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ASSIGNMENT 2: DOCUMENT MANAGEMENT SYSTEM (DMS)

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1.0 Introduction

The Document Management System (DMS) is a powerful software solution that simplifies the process of storing, organizing, and retrieving digital documents. The DMS provides a user-friendly interface and a comprehensive range of functionality to fulfill your document management needs, whether you are an individual, a small corporation, or a large enterprise.

The Document Management System's major goal is to overcome the difficulties associated with traditional paper-based document storage and retrieval. There are various advantages to installing the DMS. It offers effective document storage, allowing you to electronically keep a large collection of documents, decreasing the need for physical storage space and avoiding the danger of misplacement or damage.

Furthermore, with comprehensive security features such as user identification and access controls, the DMS offers better document security. This guarantees that only authorized personnel have access to critical papers, protecting your precious data.

The technology also provides quicker document retrieval capabilities as well as enhanced search capabilities. You may save time and effort by rapidly locating certain documents based on essential information such as document type, date, or keywords.

Another important element of the DMS is collaborative document management. It enables seamless team communication by allowing document sharing and version control, ensuring that everyone has access to the most up-to-date information

Furthermore, by keeping an audit trail, the solution helps compliance and auditing operations. This assures regulatory compliance and makes historical papers easier to retrieve during audits or legal processes.

To improve document management even further, the DMS lets you index documents with crucial information such as title, author, date, and keywords. This allows for efficient classification and retrieval. The system also contains strong access control measures that ensure papers are only available to authorized users while also protecting sensitive information.

Finally, the Document Management System is an effective instrument for streamlining the processes of document storage, retrieval, and collaboration. You may boost productivity, increase data security, and optimize your organization's document management operations by deploying this solution. This user guide will help you understand the system's capabilities and get the most out of your document management experience.

2.0 Overview of project

A document management system (DMS) is a software solution that allows organizations to store, manage, track, and control their digital documents and files in a centralized repository. The Document Management System (DMS) project aims to develop a comprehensive and user-friendly solution for managing documents within an organization. The system will streamline the process of document creation, storage, retrieval, and collaboration, ultimately enhancing productivity and reducing administrative overheads. The DMS offers a variety of capabilities to fulfill your document management needs, whether you are an individual, small business, or large corporation. Here's an overview of a typical document management system project:

1. Project Initiation:

- Identify the need for a DMS and define project objectives.
- Form a project team and allocate resources.
- Conduct a feasibility study and define the project scope.
- Establish a project timeline and budget.

2. Development:

- Develop the DMS software based on the approved system design.
- Implement core functionalities like document upload, versioning, check-in/check-out, access control, and metadata management.
- Integrate the DMS with other systems, such as content management systems, CRM systems, or email clients.
- Implement search functionality to enable users to quickly find documents based on various criteria.

3. System Design:

- Design the overall system architecture, including the database structure, user interface, and integration points.
- Determine the technology stack and infrastructure requirements.
- Create wireframes or prototypes to visualize the user interface and gather feedback from stakeholders.
- Design security mechanisms to protect sensitive documents and ensure data privacy.

4. Testing and Quality Assurance:

- Perform unit testing, integration testing, and system testing to ensure the DMS functions as expected.
- Conduct user acceptance testing (UAT) with selected stakeholders to validate that the system meets their requirements.
- Identify and resolve any bugs or issues discovered during testing.

5. Maintenance and Support:

- Provide ongoing technical support for users and administrators.
- Monitor system performance and conduct periodic maintenance tasks like backups, updates, and security patches.
- Gather user feedback and implement enhancements or new features as needed.
- Regularly review and improve system security measures to protect against potential vulnerabilities.

3.0 System modules available in the system

3.1 User Management Module

This module focuses on managing user accounts and permissions within the DMS. It allows administrators to create and manage user profiles, assign roles and permissions, and control access to various features and documents within the system. User management ensures proper authentication and authorization for secure document management.

3.2 Document Upload Module

The Document Upload Module enables users to upload documents into the DMS. It provides an interface for selecting files from local storage or other sources, such as cloud storage or scanning devices. This module may include features like file validation, metadata extraction, and version control to ensure accurate and organized document storage.

3.3 Document Organization Module

The Document Organization Module facilitates the categorization and organization of documents within the DMS. It typically includes features such as folder creation, tagging, and metadata management. This module helps users create a logical structure and taxonomy for storing and retrieving documents, making it easier to locate specific files and maintain an organized document repository.

3.4 Document Access Control Module

The Document Access Control Module governs the access rights and permissions for documents stored in the DMS. It allows administrators to define access levels, assign permissions to user roles or individual users, and control actions like reading, writing, edit, or delete for each document. This module ensures that sensitive or confidential documents are only accessible to authorized individuals and helps maintain data security.

4.0 Functionalities of Modules

4.1 User Management Module

- Creation and management of user accounts within the DMS.
- User authentication and authorization to ensure secure access.
- Assignment of roles and permissions to control user actions and privileges.
- User profile management, including personal information, preferences, and settings.

4.2 Document Upload Module

- Uploading documents into the DMS from various sources.
- Support for different file formats, such as PDF, Word, Excel, etc.
- File validation to ensure data integrity and prevent unauthorized files.
- Extraction of document metadata, such as title, author, date, etc.
- Version control to manage different versions of a document.

4.3 Document Organization Module

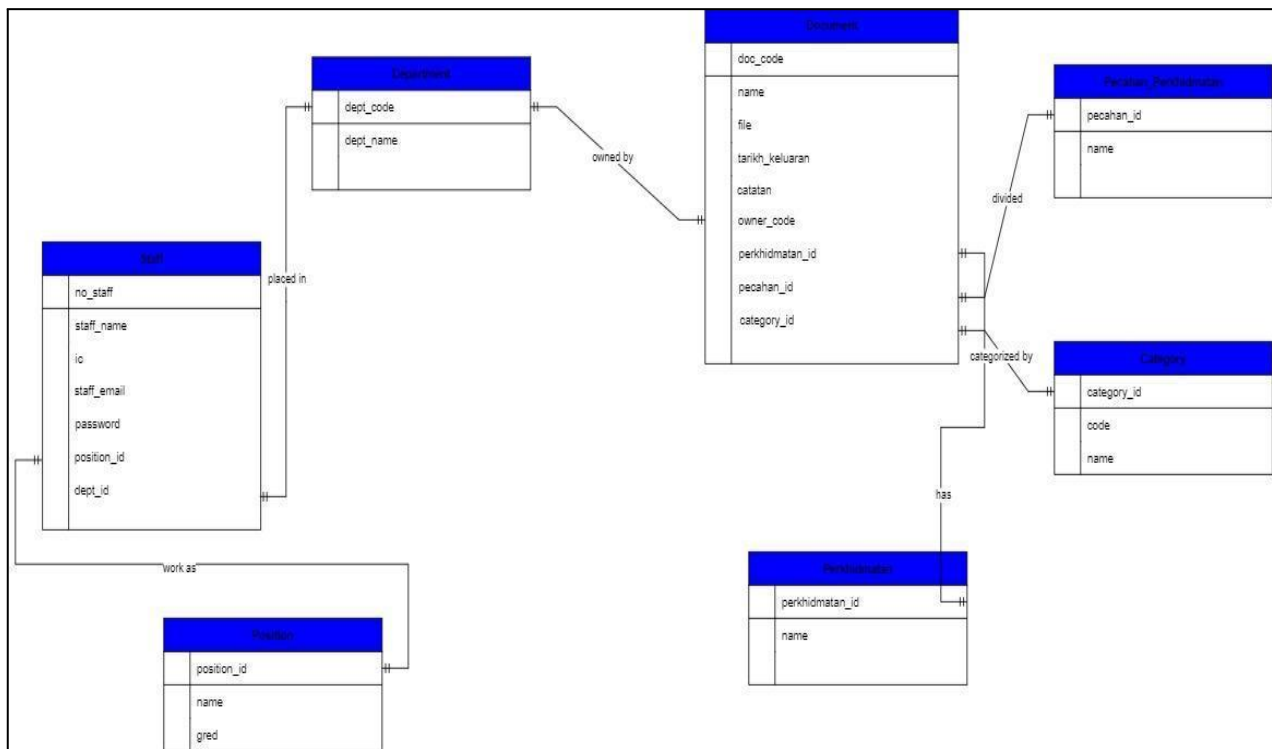
- Creation and management of folders or directories for organizing documents.
- Categorization and tagging of documents for easy search and retrieval.
- Metadata management, allowing users to add additional information to documents.
- Hierarchical structure to establish a logical organization of files.
- Integration with indexing and search functionalities for efficient document retrieval.

4.4 Document Access Control Module

- Defining access levels and permissions for different user roles or individuals.
- Controlling actions like reading, writing, editing, and deleting for each document.
- Granting or revoking access privileges based on user authorization.
- Ensuring document security and preventing unauthorized access.
- Audit trails and logging to track document access and modifications.

