/jQuery.js"></script>

  <script src="js/bootstrap.min.js"></script>

</body>

</html>
```

admin.php :-

```php
<?php

session_start();

if (!isset($_SESSION["user"])) {

   header("Location:login.php");

}

$UserID = $_SESSION["userID"];

require_once "confg.php";

$sql = "SELECT * FROM user WHERE userid='$UserID'";

$result = mysqli_query($conn, $sql);

$arr = mysqli_fetch_array($result, MYSQLI_ASSOC);
```

```php
if ($arr["admin"] === "yes") {

    require_once "removeuser.php";

}else {

    echo '<div class="alert alert-warning alert-dismissible fade show" role="alert">Sorry ! Only admin can access this page.

    <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>

  </div>';

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Admin</title>

    <link rel="stylesheet" href="css/bootstrap.min.css">

</head>

<body>

    <script src="js/jQuery"></script>

    <script src="js/bootstrap.min.js"></script>

</body>

</html>
```

removeuser.php :-

```php
<?php

require_once "confg.php";

if (isset($_POST['removeuser'])) {

    $removeID = $_POST["remove"];

    $sql = "SELECT * FROM user WHERE userid='$removeID'";

    $result = mysqli_query($conn, $sql);

    $rowCount = mysqli_num_rows($result);

    if ($rowCount > 0) {

        $sql = "DELETE FROM user WHERE userid='$removeID'";

        $stmt = mysqli_stmt_init($conn);
```

```php
        $prepareStmt = mysqli_stmt_prepare($stmt, $sql);

        if ($prepareStmt) {

            mysqli_stmt_execute($stmt);

            header("Location: removeuser.php");

        }

    } else {

      echo '<div class="alert alert-warning alert-dismissible fade show" role="alert">Entered email address does not exist.

       <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>

    </div>';

    }

}

?>
```

```html
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Admin Rights</title>

    <link rel="stylesheet" href="css/bootstrap.min.css">

</head>

<body>

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

  <a class="navbar-brand" href="index.php">Security Control Form</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="logout.php">Login</span></a>

      </li>

      <li class="nav-item">
```

```html
      <a class="nav-link" href="profIe.php">Profle</a>

    </li>

    <li class="nav-item">

      <a class="nav-link" href="history.php">History</a>

    </li>

    <li class="nav-item">

      <a class="nav-link" href="admin.php">Admin</a>

    </li>

  </ul>

 </div>

</nav>

<div class="container mt-4">

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

<div class="mb-3">

    <label for="removedata" class="form-label">Search here the email address of user whose data to be removed</label>

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

  </div>

  <div class="form-btn">

    <input type="submit" class="btn btn-primary" value="Remove data" name="removeuser">

  </div>

</form>

</div>

<script src="js/jQuery.js"></script>

<script src="js/bootstrap.min.js"></script>

</body>

</html>
```

history.php :-

```php
<?php

session_start();

$UserID = $_SESSION["userID"];

require_once "confg.php";

if (isset($_POST['showhistory'])) {

 $_SESSION["selectedMonth"] = $_POST["historyMonth"];
```

```php
  $_SESSION["selectedYear"] = $_POST["historyYear"];

  $selectedMonth = $_SESSION["selectedMonth"];

  $selectedYear = $_SESSION["selectedYear"];

  $sql = "SELECT * FROM securitycontrol WHERE userid='$UserID' AND MONTH(flled_at)='$selectedMonth' AND
YEAR(flled_at)='$selectedYear'";

  $result = mysqli_query($conn, $sql);

  $rowCount = mysqli_num_rows($result);

  $_SESSION["arr"] = mysqli_fetch_array($result,

  MYSQLI_ASSOC); if ($rowCount > 0) {

   header("Location: showhistory.php");

   exit();

  } else {

   echo '<div class="alert alert-warning alert-dismissible fade show" role="alert">No records found for this month.

