

INTERNET AND WEB TECHNOLOGY ASSIGNMENT

DIARY WEB APPLICATION

Prepared for

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Abstract:

This research paper discussing the various useful tools and techniques that are used in a development of a website. We also discuss about the procedure follow in a website, mostly focused on a local host named Xampptool. Next, we compare different development frameworks web application. In addition, we discuss life cycle model and framework development of web application.

In this report, various review papers result also included for understanding of problems can be facing by the users. This Paper tells about the technologies used in this development, PHP and explained in result its functionality with Xampp with screenshots. It is hoped it will gives a useful framework for guiding the process.

Objective:

To create a diary Web Application. Here we try to build a user - friendly diary website such that any one can register in that website and create their own note

Introduction:

Our project is a web application which provides users to maintain a digital diary. Since users would like to ensure their privacy for what they write here, appropriate functions are used to protect their data. The project outcome is to present a more functional and efficient way to maintain their diaries than the traditional paper diaries.

A diary, then, in its simplest form, is a record of each day. Keeping a diary is a matter of keeping a record of what happens in your life: the interesting and the mundane, and your thoughts and feelings about both. Diaries have the unique ability to slow us down a little, allowing us to function more efficiently and effectively, improving our well-being in the long run. It will offer a range of advantages compared to the paper version of diaries.

Following are some of the benefits of keeping a diary:

- Keeping a diary has been shown to be good for the mental health
- Keeping a diary helps to improve one's writing
- Keeping a diary can help one to remember events and activities

The project uses PHP, MySQL, HTML, CSS, JavaScript, JQuery and Bootstrap to develop a responsive user-friendly web application

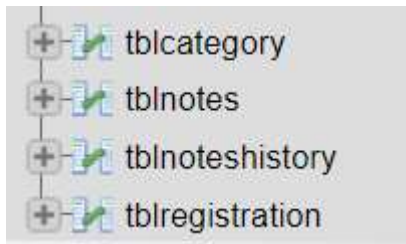
Technologies Used:

1. Php
2. JavaScript
3. CSS
4. HTML
5. Database
6. XAMPP Server

Database Design:

Database name: edmsdb

Database has 4 tables:



1. tblcategory:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 categoryName	varchar(125)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	3 createdBy	int(5)			Yes	NULL			Change Drop More
<input type="checkbox"/>	4 creationDate	timestamp			Yes	current_timestamp()			Change Drop More

2. tblnotes:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 noteCategory	varchar(255)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	3 noteTitle	varchar(255)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	4 noteDescription	mediumtext	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	5 createdBy	int(5)			Yes	NULL			Change Drop More
<input type="checkbox"/>	6 creationDate	timestamp			Yes	current_timestamp()			Change Drop More

3. tblnoteshistory:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 noteld	int(11)			Yes	NULL			Change Drop More
<input type="checkbox"/>	3 userid	int(11)			Yes	NULL			Change Drop More
<input type="checkbox"/>	4 noteDetails	mediumtext	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	5 postingDate	timestamp			Yes	current_timestamp()			Change Drop More

4. tblregistration:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 firstName	varchar(150)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	3 lastName	varchar(150)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	4 emailId	varchar(150)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	5 mobileNumber	bigint(12)			Yes	NULL			Change Drop More
<input type="checkbox"/>	6 userPassword	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	7 regDate	timestamp			Yes	current_timestamp()			Change Drop More

Source Code:

Index.php file:

```
<!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, shrink-to-fit=no" />
    <meta name="description" content="" />
    <meta name="author" content="" />
    <title>Online Dairy</title>
    <link href="css/styles.css" rel="stylesheet" />
    <script src="https://use.fontawesome.com/releases/v6.1.0/js/all.js" crossorigin="anonymous"></script>
  </head>
  <body>

    <div id="layoutSidenav">
      <div id="layoutSidenav_nav">
        <nav class="sb-sidenav accordion sb-sidenav-dark" id="sidenavAccordion">
          <div class="sb-sidenav-menu">
            <div class="nav">
              <div class="sb-sidenav-menu-heading">Core</div>
              <a class="nav-link" href="registration.php">
                <div class="sb-nav-link-icon"><i class="fa fa-user"></i></div>
                Registration
              </a>
              <a class="nav-link" href="login.php">
                <div class="sb-nav-link-icon"><i class="fa fa-user"></i></div>
                Login
              </a>
            </div>
          </div>
        </nav>
      </div>

      <div id="layoutSidenav_content">
        <main>
          <div class="container-fluid px-4">
            <h1 class="mt-4">Online Dairy</h1>
            <ol class="breadcrumb mb-4">
              <li class="breadcrumb-item"><a href="index.php">Home Page</a></li>
            </ol>
            <div class="card mb-4">
              <div class="card-body">
                <p class="mb-0">
                  
                </p>
              </div>
            </div>
          </div>
        </main>
      </div>
    </div>

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" crossorigin="anonymous"></script>
    <script src="js/scripts.js"></script>
  </body>
</html>
```