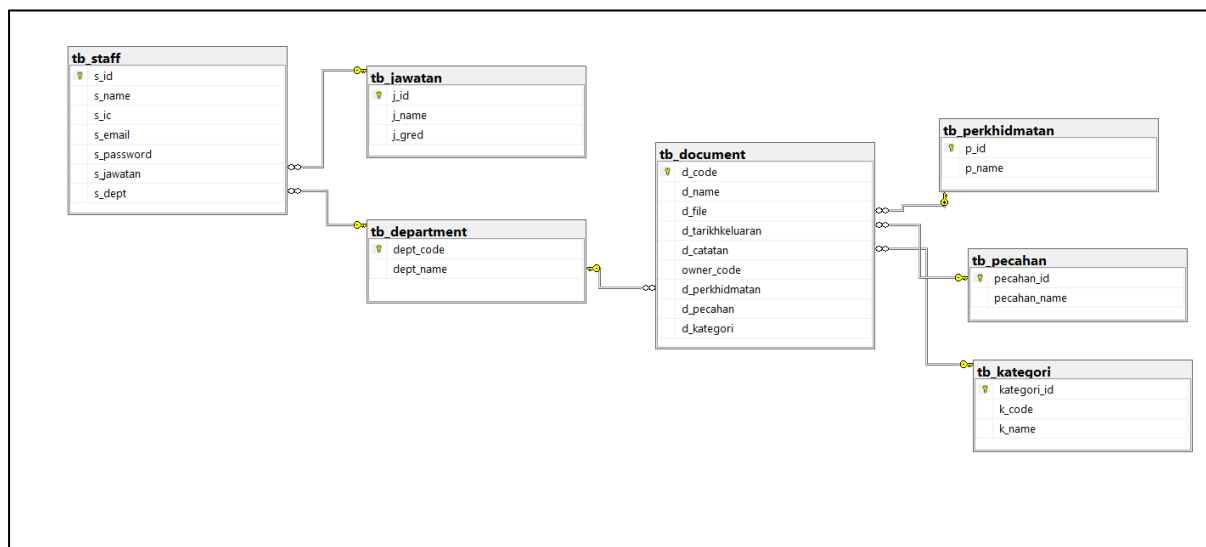
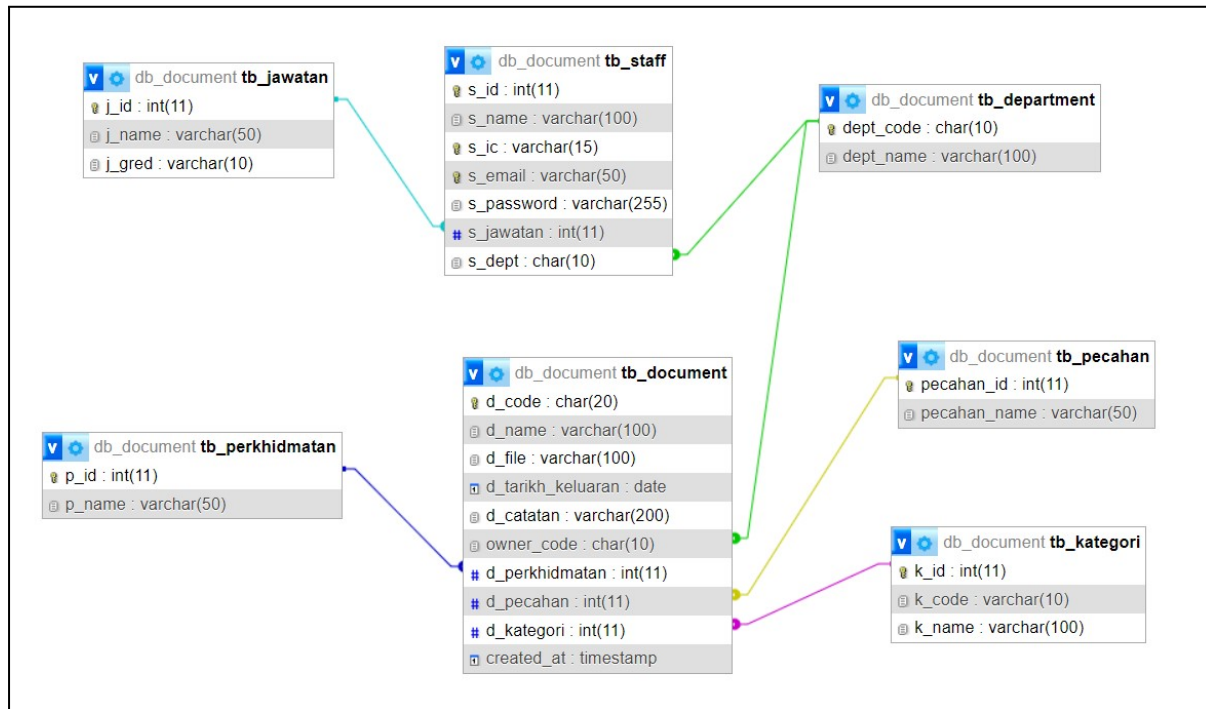
These functionalities provide a solid foundation for a Document Management System. Depending on the specific system and requirements, additional features like document workflow management, collaboration tools, search and retrieval capabilities, retention and archiving options, and integration with other systems may also be included.

3.2 Conceptual ERD

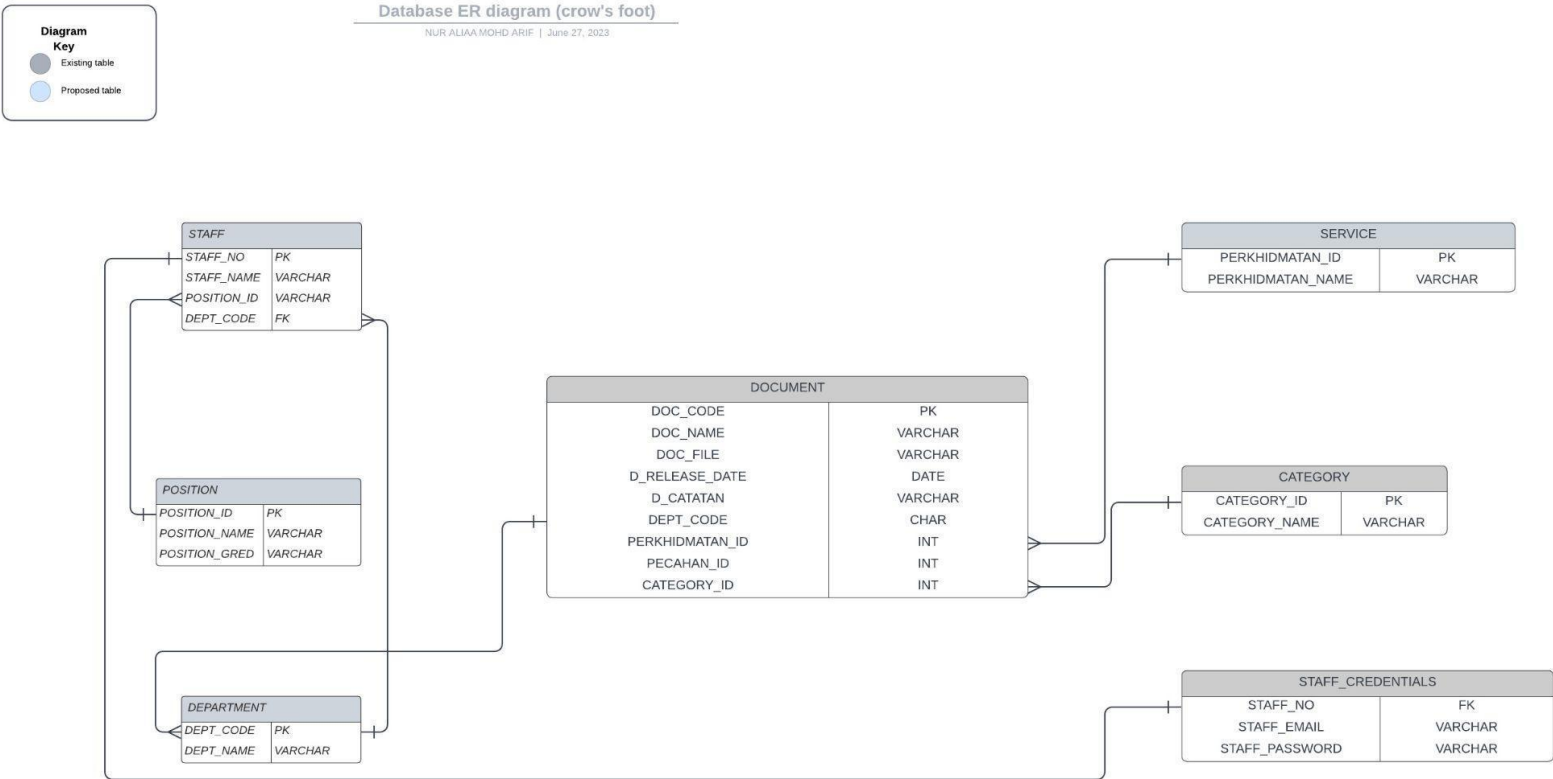


5.0 DB Logical Design

4.1 Logical ERD



6.0 Relational DB Schemas (after normalization)



7.0 Source code

Authentication Module

Connection.php

```
connection.php > ...
1  <?php
2  $servername = "localhost";
3  $username = "root";
4  $password = "";
5  $dbname = "db_dms";
6
7  $mysqli = new mysqli($servername, $username, $password, $dbname);
8
9  //check connection
10 if($mysqli)
11 {
12 }
13 else
14 {
15     die("Connection failed: " . mysqli_connect_error());
16 }
17
18
19 ?>
```