   <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>

  </div>';

  }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

   <meta charset="UTF-8">

   <meta name="viewport" content="width=device-width, initial-scale=1.0">

   <title>Document</title>

   <link rel="stylesheet" href="css/bootstrap.min.css">

</head>

<body>

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

  <a class="navbar-brand" href="index.php">Security Control Form</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>
```

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

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

    <li class="nav-item active">

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

    </li>

    <li class="nav-item">

     <a class="nav-link" href="profle.php">Profle</a>

    </li>

    <li class="nav-item">

     <a class="nav-link" href="history.php">History</a>

    </li>

    <li class="nav-item">

     <a class="nav-link" href="admin.php">Admin</a>

    </li>

   </ul>

  </div>

 </nav>

 <div class="container mt-4">

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

 <div class="mb-3">

     <label for="history" class="form-label">Search here the month</label> <input

    type="text" name="historyMonth" class="form-control" id="month"> <label

    for="history" class="form-label">Search here the year</label> <input type="text"

    name="historyYear" class="form-control" id="year"> </div>


    <div class="form-btn">

     <input type="submit" class="btn btn-primary" value="Show history" name="showhistory">

    </div>

 </form>

 </div>

 <script src="js/jQuery.js"></script>

 <script src="js/bootstrap.min.js"></script>

 </body>
```

</html>

showhistory.php :-

```php
<?php
session_start();
$UserID = $_SESSION["userID"];
$arr = $_SESSION["arr"];
$selectedMonth = $_SESSION["selectedMonth"];
$selectedYear = $_SESSION["selectedYear"];


require_once "confg.php";


$sql = "SELECT * FROM user WHERE userid='$UserID'";
$result = mysqli_query($conn, $sql);
$arrUser = mysqli_fetch_array($result, MYSQLI_ASSOC);


$currMonth = date('m');
$currYear = date('Y');
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet" href="css/bootstrap.min.css"> <title>Document</title>

</head>
<body>
<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
  <a class="navbar-brand" href="index.php">Security Control Form</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>
```

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

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

    <li class="nav-item active">

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

    </li>

    <li class="nav-item">

      <a class="nav-link" href="profle.php">Profle</a>

    </li>

    <li class="nav-item">

      <a class="nav-link" href="history.php">History</a>

    </li>

    <li class="nav-item">

      <a class="nav-link" href="admin.php">Admin</a>

    </li>

  </ul>

</div>

</nav>

<div class="container mt-3">

  <div id="printPage">

  <h2 style="text-align:right"><u>Annexure - 'B'</u></h2>

  <h2>Compliance Report on Security Controls for handling Cyber Incidents dated</h2>

  <table class="table table-bordered">

<thead>

  <tr>

    <th scope="col">S.No.</th>

    <th scope="col">Security Control</th>

    <th scope="col">Compliance/Non-compliance</th>

    <th scope="col">Remarks,if any</th>

  </tr>

</thead>

<tbody>

    <?php for ($i = 1; $i <= 10; $i++) { ?>
```

```php
        <?php
        $sql="SELECT * FROM securitycontrol WHERE userid='$UserID' AND control=$i AND
MONTH(flled_at)='$selectedMonth' AND YEAR(flled_at)='$selectedYear'";
        $result=mysqli_query($conn,$sql);
        $arr_res=mysqli_fetch_array($result,MYSQLI_ASSOC);
        ?>
      <tr>
        <td><?php echo $i; ?></td>
        <td>Control <?php echo $i; ?></td>
        <td>
           <?php
           echo $arr_res["compliance"];
           ?>
        </td>
        <td>
           <?php
           echo $arr_res["remark"];
           ?>
        </td>
        </tr>
        <?php } ?>
   </tbody>
</table>
<?php
$sql="SELECT * FROM control10 WHERE userid='$UserID' AND MONTH(flled_at)=$currMonth AND YEAR(flled_at)=$currYear";
$result=mysqli_query($conn,$sql);
#$arr_res1=mysqli_fetch_array($result,MYSQLI_ASSOC);
$rowCount=mysqli_num_rows($result);
?>
<?php if ($rowCount > 0) { ?>
   <table class="table table-bordered">
      <thead>
        <tr>
```