Dashboard.php file:

```
<?php session_start();
error_reporting(0);
include_once('includes/config.php');
if(strlen( $_SESSION["edmsid"])==0)
{ header('location:logout.php');
} else {
?>
<!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, shrink-to-fit=no" />
        <meta name="description" content="" />
        <meta name="author" content="" />
        <title>Online Dairy | Dashboard</title>
        <link href="https://cdn.jsdelivr.net/npm/simple-datatables@latest/dist/style.css" rel="stylesheet" />
        <link href="css/styles.css" rel="stylesheet" />
        <script src="https://use.fontawesome.com/releases/v6.1.0/js/all.js" crossorigin="anonymous"></script>
    </head>
    <body class="sb-nav-fixed">
<?php include_once('includes/header.php');?>
        <div id="layoutSidenav">
            <?php include_once('includes/leftbar.php');?>
            <div id="layoutSidenav_content">
                <main>
                    <div class="container-fluid px-4">
                        <h1 class="mt-4">Dashboard</h1>
                        <ol class="breadcrumb mb-4">
                            <li class="breadcrumb-item active">Dashboard</li>
                        </ol>
                        <hr />
                    </div>
                </main>
            </div>
        </div>
<?php
$userid=$_SESSION["edmsid"];
$ret=mysqli_query($con,"select id from tblcategory where createdBy='$userid'");
$listedcategories=mysqli_num_rows($ret);

$query=mysqli_query($con,"select * from tblnotes where createdBy='$userid'");
$totalnotes=mysqli_num_rows($query);
?>
        <div class="col-lg-6 col-xl-2 mb-4"></div>
        <div class="col-lg-6 col-xl-4 mb-4">
            <div class="card bg-primary text-white h-100">
                <div class="card-body">
                    <div class="d-flex justify-content-between align-items-center">
                        <div class="me-3">
                            <div class="text-white-75 small">Listed Categories</div>
                            <div class="text-lg fw-bold"><?php echo $listedcategories;?></div>
                        </div>
                        <svg xmlns="http://www.w3.org/2000/svg" width="24" height="24" viewBox="0 0 24 24" fill="none">
                            <!-- Icon: List / Categories -->
                        </svg>
                    </div>
                    <div class="card-footer d-flex align-items-center justify-content-between small">
                        <a class="text-white stretched-link" href="manage-categories.php">View Details</a>
                    </div>
                </div>
            </div>
        </div>
        <div class="col-lg-6 col-xl-4 mb-4">
            <div class="card bg-success text-white h-100">
                <div class="card-body">
                    <div class="d-flex justify-content-between align-items-center">
                        <div class="me-3">
                            <div class="text-white-75 small">Total Notes</div>
                            <div class="text-lg fw-bold"><?php echo $totalnotes;?></div>
                        </div>
                        <svg xmlns="http://www.w3.org/2000/svg" width="24" height="24" viewBox="0 0 24 24" fill="none">
                            <!-- Icon: Notes / Documents -->
                        </svg>
                    </div>
                </div>
            </div>
        </div>
    </div>
</body>
</html>
```

```

        </div>
        <div class="card-footer d-flex align-items-center justify-content-between small">
            <a class="text-white stretched-link" href="manage-notes.php">View Details</a>
        </div>
    </div>
</div>

<div class="card mb-4">
    <div class="card-header">
        <i class="fas fa-table me-1"></i>
        Recently Added Notes
    </div>
    <div class="card-body">
        <table id="datatablesSimple">
            <thead>
                <tr>
                    <th>#</th>
                    <th>Note Title</th>
                    <th>Category</th>
                    <th>Creation date</th>
                    <th>Action</th>
                </tr>
            </thead>
            <tfoot>
                <tr>
                    <th>#</th>
                    <th>Note Title</th>
                    <th>Category</th>
                    <th>Creation date</th>
                    <th>Action</th>
                </tr>
            </tfoot>
        </table>
    </div>
</div>

<?php |
$userid=$_SESSION["edmsid"];
$query=mysqli_query($con,"select * from tblnotes where createdBy='$userid'");
$cnt=1;
while($row=mysqli_fetch_array($query))
{
    ?>

    <tr>
        <td><?php echo htmlentities($cnt);?></td>
        <td><?php echo htmlentities($row['noteTitle']);?></td>
        <td><?php echo htmlentities($row['noteCategory']);?></td>
        <td><?php echo htmlentities($row['creationDate']);?></td>
        <td>
            <a href="view-note.php?noteid=<?php echo $row['id'];?>" class="btn btn-primary">View</a>
            <a href="manage-notes.php?id=<?php echo $row['id'];?>&del=delete" onClick="return confirm('Are
        </td>
        <?php $cnt=$cnt+1; } ?>
    </tbody>
</table>
</div>
</div>
</main>

<?php include_once('includes/footer.php');?>
</div>
</div>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" crossorigin="anonymous"></script>
<script src="js/scripts.js"></script>
<script src="https://cdn.jsdelivr.net/npm/chart.js/2.8.0/chart.min.js" crossorigin="anonymous"></script>
<script src="assets/demo/chart-area-demo.js"></script>
<script src="assets/demo/chart-bar-demo.js"></script>
<script src="https://cdn.jsdelivr.net/npm/simple-datatables@latest" crossorigin="anonymous"></script>
<script src="js/datatables-simple-demo.js"></script>
</body>
</html>
<?php ?>