Login.php

```
authentication > login.php > ...
1  <?php
2  // Check if username and password are correct. Username and Password already set to "php","php"
3  require_once("../connection.php");
4
5  $username=$_POST['s_email'];
6  $password=$_POST['s_password'];
7
8  $query = "SELECT * FROM tb_staff WHERE s_email = '$username'";
9  $result = mysqli_query($mysqli, $query);
10
11 if ($result && mysqli_num_rows($result) > 0) {
12     // User exists, check password
13     $user = mysqli_fetch_assoc($result);
14     if (password_verify($password, $user['s_password'])) {
15         session_start(); //start the session
16         $_SESSION["Login"] = "YES";
17         $_SESSION['user'] = $user;
18         $_SESSION['username'] = $user['s_name'];
19         $_SESSION['role'] = $user['role'];
20         header('Location: ../folder-user/profile.php');
21         exit;
22     } else {
23         // Invalid password
24         echo 'Kata Laluan Tidak Sepadan.';
25     }
26 } else {
27     session_start();
28     $_SESSION["Login"] = "NO";
29 }
```

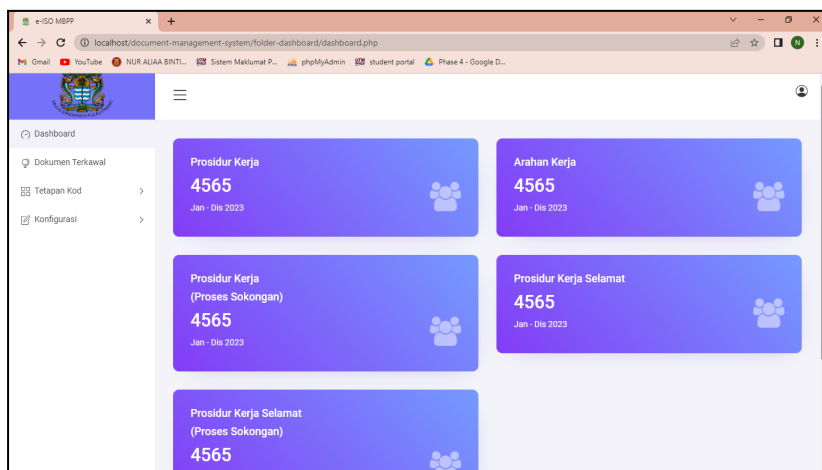
Logout.php

```
1  <?php
2  session_start();
3
4
5  // if the user is logged in, unset the session
6  if (isset($_SESSION['USER']))
7  {
8      unset($_SESSION['USER']);
9  }
10 session_destroy(); //destroy the session
11
12
13 // go to login page
14 header('Location: ../authentication/page-login.html');
15 exit;
16
```

Dashboard.php

```
<?php
session_start();
if (isset($_SESSION['user'])) {
    // Set the content file to include
    $content = "../layout/home.php";

    // Include the base template
    include "../layout/induk.php";
} else {
    // Redirect to login page or handle unauthorized access
    header('Location: ../authentication/page-login.html');
    exit();
}
```



page-login.html

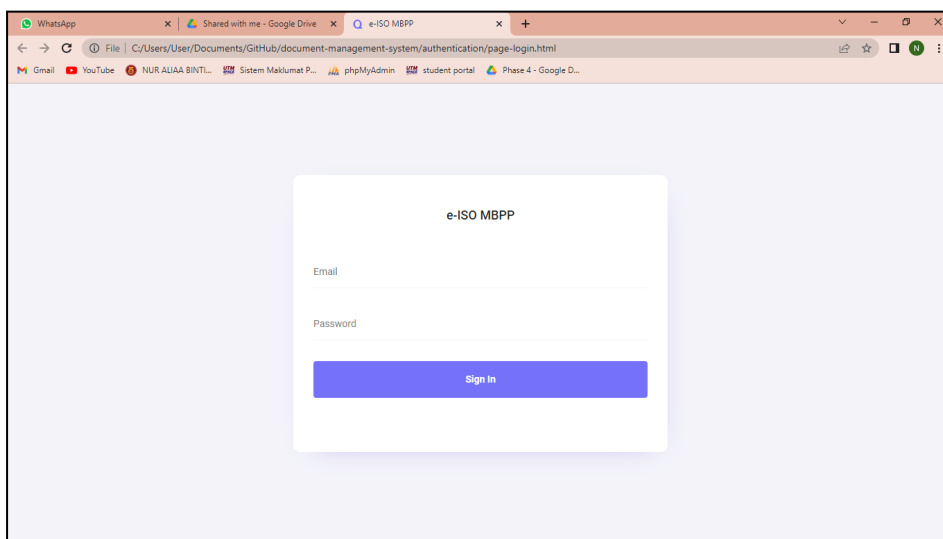
```
<!DOCTYPE html>
<html class="h-100" lang="en">

<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width,initial-scale=1">
  <title>e-ISO MBPP</title>
  <!-- Favicon icon -->
  <link rel="icon" type="image/png" sizes="16x16" href="../../images/favicon.png">
  <link href="../../css/style.css" rel="stylesheet">
</head>

<body class="h-100">
  <div class="login-form-bg h-100">
    <div class="container h-100">
      <div class="row justify-content-center h-100">
        <div class="col-xl-6">
          <div class="form-input-content">
            <div class="card login-form mb-0">
              <div class="card-body pt-5">
                <a class="text-center" href="index.html"> <h4>e-ISO MBPP</h4></a>

                <form class="mt-5 mb-5 login-input" action="login.php" method="post">
                  <div class="form-group">
                    <input type="email" class="form-control" placeholder="Email" name="s_email">
                  </div>
                  <div class="form-group">
                    <input type="password" class="form-control" placeholder="Password" name="s_password">
                  </div>
                  <button class="btn login-form_btn submit w-100">Sign In</button>
                </form>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>

  <!--Scripts-->
  <script src="plugins/common/common.min.js"></script>
  <script src="js/custom.min.js"></script>
  <script src="js/settings.js"></script>
  <script src="js/gleek.js"></script>
  <script src="js/styleSwitcher.js"></script>
</body>
</html>
```



User Module

insertUser.php

```
<?php
session_start();

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

    // Check if the form is submitted
    if ($_SERVER["REQUEST_METHOD"] == "POST") {
        // Retrieve the form data
        $id = $_POST['s_id'];
        $name = $_POST['s_name'];
        $ic = $_POST['s_ic'];
        $email = $_POST['s_email'];
        $password = password_hash($_POST['s_password'], PASSWORD_DEFAULT); // Encrypt the password using password_hash()
        $jawat = $_POST['s_jawatan'];
        $jab = $_POST['s_dept'];
        $role = $_POST['role'];

        require_once ("../connection.php");
        // Prepare the SQL statement
        $sql = "INSERT INTO tb_staff (s_id, s_name, s_ic, s_email, s_password, s_jawatan, s_dept, role) VALUES (?, ?, ?, ?, ?, ?, ?, ?)";
        $stmt = $mysqli->prepare($sql);

        // Bind the parameters to the statement
        $stmt->bind_param("isisssss", $id, $name, $ic, $email, $password, $jawat, $jab, $role);

        // Execute the statement
        if ($stmt->execute()) {
            // Close the statement and connection
            $stmt->close();
            $mysqli->close();

            header('Location: ../folder-user/index.php');
            exit();
        } else {
            // Close the statement and connection
            $stmt->close();
            $mysqli->close();

            header('Location: ../folder-user/register.php');
            exit();
        }
    }
} else {
    // Redirect to login page or handle unauthorized access
    header('Location: ../authentication/page-login.html');
    exit();
}
```


editUser.php

```
<?php
session_start();

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

    if (isset($_GET['id'])) {
        $id = $_GET['id'];

        require_once("../connection.php");
        $sql = "SELECT * FROM tb_staff WHERE s_id = $id";
        $result = mysqli_query($mysqli, $sql);
        $user = $result->fetch_assoc();

        // Retrieve documents from the database
        $jawatan = "SELECT * FROM tb_jawatan";
        $jabat = $mysqli->query($jawatan);

        // Retrieve data from tb_pecahan
        $jabatan = "SELECT * FROM tb_department";
        $jab = $mysqli->query($jabatan);

        $mysqli->close();
    }

    $content = "../layout/folder-user/edit.php";

    // Include the base template
    include "../layout/induk.php";
} else {
    // Redirect to login page or handle unauthorized access
    header('Location: ../authentication/page-login.html');
    exit();
}
```

delete.php

```
<?php
session_start();

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

    require_once "../connection.php"; // Assuming you have the record ID to be deleted
    $recordId = $_GET['id']; // Assuming you retrieve the record ID from the URL query parameter

    // Prepare the SQL statement
    $sql = "DELETE FROM tb_staff WHERE s_id = ?";
    $stmt = $mysqli->prepare($sql);

    // Bind the parameter to the statement
    $stmt->bind_param("i", $recordId); // Assuming the ID is an integer, use "i" as the data type

    // Execute the statement
    if ($stmt->execute()) {

        $alert = '<div class="alert alert-success">Rekod berjaya dipadam!</div>';
    } else {
        // Error in insertion
        $alert =
            '<div class="alert alert-danger">Rekod gagal dipadam : ' . $stmt->error . '</div>';
    }

    // Close the statement and connection
    $stmt->close();
    $mysqli->close();

    header('Location: ../folder-user/index.php');
} else {
    // Redirect to login page or handle unauthorized access
    header('Location: ../authentication/page-login.html');
    exit();
}
```