```php
          <th scope="col">Count</th>

          <th scope="col">Remarks, if any</th>

        </tr>

      </thead>

      <tbody>

        <?php while ($arr_res1 = mysqli_fetch_array($result, MYSQLI_ASSOC)) {

          ?> <tr>

            <td><?php echo $arr_res1["count"]; ?></td>

            <td>

              <?php

              if ($arr_res1["remarks"] == NULL)

                echo "NIL";

              else

                echo $arr_res1["remarks"];

              ?>

            </td>

          </tr>

        <?php } ?>

      </tbody>

    </table>

<?php } ?>


  <div>

    <p>It is also certifed that no incident of security threat has been reported in the division / group since past one month.In case of
any such incidence the same will be reported to Lab,ISO immediately.</p>

  </div>

  <div>

    <div align="right">

    <table>

      <tr>

        <td>Signature :</td>

        <td></td>

      </tr>
```

```php
    <tr>

      <td>Name :</td>

      <td>

        <?php

            echo $arrUser["name"];

        ?>

      </td>

    </tr>

    <tr>

      <td>Rank :</td>

      <td>

        <?php

            echo $arrUser["rank"];

        ?>

      </td>

    </tr>

    <tr>

      <td>Group Name :</td>

      <td>

        <?php

            echo $arrUser["groupname"];

        ?>

      </td>

    </tr>

    <tr>

      <td>Date :</td>

      <td>

        <?php

            echo $arr_res["flled_at"];

        ?>

      </td>

    </tr>

</table>
```

```
        </div>

        <div align="left">

          <table>

            <tr>

              <td>Signature :</td>

              <td></td>

            </tr>

            <tr>

              <td>OIC Name :</td>

              <td>

              <?php

              echo $arrUser["oicname"];

              ?>

              </td>

            </tr>

            <tr>

              <td>OIC Designation : </td>

              <td>

              <?php

              echo $arrUser["oicdesign"];

              ?>

              </td>

            </tr>

          </table>

        </div>

        <p>To,</p>

        <p>IT Department</p>

</div>

</div>

<button id="printBtn" class="btn btn-warning mb-3" onclick="printForm()">Print</button>

<script type="text/javascript">

  function printForm(){

      var body=document.getElementById('body').innerHTML;
```

```
        var printableCont=document.getElementById('printPage').innerHTML;

        document.getElementById('body').innerHTML=printableCont;

        window.print();

        document.getElementById('body').innerHTML=body;