```


Output:

Home Page:



Registration Page:

The screenshot displays the 'User Registration' page of the 'Online Diary' application. The page has a solid purple background. A white rectangular form is centered on the page. At the top of the form is the title 'Online Diary'. Below it is the section header 'User Registration'. The form contains several input fields: 'First name' and 'Last name' (side-by-side), 'Email address', 'Mobile Number', 'Password', and 'Confirm Password' (side-by-side). A prominent purple button labeled 'Create Account' is positioned below the input fields. At the bottom of the form, there are two links: 'Have an account? Go to login' and 'Back to Home Page'.

Login Page:

Online Diary

User Login

[Forgot Password?](#)

Login

[Need an account? Sign up!](#)

[Back to Home Page](#)

Main Page After Logging In:

Online Diary

Search for note...

Dashboard

Dashboard

Listed Categories
0
[View Details](#)

Total Notes
0
[View Details](#)

Recently Added Notes

10 entries per page

Search...

#	Note Title	Category	Creation date	Action
No entries found				


Logged in as: Nikhitha Tubati

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To Add Note:

Online Diary

☰

Search for note... 

LOGGED IN AS: NIKHITHA TUBATI

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CORE

Dashboard

Categories

Notes

PROFILE SETTING

Change Password

My Profile

Logout

Add Note

[Dashboard](#) / Add Note

Category Name

Select Category

Note Title

Enter the note title

Note Description

Enter Note Description

Submit

Profile Updation Page:

Online Diary | Password Recovery

Emailid

Contact No.

New Password

Confirm Password

[Forgot Password?](#)

Submit

[Back to Home Page](#)

Password Recovery Page:

Online Diary

Search for note...

Update Profile

[Dashboard](#) / [Update Profile](#)

First name	Nikhitha
Last Name	Tubati
Email id	nikhithatubati@gmail.com
Mobile Number	9652393313
Reg. Date	2022-06-12 15:01:59

[Update](#)

Logged in as: Nikhitha Tubati
localhost/edms/change-password.php

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Conclusion:

This web-based Online Diary System developed using PHP, HTML, JavaScript, text API and MySQL fulfills the basic objectives of the system for which it has been developed. The system has reached a steady state as far as raw php coding. The system is operated at a high level of efficiency and its advantage quite understood.