Update.php

```
<?php
session_start();

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

    // Check if the form is submitted
    if ($_SERVER["REQUEST_METHOD"] == "POST") {
        // Retrieve the form data
        $id = $_POST['s_id'];
        $name = $_POST['s_name'];
        $ic = $_POST['s_ic'];
        $email = $_POST['s_email'];
        $jawat = $_POST['s_jawatan'];
        $jab = $_POST['s_dept'];
        $role = $_POST['role'];

        require_once ("../connection.php");
        // Prepare the SQL statement
        $sql = "UPDATE tb_staff SET s_name = ?, s_ic = ?, s_email = ?, s_jawatan = ?, s_dept = ?, role = ? WHERE s_id = ?";

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

        // Bind the parameters to the statement
        $stmt->bind_param("sissssi", $name, $ic, $email, $jawat, $jab, $role, $id);

        // Execute the statement
        if ($stmt->execute()) {
            // Close the statement and connection
            $stmt->close();
            $mysqli->close();

            header('Location: ../folder-user/index.php');
            exit();
        } else {
            // Close the statement and connection
            $stmt->close();
            $mysqli->close();

            header('Location: ../folder-user/register.php');
            exit();
        }
    }
} else {
    // Redirect to login page or handle unauthorized access
    header('Location: ../authentication/page-login.html');
    exit();
}
```

profile.php

```
<?php
session_start();

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

    if (isset($_GET['id'])) {
        $id = $_GET['id'];

        require_once ("../connection.php");
        $sql = "SELECT * FROM tb_staff WHERE s_id = $id";
        $result = mysqli_query($mysqli, $sql);
        $user = $result->fetch_assoc();

        $mysqli->close();
    } else {
        // Retrieve the user details
        $user = $_SESSION['user'];
    }

    $content = "../layout/folder-user/profile.php";

    // Include the base template
    include "../layout/induk.php";

} else {
    // Redirect to login page or handle unauthorized access
    header('Location: ../authentication/page-login.html');
    exit();
}
```

index.php

```
<?php
session_start();
if (isset($_SESSION['user'])) {
    // Set the content file to include
    $content = "../layout/folder-user/index.php";

    require_once('../connection.php');

    $sql = "SELECT * FROM tb_staff";
    $result = $mysqli->query($sql);

    // Include the base template
    include "../layout/induk.php";
} else {
    // Redirect to login page or handle unauthorized access
    header('Location: ../authentication/page-login.html');
    exit();
}
```

register.php

```
<?php
session_start();
if (isset($_SESSION['user'])) {
    // Set the content file to include
    $content = "../layout/folder-user/create.php";

    require_once ('../connection.php');

    // Retrieve documents from the database
    $jawatan = "SELECT * FROM tb_jawatan";
    $jawat = $mysqli->query($jawatan);

    // Retrieve data from tb_pecahan
    $jabatan = "SELECT * FROM tb_department";
    $jab = $mysqli->query($jabatan);

    // Include the base template
    include "../layout/induk.php";
} else {
    // Redirect to login page or handle unauthorized access
    header('Location: ../authentication/page-login.html');
    exit();
}
```

Document Module

addDoc.php

```
<?php
session_start();

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

    require_once "../connection.php";

    // Retrieve documents from the database
    $perkhidmatanQuery = "SELECT * FROM tb_perkhidmatan";
    $perkhidmatanResult = $mysqli->query($perkhidmatanQuery);

    // Retrieve data from tb_pecahan
    $pecahanQuery = "SELECT * FROM tb_pecahan";
    $pecahanResult = $mysqli->query($pecahanQuery);

    // Retrieve data from tb_kategori
    $kategoriQuery = "SELECT * FROM tb_kategori";
    $kategoriResult = $mysqli->query($kategoriQuery);

    // Retrieve data from tb_pemilik
    $pemilikQuery = "SELECT * FROM tb_department";
    $pemilikResult = $mysqli->query($pemilikQuery);

    // Set the content file to include
    $content = "../layout/folder-document/createDoc.php";

    // Include the base template
    include "../layout/induk.php";
    $mysqli->close();
} else {
    // Redirect to login page or handle unauthorized access
    header('Location: ../authentication/page-login.html');
    exit();
}
```

createDoc.php

```
<?php
session_start();

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

    // Check if the form is submitted
    if ($_SERVER["REQUEST_METHOD"] == "POST") {
        // Retrieve the form data
        $kodNo = $_POST['d_code'];
        $tajuk = $_POST['d_name'];
        $tarikh = $_POST['d_tarikh_keluaran'];
        $catatan = $_POST['d_catatan'];
        $pemilik = $_POST['owner_code'];
        $perkhidmatan = $_POST['d_perkhidmatan'];
        $pecahan = $_POST['d_pecahan'];
        $kategori = $_POST['d_kategori'];
        // Retrieve other form fields as needed

        // Save the uploaded file
        $fileDir = "../file/"; // Directory to save uploaded files
        $fileName = $_FILES['d_file']['name']; // Name of the uploaded file
        $fileTemp = $_FILES['d_file']['tmp_name']; // Temporary file location
        // Move the uploaded file to the desired directory
        $destination = $fileDir . $fileName;
        if (move_uploaded_file($fileTemp, $destination)) {
            require_once("../connection.php");

            // Prepare the SQL statement
            $sql = "INSERT INTO tb_document (d_code, d_name, d_file, d_tarikh_keluaran, d_catatan,
            owner_code, d_perkhidmatan, d_pecahan, d_kategori) VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?)";
            // Adjust the SQL statement and add placeholders for other form fields as needed

            // Prepare and bind the parameters
            $stmt = $mysqli->prepare($sql);
            $stmt->bind_param("ssssssss", $kodNo, $tajuk, $fileName, $tarikh, $catatan, $pemilik, $perkhidmatan, $pecahan, $kategori);
            // Adjust the binding of parameters for other form fields as needed

            // Execute the statement
            if ($stmt->execute()) {
                // Successful insertion
                $alert = '<div class="alert alert-success">Dokumen berjaya di tambah!</div>';
            } else {
                // Error in insertion
                $alert =
                    '<div class="alert alert-danger">Dokumen gagal ditambah : ' . $stmt->error . '</div>';
            }

            // Close the statement and connection
            $stmt->close();
            $mysqli->close();
        } else {
            // Error in file upload
            $alert =
                '<div class="alert alert-danger">Dokumen gagal ditambah </div>';
        }
    }

    $url = '../folder-doc/indexDoc.php?id=' . urlencode($alert);
    header('Location: ' . $url);
    exit();
} else {
    // Redirect to login page or handle unauthorized access
    header('Location: ../authentication/page-login.html');
    exit();
}
```

deleteDoc.php

```
1  <?php
2  session_start();
3
4  if (isset($_SESSION['user'])) {
5
6      require_once "../connection.php"; // Assuming you have the record ID to be deleted
7      $recordId = $_GET['id']; // Assuming you retrieve the record ID from the URL query parameter
8
9      // Prepare the SQL statement
10     $sql = "DELETE FROM tb_document WHERE d_code = ?";
11     $stmt = $mysqli->prepare($sql);
12
13     // Bind the parameter to the statement
14     $stmt->bind_param("s", $recordId); // Assuming the ID is an integer, use "i" as the data type
15
16     // Execute the statement
17     if ($stmt->execute()) {
18
19         $alert = '<div class="alert alert-success">Dokumen berjaya di padam!</div>';
20     } else {
21         // Error in insertion
22         $alert =
23         '<div class="alert alert-danger">Dokumen gagal di padam : ' . $stmt->error . '</div>';
24     }
25
26     // Close the statement and connection
27     $stmt->close();
28     $mysqli->close();
29
30     $url = '../folder-doc/indexDoc.php?id=' . urlencode($alert);
31
32     header('Location: ' . $url);
33 } else {
34     // Redirect to login page or handle unauthorized access
35     header('Location: ../authentication/page-login.html');
36     exit();
37 }
```