    }

</script>

<script src="js/jQuery.js"></script>

<script src="js/bootstrap.min.js"></script>


</body>

</html>
```
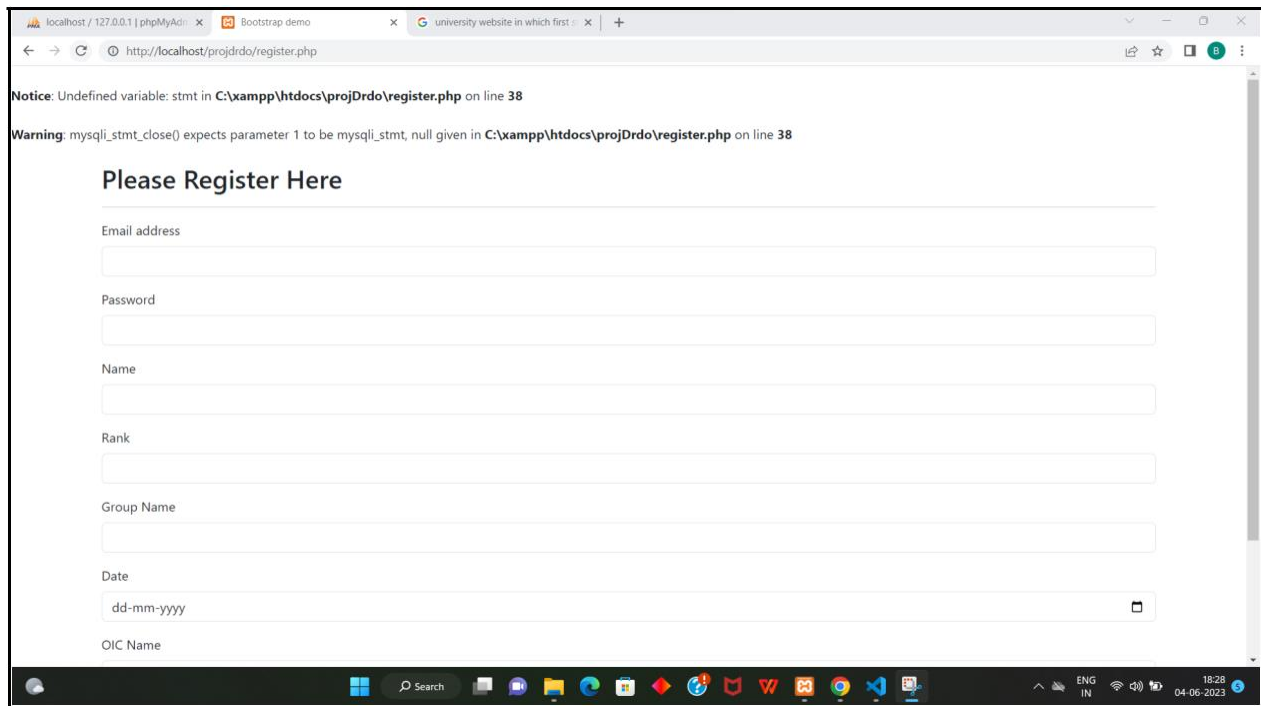
logout.php :-

```php
<?php

session_start();

session_destroy();

header("Location: login.php");

?>
```

Chapter 5

Testing :-

These are some errors which occurred in the testing of website

Issue :-

Undefined variable: stmt in C:\xampp\htdocs\projDrdo\register.php

Solution :-

The variable stmt used in the code without declaration therefore this error occurred.To solve this issue the stmt variable is declared as given below :