editDoc.php

```
<?php
session_start();

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

    require_once "../connection.php";

    if (isset($_GET['id'])) {
        $id = $_GET['id'];
        $sql = "SELECT * FROM tb_document WHERE d_code = '$id'";
        $result = mysqli_query($mysqli, $sql);

        $doc = $result->fetch_assoc();

        // Retrieve documents from the database
        $perkhidmatanQuery = "SELECT * FROM tb_perkhidmatan";
        $perkhidmatanResult = $mysqli->query($perkhidmatanQuery);

        // Retrieve data from tb_pecahan
        $pecahanQuery = "SELECT * FROM tb_pecahan";
        $pecahanResult = $mysqli->query($pecahanQuery);

        // Retrieve data from tb_kategori
        $kategoriQuery = "SELECT * FROM tb_kategori";
        $kategoriResult = $mysqli->query($kategoriQuery);

        // Retrieve data from tb_pemilik
        $pemilikQuery = "SELECT * FROM tb_department";
        $pemilikResult = $mysqli->query($pemilikQuery);

        // Set the content file to include
        $content = "../layout/folder-document/editDoc.php";

        // Include the base template
        include "../layout/induk.php";
        $mysqli->close();
    } else {
        echo "<p class='col-12'>No document ID provided.</p>";
    }
} else {
    // Redirect to login page or handle unauthorized access
    header('Location: ../authentication/page-login.html');
    exit();
}
```

viewDoc.php

```
<?php
session_start();

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

    require_once "../connection.php";

    // Retrieve documents from the database
    if (isset($_GET['id'])) {
        $id = $_GET['id'];
        $sql = "SELECT * FROM tb_document WHERE d_code = '$id'";
        $result = mysqli_query($mysqli, $sql);

        // Set the content file to include
        $content = "../layout/folder-document/viewDoc.php";

        // Include the base template
        include "../layout/induk.php";
        $mysqli->close();
    } else {
        echo "<p class='col-12'>No document ID provided.</p>";
    }
} else {
    // Redirect to login page or handle unauthorized access
    header('Location: ../authentication/page-login.html');
    exit();
}
```

index.php

```
<?php
session_start();

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

    require_once "../connection.php";

    // Retrieve documents from the database
    $sql = "SELECT * FROM tb_document";
    $result = mysqli_query($mysqli, $sql);

    if (isset($_GET['id'])) {
        $alert = $_GET['id'];
    }

    // Set the content file to include
    $content = "../layout/folder-document/indexDoc.php";

    // Include the base template
    include "../layout/induk.php";
    $mysqli->close();
} else {
    // Redirect to login page or handle unauthorized access
    header('Location: ../authentication/page-login.html');
    exit();
}
```

Layout

induk.php

```
<!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">

  <!-- theme meta -->
  <meta name="theme-name" content="DMS" />

  <title>e-ISO MBPP</title>

  <!-- Favicon icon -->
  <link rel="icon" type="image/png" sizes="16x16" href="../../images/MBPP_2.png">
  <!-- Pignose Calendar -->
  <link href="../../plugins/pg-calendar/css/pignose.calendar.min.css" rel="stylesheet">
  <!-- Chartist -->
  <link rel="stylesheet" href="../../plugins/chartist/css/chartist.min.css">
  <link rel="stylesheet" href="../../plugins/chartist-plugin-tooltips/css/chartist-plugin-tooltip.css">
  <!-- Custom Stylesheet -->
  <link rel="stylesheet" href="../../css/style.css">
</head>

<body>
  <!-- Main wrapper start -->
  <div id="main-wrapper">
    <?php
    include('navbar.php');
    ?>

    <?php
    include('sidebar.php');
    ?>

    <!-- Content body start -->
    <div class="content-body">

      <div class="container-fluid mt-3">
        <?php include $content; ?>
        <!-- #/ container -->
      </div>
      <!-- Content body end -->

      <!-- Footer start -->
      <div class="footer">
        <div class="copyright">
          <p> Hak Cipta Terpelihara Majlis Bandaraya Pulau Pinang &#169; 2023</p>
        </div>
      </div>
      <!-- Footer end -->
    </div>
  <!-- Main wrapper end -->

  <!-- Scripts -->
  <script src="../../plugins/common/common.min.js"></script>
  <script src="../../js/custom.min.js"></script>
  <script src="../../js/settings.js"></script>
  <script src="../../js/gleek.js"></script>
  <script src="../../js/styleSwitcher.js"></script>

  <!-- Chartjs -->
  <script src="../../plugins/chart.js/Chart.bundle.min.js"></script>
  <!-- Circle progress -->
  <script src="../../plugins/circle-progress/circle-progress.min.js"></script>
  <!-- Datamap -->
  <script src="../../plugins/d3v3/index.js"></script>
  <script src="../../plugins/topojson/topojson.min.js"></script>
  <script src="../../plugins/datanaps/datanaps.world.min.js"></script>
  <!-- Morrisjs -->
  <script src="../../plugins/raphael/raphael.min.js"></script>
  <script src="../../plugins/morris/morris.min.js"></script>
  <!-- Pignose Calendar -->
  <script src="../../plugins/moment/moment.min.js"></script>
  <script src="../../plugins/pg-calendar/js/pignose.calendar.min.js"></script>
  <!-- ChartistJS -->
  <script src="../../plugins/chartist/js/chartist.min.js"></script>
  <script src="../../plugins/chartist-plugin-tooltips/js/chartist-plugin-tooltip.min.js"></script>

  <script src="../../js/dashboard/dashboard-1.js"></script>
</body>
</html>
```

navbar.php

```
layout > navbar.php > html > div.header
1 <html>
2
3 <!--Nav header start-->
4 <div class="nav-header">
5     <div style="text-align: center;">
6         <div class="brand-logo">
7             <a href="../../folder-dashboard/dashboard.php">
8                 <span class="brand-title">
9                     
10                </span>
11            </a>
12        </div></div>
13    </div>
14 <!--Nav header end-->
15
16 <div class="header">
17     <div class="header-content clearfix">
18
19         <div class="nav-control">
20             <div class="hamburger">
21                 <span class="toggle-icon"><i class="icon-menu"></i></span>
22             </div>
23         </div>
24
25         <div class="header-right">
26             <ul class="clearfix">
27                 <li class="icons dropdown">
28                     <div class="user-img c-pointer position-relative" data-toggle="dropdown">
29                         <!-- <span class="activity active"></span> -->
30                         <img xmlns="http://www.w3.org/2000/svg" width="20" height="20" fill="#343A40" class="bi bi-person-circle" viewBox="0 0 16 16">
31                             <path d="M11 6a3 3 0 1 1-6 0 3 3 0 0 1 6 0z" />
32                             <path fill-rule="evenodd" d="M0 8a8 8 0 1 1 16 0 8 8 0 0 1 0 8z" />
33                         </img>
34                         <!-- 
35                         <span class="span-name"><? echo $_SESSION['username']; ?></span>
36                     </div>
37                     <div class="drop-down dropdown-profile animated fadeIn dropdown-menu">
38                         <div class="dropdown-content-body">
39                             <ul>
40                                 <li>
41                                     <a href="../../folder-user/profile.php"><i class="icon-user"></i>
42                                     <span>Profile</span></a>
43                                 </li>
44
45                                 <hr class="my-2">
46                                 <li><a href="../../authentication/logout.php"><i class="icon-key"></i> <span>Logout</span></a>
47                                 </li>
48                             </ul>
49                         </div>
50                     </div>
51                 </li>
52             </ul>
53         </div>
54     </div>
55 </div>
56 </html>
```

sidebar.php

```
<html>
<div class="nk-sidebar">
  <div class="nk-nav-scroll">
    <ul class="metismenu" id="menu">
      <li>
        <a href="../folder-dashboard/dashboard.php" aria-expanded="false">
          <i class="icon-speedometer menu-icon"></i><span class="nav-text">Dashboard</span>
        </a>
      </li>
      <li>
        <a href="../folder-doc/indexDoc.php" aria-expanded="false">
          <i class="icon-globe-alt menu-icon"></i><span class="nav-text">Dokumen Terkawal</span>
        </a>
      </li>
      <?php
        if($_SESSION['role'] == "Admin" || $_SESSION['role'] == "Super Admin")
        {
      ?>
      <li class="mega-menu mega-menu-sm">
        <a class="has-arrow" href="javascript:void()" aria-expanded="false">
          <i class="icon-note menu-icon"></i><span class="nav-text">Konfigurasi</span>
        </a>
        <ul aria-expanded="false">
          <li><a href="../folder-user/index.php">Pengguna</a></li>
          <li><a href="../folder-user/register.php">Tambah Pengguna Baru</a></li>
        </ul>
      </li>
      <?php } ?>
    </ul>
  </div>
</div>
</html>
```

home.php

```
<div class="row">
  <div class="col-lg-3 col-sm-6">
    <div class="card gradient-3">
      <div class="card-body">
        <h3 class="card-title text-white">Prosidur Kerja</h3>
        <div class="d-inline-block">
          <h2 class="text-white">4565</h2>
          <p class="text-white mb-0">Jan - Dis 2023</p>
        </div>
        <span class="float-right display-5 opacity-5"><i class="fa fa-users"></i></span>
      </div>
    </div>
  </div>
  <div class="col-lg-3 col-sm-6">
    <div class="card gradient-3">
      <div class="card-body">
        <h3 class="card-title text-white">Arahan Kerja</h3>
        <div class="d-inline-block">
          <h2 class="text-white">4565</h2>
          <p class="text-white mb-0">Jan - Dis 2023</p>
        </div>
        <span class="float-right display-5 opacity-5"><i class="fa fa-users"></i></span>
      </div>
    </div>
  </div>
  <div class="col-lg-3 col-sm-6">
    <div class="card gradient-3">
      <div class="card-body">
        <h3 class="card-title text-white">Prosidur Kerja</h3>
        <h3 class="card-title text-white">(Proses Sokongan)</h3>
        <div class="d-inline-block">
          <h2 class="text-white">4565</h2>
          <p class="text-white mb-0">Jan - Dis 2023</p>
        </div>
        <span class="float-right display-5 opacity-5"><i class="fa fa-users"></i></span>
      </div>
    </div>
  </div>
  <div class="col-lg-3 col-sm-6">
    <div class="card gradient-3">
      <div class="card-body">
        <h3 class="card-title text-white">Prosidur Kerja Selamat</h3>
        <div class="d-inline-block">
          <h2 class="text-white">4565</h2>
          <p class="text-white mb-0">Jan - Dis 2023</p>
        </div>
        <span class="float-right display-5 opacity-5"><i class="fa fa-users"></i></span>
      </div>
    </div>
  </div>
  <div class="col-lg-3 col-sm-6">
    <div class="card gradient-3">
      <div class="card-body">
        <h3 class="card-title text-white">Prosidur Kerja Selamat</h3>
        <h3 class="card-title text-white">(Proses Sokongan)</h3>
        <div class="d-inline-block">
          <h2 class="text-white">4565</h2>
          <p class="text-white mb-0">Jan - Dis 2023</p>
        </div>
        <span class="float-right display-5 opacity-5"><i class="fa fa-users"></i></span>
      </div>
    </div>
  </div>
</div>
```

User Layout

Index.php

```
1  <div class="col-md-12">
2  <h2>User Index</h2>
3  <table class="table table-striped">
4  <thead>
5  <tr>
6  <th>ID</th>
7  <th>Name</th>
8  <th>IC</th>
9  <th>Email</th>
10 <th>Jawatan</th>
11 <th>Jabatan</th>
12 <th>Role</th>
13 <th>Tindakan</th>
14 </tr>
15 </thead>
16 <tbody>
17 <?php
18
19 if ($result->num_rows > 0) {
20     while ($row = $result->fetch_assoc()) {
21         echo "<tr>";
22         echo "<td>" . $row['s_id'] . "</td>";
23         echo "<td>" . $row['s_name'] . "</td>";
24         echo "<td>" . $row['s_ic'] . "</td>";
25         echo "<td>" . $row['s_email'] . "</td>";
26         echo "<td>" . $row['s_jawatan'] . "</td>";
27         echo "<td>" . $row['s_dept'] . "</td>";
28         echo "<td>" . $row['role'] . "</td>";
29         echo "<td>";
30         echo '<a href="..folder-user/profile.php?id=' . $row['s_id'] . '" class="btn mb-1 btn-rounded btn-outline-primary btn-sm mr-1">View</a>';
31         echo '<a href="..folder-user/editUser.php?id=' . $row['s_id'] . '" class="btn mb-1 btn-rounded btn-outline-info btn-sm mr-1">Edit</a>';
32         echo '<a href="..folder-user/delete.php?id=' . $row['s_id'] . '" class="btn mb-1 btn-rounded btn-outline-danger btn-sm">Delete</a>';
33         echo "</td>";
34         echo "</tr>";
35     }
36 } else {
37     echo "<tr><td colspan='7'>No users found.</td></tr>";
38 }
39
40 $mysqli->close();
41 ?>
42 </tbody>
43 </table>
44 </div>
```


Create.php

```
1 <div class="row">
2 <div class="col-md-6 offset-md-3">
3 <form action="../../folder-user/insertUser.php" method="post">
4 <div class="form-group">
5 <label for="staff-id">Staff ID</label>
6 <input type="number" class="form-control" id="staff-id" placeholder="Enter Staff ID" name="s_id" required>
7 </div>
8 <div class="form-group">
9 <label for="nama">Nama</label>
10 <input type="text" class="form-control" id="nama" placeholder="Enter Nama" name="s_name" required>
11 </div>
12 <div class="form-group">
13 <label for="ic-no">IC No.</label>
14 <input type="number" class="form-control" id="ic-no" placeholder="Enter IC No." name="s_ic" required>
15 </div>
16 <div class="form-group">
17 <label for="email">Email</label>
18 <input type="email" class="form-control" id="email" placeholder="Enter Email" name="s_email" required>
19 </div>
20 <div class="form-group">
21 <label for="password">Password</label>
22 <input type="password" class="form-control" id="password" placeholder="Enter Password" name="s_password" required>
23 </div>
24 <div class="form-group">
25 <label for="jawatan">Jawatan</label>
26 <select class="form-control" id="jawatan" name="s_jawatan" required>
27 <option value="">Select Jawatan</option>
28 <?php
29 if ($jawat->num_rows > 0) {
30 // Process tb_kategori data
31 while ($row = $jawat->fetch_assoc()) {
32
33 echo '<option value="" . $row['j_id'] . ''> . $row['j_name'] . '</option>';
34 }
35 }
36 >
37 <!-- Add more options as needed -->
38 </select>
39 </div>
40 <div class="form-group">
41 <label for="jabatan">Jabatan</label>
42 <select class="form-control" id="jabatan" name="s_dept" required>
43 <option value="">Select Jabatan</option>
44 <?php
45 if ($jab->num_rows > 0) {
46 // Process tb_kategori data
47 while ($row = $jab->fetch_assoc()) {
48
49 echo '<option value="" . $row['dept_code'] . ''> . $row['dept_name'] . '</option>';
50 }
51 }
52 >
53 </select>
54 </div>
55 </div>
56 </div>
57 </form>
58 </div>
```

```
53         <!-- Add more options as needed -->
54     </select>
55 </div>
56 <div class="form-group">
57     <label for="peranan">Peranan</label>
58     <select class="form-control" id="peranan" name="role" required>
59         <option value="">Select Peranan</option>
60         <option value="Pengguna">Pengguna</option>
61         <option value="Admin">Admin</option>
62         <option value="Super Admin">Super Admin</option>
63         <!-- Add more options as needed -->
64     </select>
65 </div>
66 <button type="submit" class="btn btn-primary">Register</button>
67 </form>
68 </div>
69 </div>
```

editUser.php

```
1 <div class="row">
2 <div class="col-md-6 offset-md-3">
3 <form action="../../folder-user/update.php" method="post">
4 <div class="form-group">
5 <label for="staff-id">Staff ID</label>
6 <input type="number" class="form-control" id="staff-id" placeholder="Enter Staff ID" name="s_id" value="{<?php echo $user['s_id'] ?>}" required>
7 </div>
8 <div class="form-group">
9 <label for="nama">Nama</label>
10 <input type="text" class="form-control" id="nama" placeholder="Enter Nama" name="s_name" value="{<?php echo $user['s_name'] ?>}" required>
11 </div>
12 <div class="form-group">
13 <label for="ic-no">IC No.</label>
14 <input type="number" class="form-control" id="ic-no" placeholder="Enter IC No." name="s_ic" value="{<?php echo $user['s_ic'] ?>}" required>
15 </div>
16 <div class="form-group">
17 <label for="email">Email</label>
18 <input type="email" class="form-control" id="email" placeholder="Enter Email" name="s_email" value="{<?php echo $user['s_email'] ?>}" required>
19 </div>
20 <div class="form-group">
21 <label for="jawatan">Jawatan</label>
22 <select class="form-control" id="jawatan" name="s_jawatan" required>
23 <option value="">Select Jawatan</option>
24 <?php
25 if ($jawat->num_rows > 0) {
26 // Process tb_kategori data
27 while ($row = $jawat->fetch_assoc()) {
28
29 if($row['j_id'] == $user['s_jawatan']){
30 echo '<option value="" . $row['j_id'] . " selected">' . $row['j_name'] . '</option>';
31 }
32 else {
33 echo '<option value="" . $row['j_id'] . ">" . $row['j_name'] . '</option>';
34 }
35 }
36 }
37 }
38 }
39 <!-- Add more options as needed -->
40 </select>
```

```
41 </div>
42 <div class="form-group">
43 <label for="jabatan">Jabatan</label>
44 <select class="form-control" id="jabatan" name="s_dept" required>
45 <option value="">Select Jabatan</option>
46 <?php
47 if ($jab->num_rows > 0) {
48 // Process tb_kategori data
49 while ($row = $jab->fetch_assoc()) {
50
51 if($row['dept_code'] == $user['s_dept']){
52 echo '<option value="" . $row['dept_code'] . " selected">' . $row['dept_name'] . '</option>';
53 }
54 else {
55 echo '<option value="" . $row['dept_code'] . ">" . $row['dept_name'] . '</option>';
56 }
57 }
58 }
59 }
60 <!-- Add more options as needed -->
61 </select>
62 </div>
```

```

63         <div class="form-group">
64             <label for="peranan">Peranan</label>
65             <select class="form-control" id="peranan" name="role" required>
66                 <option value="">Select Peranan</option>
67                 <option value="Pengguna"
68                     <?php
69                         if($user['role'] == "Pengguna"){
70                             echo "selected";
71                         }
72                     ?>
73                 >Pengguna</option>
74                 <option value="Admin"
75                     <?php
76                         if($user['role'] == "Admin"){
77                             echo "selected";
78                         }
79                     ?>
80                 >Admin</option>
81                 <option value="Super Admin"
82                     <?php
83                         if($user['role'] == "Super Admin"){
84                             echo "selected";
85                         }
86                     ?>
87                 >Super Admin</option>
88                 <!-- Add more options as needed -->
89             </select>
90         </div>
91         <button type="submit" class="btn btn-primary">Kemaskini</button>
92     </form>
93 </div>
94 </div>