```
$stmt=mysqli_stmt_init($conn);
```

Issue :- mysqli_stmt_close() expects parameter 1 to be mysqli_stmt,null given in C:\xampp\htdocs\projDrdo\register.php

Solution :- As stmt was again used in code that's why after the above solution this error was also resolved.

Chapter 6
Results

Registration Page :-

Please Register Here

Email address

admin@example.com

Password

·········

Name

admin

Rank

rank

Group Name

groupname

OIC Name

oic name

OIC Designation

oic designation

Are you admin? No ▼

[Sign Up] [Log In]

On Sign Up :-

Please Login Here

Email address

admin@example.com

Password

·········

[Login] [Sign Up]

Forgot Password ?

After login :-

Annexure - 'B'

Compliance Report on Security Controls for handling Cyber Incidents dated

S. No.	Security Control	Compliance / Non-compliance	Remarks, if any
1	Control 1	No ▾	
2	Control 2	No ▾	
3	Control 3	No ▾	
4	Control 4	No ▾	
5	Control 5	No ▾	
6	Control 6	No ▾	Applicable ▾
7	Control 7	No ▾	
8	Control 8	No ▾	

if user forgot password :-

Password reset

http://localhost/bbreportproject/forgotpwd.php

Password Reset

Email address

admin@example.com

Enter new password

••••••••

Reset Password

Security control form for submitting monthly report :-

Annexure - 'B'

Compliance Report on Security Controls for handling Cyber Incidents dated

S. No.	Security Control	Compliance / Non-compliance	Remarks, if any
1	Control 1	No ▾	
2	Control 2	No ▾	
3	Control 3	No ▾	
4	Control 4	No ▾	
5	Control 5	No ▾	
6	Control 6	No ▾	Applicable ▾

S. No.	Security Control	Compliance / Non-compliance	Remarks, if any
7	Control 7	No ▾	
8	Control 8	No ▾	
9	Control 9	No ▾	
10	Control 10	Yes ▾ 2	

Count	Remarks
1	remark 1
2	remark 2

Submit   Reset

After form submission :-

Annexure - 'B'