```

Profile.php

```

1     <div class="row">
2         <div class="col-md-6 offset-md-3">
3             <div class="profile-view">
4                 <h4>Profile</h4>
5                 <div class="form-group">
6                     <label for="staff-id">Staff ID</label>
7                     <input type="text" class="form-control" id="staff-id" value="<?php echo $user['s_id']; ?>" readonly>
8                 </div>
9                 <div class="form-group">
10                    <label for="nama">Nama</label>
11                    <input type="text" class="form-control" id="nama" value="<?php echo $user['s_name']; ?>" readonly>
12                </div>
13                <div class="form-group">
14                    <label for="ic-no">IC No.</label>
15                    <input type="text" class="form-control" id="ic-no" value="<?php echo $user['s_ic']; ?>" readonly>
16                </div>
17                <div class="form-group">
18                    <label for="email">Email</label>
19                    <input type="email" class="form-control" id="email" value="<?php echo $user['s_email']; ?>" readonly>
20                </div>
21                <div class="form-group">
22                    <label for="jawatan">Jawatan</label>
23                    <input type="text" class="form-control" id="jawatan" value="<?php echo $user['s_jawatan']; ?>" readonly>
24                </div>
25                <div class="form-group">
26                    <label for="jabatan">Jabatan</label>
27                    <input type="text" class="form-control" id="jabatan" value="<?php echo $user['s_dept']; ?>" readonly>
28                </div>
29            </div>
30        </div>
31    </div>

```

Document Layout

IndexDoc.php

```
1 <div class="row">
2 <?php
3 if (isset($alert)) {
4     echo $alert;
5 }
6 ?>
7 <div class="col-md-8 offset-md-2">
8 <h4>Senarai Dokumen</h4>
9 <div class="text-right mb-2">
10 <a href="../folder-doc/addDoc.php"><button class="btn btn-primary">Tambah Dokumen</button></a>
11 </div>
12 <?php
13 if ($result != false && $result->num_rows > 0) {
14     // Output the table
15     echo ' <table class="table">;
16     echo ' <thead>;
17     echo ' <tr>;
18     echo ' <th>Kod No</th>;
19     echo ' <th>Tajuk</th>;
20     echo ' <th>Catatan</th>;
21     echo ' <th>Pemilik</th>;
22     echo ' <th>Fail</th>;
23     echo ' <th>Tarikh Keluaran</th>;
24     // Add additional table headers for other document fields as needed
25     echo ' <th>Tindakan</th>;
26     echo ' </tr>;
27     echo ' </thead>;
28     echo ' <tbody>;
29
30     // Output each document row
31     while ($row = $result->fetch_assoc()) {
32         $kodNo = $row['d_code'];
33         $tajuk = $row['d_name'];
34         $tarikh = $row['d_tarikh_keluaran'];
35         $catatan = $row['d_catatan'];
36         $pemilik = $row['owner_code'];
37         $fileName = $row['d_file'];
38         // Retrieve other document fields as needed
```

```
40         // Generate HTML for the document row
41         echo ' <tr>;
42         echo ' <td>' . $kodNo . ' </td>;
43         echo ' <td>' . $tajuk . ' </td>;
44         echo ' <td>' . $catatan . ' </td>;
45         echo ' <td>' . $pemilik . ' </td>;
46         echo ' <td><a href="../file/' . $fileName . '" download' . $fileName . ' </a></td>;
47         echo ' <td>' . $tarikh . ' </td>;
48         // Add additional table cells for other document fields as needed
49         echo ' <td>;
50         echo ' <a href="../folder-doc/viewDoc.php?id=' . $kodNo . '" class="btn mb-1 btn-rounded btn-outline-primary btn-sm mr-1">View</a>;
51         echo ' <a href="../folder-Doc/editDoc.php?id=' . $kodNo . '" class="btn mb-1 btn-rounded btn-outline-info btn-sm mr-1">Edit</a>;
52         echo ' <a href="../folder-Doc/deleteDoc.php?id=' . $kodNo . '" class="btn mb-1 btn-rounded btn-outline-danger btn-sm">Delete</a>;
53         echo ' </td>;
54         echo ' </tr>;
55     }
56
57     echo ' </tbody>;
58     echo ' </table>;
59 } else {
60     echo ' <p>No documents found.</p>;
61 }
62 ?>
63 </div>
64 </div>
```

createDoc.php

```
1 <div class="row">
2   <div class="col-md-6 offset-md-3">
3     <h4>Tambah Dokumen Baru</h4>
4     <form action="../../folder-doc/createDoc.php" method="POST" enctype="multipart/form-data">
5       <div class="row">
6         <div class="col-md-6">
7           <div class="form-group">
8             <label for="kod">Kod</label>
9             <input type="text" class="form-control" id="d_code" name="d_code" readonly>
10          </div>
11          <div class="form-group">
12            <label for="kod-no">Kod No.</label>
13            <input type="number" class="form-control" id="kod-no" placeholder="Enter Kod No." required>
14          </div>
15          <div class="form-group">
16            <label for="tajuk">Tajuk</label>
17            <input type="text" class="form-control" id="d_name" name="d_name" placeholder="Enter Tajuk" required>
18          </div>
19          <div class="form-group">
20            <label for="fail">Fail</label>
21            <input type="file" class="form-control-file" id="d_file" name="d_file" required>
22          </div>
23          <div class="form-group">
24            <label for="tarikh-keluaran">Tarikh Keluaran</label>
25            <input type="date" class="form-control" id="d_tarikh_keluaran" name="d_tarikh_keluaran" required>
26          </div>
27        </div>
28      </div>
29    </div>
30  </form>
31 </div>
```

```
28 <div class="col-md-6">
29   <div class="form-group">
30     <label for="pemilik">Pemilik</label>
31     <select class="form-control" id="owner_code" name="owner_code" required>
32       <option value="">Select Pemilik</option>
33     <?php
34       if ($pemilikResult->num_rows > 0) {
35         // Process tb_pemilik data
36         while ($row = $pemilikResult->fetch_assoc()) {
37           // Access row data
38           $pemilikId = $row["dept_code"];
39           $pemilikName = $row["dept_name"];
40
41           echo ' <option value="" . $pemilikId . "">' . $pemilikName . ' </option>';
42         }
43       }
44     <?php
45     <!-- Add more options as needed -->
46   </select>
47 </div>
48 <div class="form-group">
49   <label for="perkhidmatan">Perkhidmatan</label>
50   <select class="form-control" id="d_perkhidmatan" name="d_perkhidmatan" required>
51     <option value="">Select Perkhidmatan</option>
52   <?php
53     if ($perkhidmatanResult->num_rows > 0) {
54       // Process tb_perkhidmatan data
55       while ($row = $perkhidmatanResult->fetch_assoc()) {
56         // Access row data
57         $perkhidmatanId = $row["p_id"];
58         $perkhidmatanName = $row["p_name"];
59
60         echo ' <option value="" . $perkhidmatanId . "">' . $perkhidmatanName . ' </option>';
61       }
62     }
63   <?php
64   <!-- Add more options as needed -->
65 </select>
66 </div>
```

```

<div class="form-group">
  <label for="pecahan-perkhidmatan">Pecahan Perkhidmatan</label>
  <select class="form-control" id="d_pecahan" name="d_pecahan" required>
    <option value="">Select Pecahan Perkhidmatan</option>
  </select>
  <?php
    if ($specahanResult->num_rows > 0) {
      // Process tb_pecahan data
      while ($row = $specahanResult->fetch_assoc()) {
        // Access row data
        $specahanId = $row["pecahan_id"];
        $specahanName = $row["pecahan_name"];

        echo '<option value="' . $specahanId . '"' . $specahanName . '</option>';
      }
    }
  </?php>
</div>
<div class="form-group">
  <label for="kategori">Kategori</label>
  <select class="form-control" id="d_kategori" name="d_kategori" required>
    <option value="">Select Kategori</option>
  </select>
  <?php
    if ($kategoriResult->num_rows > 0) {
      // Process tb_kategori data
      while ($row = $kategoriResult->fetch_assoc()) {
        // Access row data
        $kategoriId = $row["k_code"];
        $kategoriName = $row["k_name"];

        echo '<option value="' . $kategoriId . '"' . $kategoriName . '</option>';
      }
    }
  </?php>
</div>
<div class="form-group">
  <label for="catatan">Catatan</label>
  <textarea class="form-control" id="d_catatan" name="d_catatan" rows="3"></textarea>
</div>