Compliance Report on Security Controls for handling Cyber Incidents dated

S.No.	Security Control	Compliance/Non-compliance	Remarks,if any
1	Control 1	no	NIL
2	Control 2	no	NIL
3	Control 3	no	NIL
4	Control 4	no	NIL
5	Control 5	no	NIL
6	Control 6	no	Applicable
7	Control 7	no	NIL
8	Control 8	no	NIL
9	Control 9	no	NIL
10	Control 10	yes	NIL

Count	Remarks, if any
1	remark 1
2	remark 2

It is also certified that no incident of security threat has been reported in the division / group since past one month.In case of any such incidence the same will be reported to Lab,ISO immediately.

Signature :
Name :   admin
Rank :   editrank
Group Name : editgroupname
Date :   2023-07-12 18:49:11

Signature :
OIC Name :   editoicname
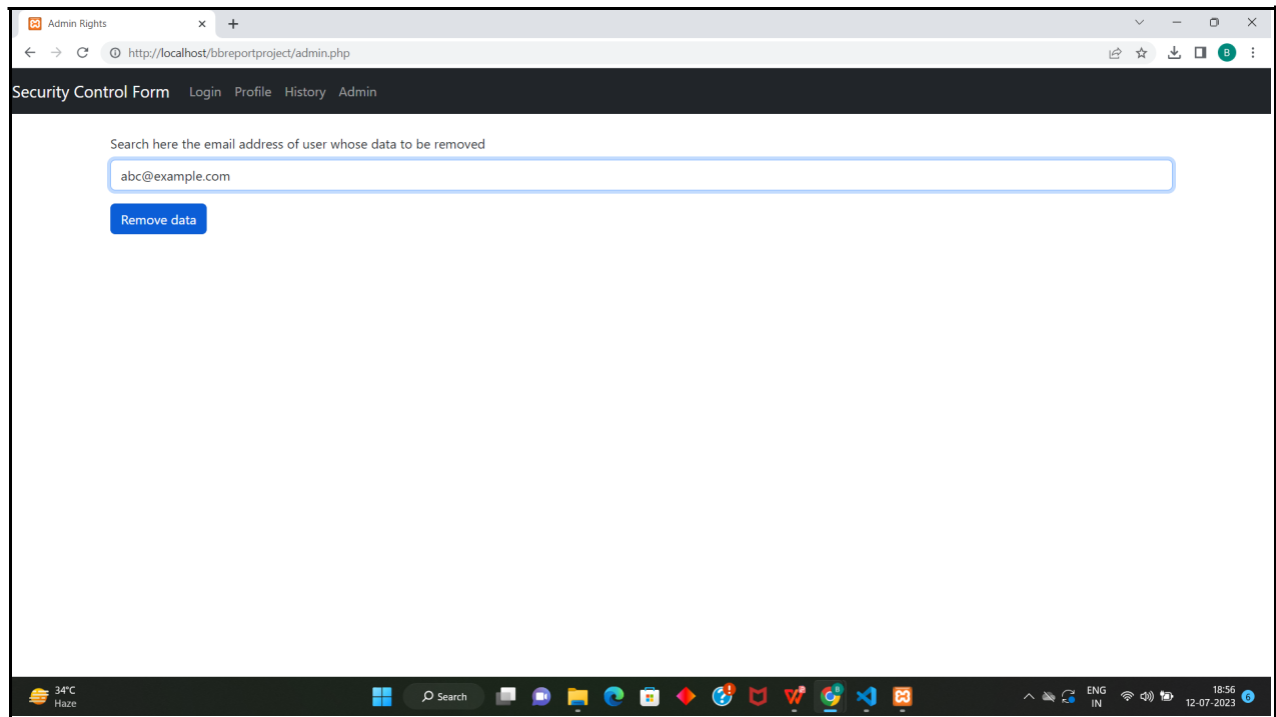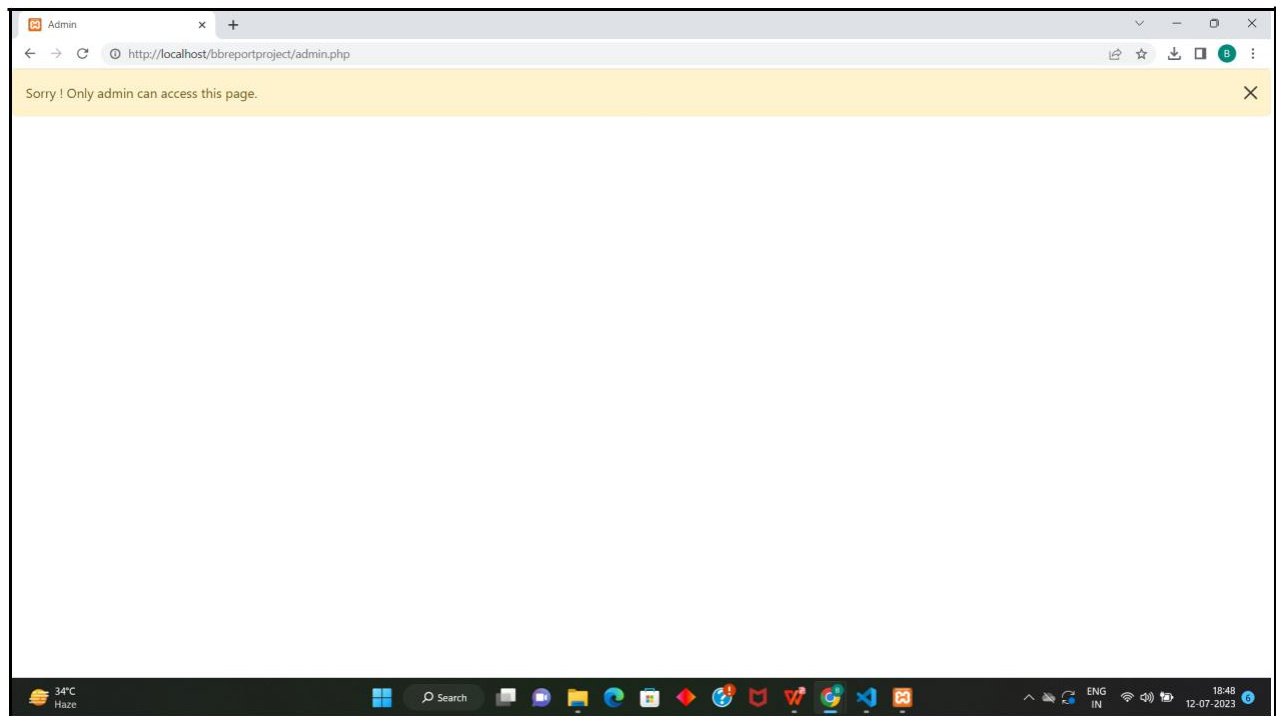OIC Designation :editoicdesign
To,

IT Department

Print   Logout

If user is an admin :- User can delete unauthorized persons

If user is not an admin :-

To see the history of any month of year :-

History of that month of year :-

Annexure – 'B'

Compliance Report on Security Controls for handling Cyber Incidents dated

S.No.	Security Control	Compliance/Non-compliance	Remarks,if any
1	Control 1	no	
2	Control 2	no	
3	Control 3	no	
4	Control 4	no	
5	Control 5	no	
6	Control 6	no	Applicable
7	Control 7	no	
8	Control 8	no	
9	Control 9	no	
10	Control 10	yes	

Count	Remarks, if any
1	remark 1
2	remark 2

It is also certified that no incident of security threat has been reported in the division / group since past one month.In case of any such incidence the same will be reported to Lab,ISO immediately.

Signature :
Name :   admin
Rank :   editrank
Group Name : editgroupname
Date :   2023-07-12 18:49:11

Signature :
OIC Name :   editoicname
OIC Designation : editoicdesign
To,

IT Department

Print