```

```

107         </div>
108       </div>
109       <button type="submit" class="btn btn-primary">Tambah Dokumen</button>
110     </form>
111   </div>
112 </div>
113
114 <script>
115   // Function to auto-generate the Kod field
116   function generateKod() {
117     var pemilik = document.getElementById("owner_code").value;
118     var kategori = document.getElementById("d_kategori").value;
119     var kodNo = document.getElementById("kod-no").value;
120
121     var kod = "MBPP-" + pemilik + "-" + kategori + "-" + kodNo;
122
123     document.getElementById("d_code").value = kod;
124   }
125
126   // Attach the generateKod function to the change event of relevant fields
127   document.getElementById("owner_code").addEventListener("change", generateKod);
128   document.getElementById("d_kategori").addEventListener("change", generateKod);
129   document.getElementById("kod-no").addEventListener("input", generateKod);
130 </script>

```

EditDoc.php

```
1 <div class="row">
2   <div class="col-md-6 offset-md-3">
3     <h4>Kemaskini Dokumen</h4>
4     <form action="../../folder-doc/updateDoc.php" method="POST" enctype="multipart/form-data">
5       <div class="row">
6         <div class="col-md-6">
7           <div class="form-group">
8             <label for="kod">Kod</label>
9             <input type="text" class="form-control" id="d_code" name="d_code" readonly value=" <?php echo $doc['d_code']; ?> ">
10          </div>
11          <div class="form-group">
12            <label for="tajuk"> Tajuk</label>
13            <input type="text" class="form-control" id="d_name" name="d_name" value=" <?php echo $doc['d_name']; ?> " required>
14          </div>
15          <div class="form-group">
16            <label for="fail"> Fail</label>
17            <input type="file" class="form-control-file" id="d_file" name="d_file" required>
18          </div>
19          <div class="form-group">
20            <label for="tarikh-keluaran"> Tarikh Keluaran</label>
21            <input type="date" class="form-control" id="d_tarikh_keluaran" name="d_tarikh_keluaran" value=" <?php echo $doc['d_tarikh_keluaran']; ?> " required>
22          </div>
23        </div>
24      </div>
25    </div>
26  </div>
```

```
24   <div class="col-md-6">
25     <div class="form-group">
26       <label for="pemilik"> Pemilik</label>
27       <select class="form-control" id="owner_code" name="owner_code" required>
28         <option value="">Select Pemilik</option>
29       </select>
30       <?php
31         if ($pemilikResult->num_rows > 0) {
32           // Process tb_pemilik data
33           while ($row = $pemilikResult->fetch_assoc()) {
34             // Access row data
35             $pemilikId = $row["dept_code"];
36             $pemilikName = $row["dept_name"];
37
38             if ($pemilikId == $doc['owner_code']) {
39               echo '<option value="" . $pemilikId . " selected"> . $pemilikName . '</option>';
40             } else {
41               echo '<option value="" . $pemilikId . " "> . $pemilikName . '</option>';
42             }
43           }
44         }
45       <!-- Add more options as needed -->
46     </select>
47   </div>
48   <div class="form-group">
49     <label for="perkhidmatan"> Perkhidmatan</label>
50     <select class="form-control" id="d_perkhidmatan" name="d_perkhidmatan" required>
51       <option value="">Select Perkhidmatan</option>
52     </select>
53     <?php
54       if ($perkhidmatanResult->num_rows > 0) {
55         // Process tb_perkhidmatan data
56         while ($row = $perkhidmatanResult->fetch_assoc()) {
57           // Access row data
58           $perkhidmatanId = $row["p_id"];
59           $perkhidmatanName = $row["p_name"];
60
61           if ($perkhidmatanId == $doc['d_perkhidmatan']) {
62             echo '<option value="" . $perkhidmatanId . " selected"> . $perkhidmatanName . '</option>';
63           } else {
64             echo '<option value="" . $perkhidmatanId . " "> . $perkhidmatanName . '</option>';
65           }
66         }
67       }
68     <!-- Add more options as needed -->
69   </select>
70 </div>
```



```

64         }
65     }
66 }
67 ?>
68 <!-- Add more options as needed -->
69 </select>
70 </div>
71 <div class="form-group">
72     <label for="pecahan-perkhidmatan">Pecahan Perkhidmatan</label>
73     <select class="form-control" id="d_pecahan" name="d_pecahan" required>
74         <option value="">Select Pecahan Perkhidmatan</option>
75     <?php
76         if ($pecahanResult->num_rows > 0) {
77             // Process tb_pecahan data
78             while ($row = $pecahanResult->fetch_assoc()) {
79                 // Access row data
80                 $pecahanId = $row["pecahan_id"];
81                 $pecahanName = $row["pecahan_name"];
82
83                 if ($pecahanId == $doc['d_pecahan']) {
84                     echo '<option value="" . $pecahanId . "" selected>' . $pecahanName . '</option>';
85                 } else {
86                     echo '<option value="" . $pecahanId . "">' . $pecahanName . '</option>';
87                 }
88             }
89         }
90     <?php
91 </select>
92 </div>
93 <div class="form-group">
94     <label for="kategori">Kategori</label>
95     <select class="form-control" id="d_kategori" name="d_kategori" required>
96         <option value="">Select Kategori</option>
97     <?php
98         if ($kategoriResult->num_rows > 0) {
99             // Process tb_kategori data
100             while ($row = $kategoriResult->fetch_assoc()) {
101                 // Access row data
102                 $kategoriId = $row["k_code"];
103                 $kategoriName = $row["k_name"];

```

```

105         if ($kategoriId == $doc['d_kategori']) {
106             echo '<option value="" . $kategoriId . "" selected>' . $kategoriName . '</option>';
107         } else {
108             echo '<option value="" . $kategoriId . "">' . $kategoriName . '</option>';
109         }
110     }
111 }
112 ?>
113 </select>
114 </div>
115 <div class="form-group">
116     <label for="catatan">Catatan</label>
117     <textarea class="form-control" id="d_catatan" name="d_catatan" rows="3"><?php echo $doc['d_catatan'] ?></textarea>
118 </div>
119 </div>
120 </div>
121 <button type="submit" class="btn btn-primary">Kemaskini</button>
122 </form>
123 </div>
124 </div>

```

viewDoc.php

```
1  <div class="row">
2    <style>
3      /* Additional custom styles */
4      .document-container {
5        margin-top: 50px;
6      }
7
8      .document-card {
9        margin-bottom: 20px;
10     }
11
12     .document-card-header {
13       background-color: #f5f5f5;
14       padding: 15px;
15       border-bottom: 1px solid #ddd;
16       border-top-left-radius: 3px;
17       border-top-right-radius: 3px;
18     }
19
20     .document-card-body {
21       padding: 15px;
22       background-color: #fff;
23       border-bottom-left-radius: 3px;
24       border-bottom-right-radius: 3px;
25     }
26
27     .document-card-body p {
28       margin-bottom: 10px;
29     }
30   </style>
31   <?php
32   if ($result->num_rows > 0) {
33     $row = $result->fetch_assoc();
34   }>
```

```
35   <div class="container-fluid document-container">
36     <div class="row justify-content-center">
37       <div class="col-md-8">
38         <h2 class="mt-3">Maklumat Dokumen : <?php echo $row['d_code']; ?></h2>
39         <div class="row">
40           <div class="col-md-6">
41             <div class="card document-card">
42               <div class="card-body document-card-body">
43                 <p><strong>Kod:</strong> <?php echo $row['d_code']; ?></p>
44                 <p><strong> Tajuk:</strong> <?php echo $row['d_name']; ?></p>
45                 <p><strong>Fail:</strong> <a href=".."file/<?php echo $row['d_file']; ?>"><?php echo $row['d_file']; ?></a></p>
46                 <p><strong>Tarikh Keluaran:</strong> <?php echo $row['d_tarikh_keluaran']; ?></p>
47               </div>
48             </div>
49           </div>
50           <div class="col-md-6">
51             <div class="card document-card">
52               <div class="card-body document-card-body">
53                 <p><strong>Pemilik:</strong> <?php echo $row['owner_code']; ?></p>
54                 <p><strong>Perkhidmatan:</strong> <?php echo $row['d_perkhidmatan']; ?></p>
55                 <p><strong>Pecahan Perkhidmatan:</strong> <?php echo $row['d_pecahan']; ?></p>
56                 <p><strong>Kategori:</strong> <?php echo $row['d_kategori']; ?></p>
57                 <p><strong>Catatan:</strong> <?php echo $row['d_catatan']; ?></p>
58               </div>
59             </div>
60           </div>
61         </div>
62       </div>
63     </div>
64   </div>
65   <?php
66   } else {
67     echo "<p class='col-12'>Tiada dokumen dijumpai: " . $row['d_code'] . "</p>";
68   }
69   >
70 </div>
```

8.0 Summary

Our Document Management System (DMS) is a software or platform designed to store, organize, and manage digital documents within an organization. It offers a range of features and benefits to streamline document-related processes and also It offers features such as document storage which provides a centralized location for storing documents electronically. It allows documents to be organized into folders or categories, making it easy to locate and retrieve files when needed. Our DMS includes features which are version control that allows users to track and manage different versions of documents. Search and retrieval, security and access control, audit trails, and integration capabilities are also parts of features for our Document Management System(DMS). A Document Management System simplifies the management of digital documents, improves collaboration, enhances security, and boosts overall productivity within organizations.