

Project Based Learning(PBL) Report

Disease Identifier & Cure Manager



BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

Under the esteemed guidance of

Mr. Ramanjaneyulu

Associate Professor

By

E Saikiran (22R15A0514)

B Prabhaker(22R15A0513)



**Department of Computer Science and Engineering Accredited by
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**Geethanjali College of Engineering and Technology(UGC
Autonomous)**

(Affiliated to J.N.T.U.H, Approved by AICTE, New Delhi) Cheeryal (V),
Keesara (M), Medchal.Dist.-501 301.

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Geethanjali College of Engineering & Technology

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DECLARATION BY THE CANDIDATE

I/We **E Saikiran(22R15A0514), B Prabhaker(22R15A0513)** hereby declare that the PBL report entitled “**Disease Identifier & Cure Manager** ” is done under the guidance of, **Dr.Ramanjaneyulu, Associate Professor**, Department of Computer Science and Engineering, Geethanjali College of Engineering and Technology.

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CERTIFICATE

This is to certify that the B.Tech Project Based Learning(BPL) report entitled “DISEASE IDENTIFIER & CURE MANAGER” is a bonafide work submitted by Ejumalla Saikiran(22R15A0514),Banala Prabhaker,under the course of WEB-TECHNOLOGIES.

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HOD-CSE

Dr.A Sree Lakshmi

Professor

ACKNOWLEDGEMENT

It is our pleasure to be indebted to various people, who directly or indirectly contributed in the development of this work and who influenced our thinking, behavior and acts during the course of study.

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ABSTRACT

Our website aim is to empower introverted individuals by offering a user-friendly interface that guides them through a systematic process of self-diagnosis. The platform will utilize an intuitive questionnaire-based system to gather information about the user's symptoms, medical history, and other relevant factors. Based on the data provided, the website will employ advanced algorithms to generate potential disease matches and present the users with a list of possible conditions that align with their symptoms.

To ensure the accuracy and reliability of the information presented, our platform will incorporate up-to-date medical databases and trusted sources. Users will be provided with detailed descriptions of each potential disease match, including common symptoms, risk factors, and recommended diagnostic steps. Additionally, the website will offer information about over-the-counter curing medicines, outlining their uses, dosages, and potential side effects.

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CHAPTER-1

INTRODUCTION

1.1 SCOPE

In the contemporary healthcare landscape, there exists a notable concern regarding the health management of introverted individuals who often hesitate to consult medical professionals for their health issues. To bridge this gap and offer a tailored solution, we propose the development of an innovative website [**DISEASE IDENTIFIER & CURE MANAGER**] designed specifically for introverted individuals. This website aims to empower them by providing a platform to independently identify potential diseases and explore suitable curative measures. By leveraging the capabilities of this digital platform, we strive to enhance accessibility and comfort in accessing vital healthcare information.

1.2 Existing Systems

1. Oxyjon App
2. Medical futurist App
3. Symptomate App

These apps are mostly used to identify diseases in human body not only these apps we have several apps in app store but in those has some drawbacks

Drawbacks of Existing System

- We have to pay for subscription fee for use these apps
- Not accurate medicines

.

1.2 Proposed System

DISEASE IDENTIFIER & CURE MANAGER

Our website aims to empower introverted individuals by offering a user-friendly interface that guides them through a systematic process of self-diagnosis. The platform will utilize an intuitive questionnaire-based system to gather information about the user's symptoms, medical history, and other relevant factors. Based on the data provided, the website will employ advanced algorithms to generate potential disease matches and present the users with a list of possible conditions that align with their symptoms. To ensure the accuracy and reliability of the information presented, our platform will incorporate up-to-date medical databases and trusted sources. Users will be provided with detailed descriptions of each potential disease match, including common symptoms, risk factors, and recommended diagnostic steps. Additionally, the website will offer information about over-the-counter curing medicines, outlining their uses, dosages, and potential side effect

ADVANTAGES

- Free of cost
- Accurate medicines
- All legal permissions taken
- all disadvantages are overcomeed of existing apps

CHAPTER-2

SYSTEM ANALYSIS

2.1 HARDWARE REQUIREMENTS

The Disease Identifier Website is designed to be accessible on a variety of devices, including:

- Personal Computers (Desktop or Laptop)
- Tablets
- Smartphones

To access the website, users need an internet connection and a modern web browser. There are no specific hardware requirements beyond those typical for web browsing.

CHAPTER-3

SYSTEM DESIGN

3.1 ARCHITECTURE DESIGN

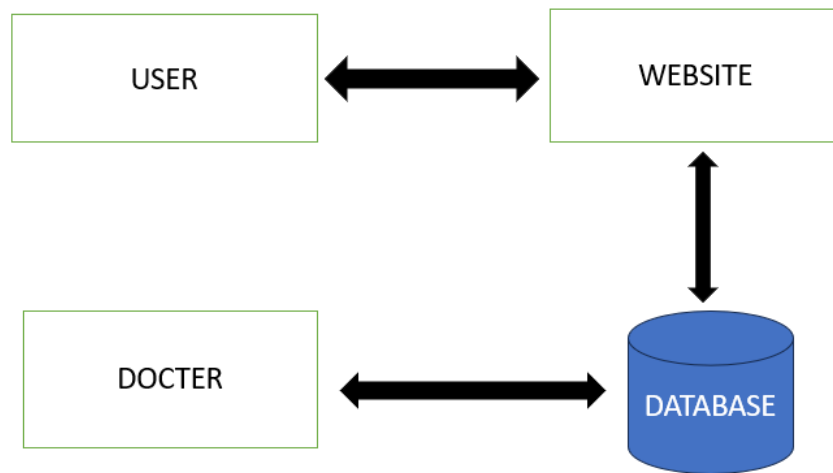


FIG.NO 3.1 [ARCHITECTURAL DESIGN]

3.2 MODULES

MODULE-1 [Understanding People Healthcare Needs]

Exploring the psychology behind introversion and its impact on seeking medical assistance. Investigating reasons for introverts avoiding doctor consultations and potential consequences. Statistical insights into prevalence of introverted behavior in healthcare settings.

MODULE-2 [Symptoms Checker]

Users can input their symptoms, and the system will provide a list of possible diseases or conditions based on the symptoms entered. This module utilizes a sophisticated algorithm to generate probable diagnoses, offering users Insights into potential health concerns.

MODULE-3 [Medical Database]

This section houses a comprehensive database of diseases, including their symptoms, causes, risk factors, and related information. Users can search for specific ailments to gain a better understanding of their condition and possible treatments.

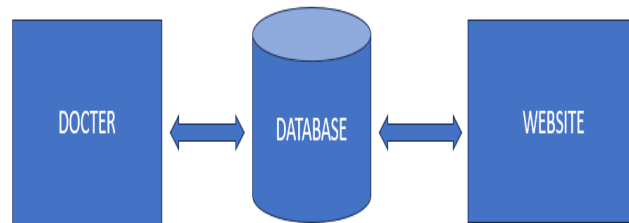


FIG.NO 3.4 [STORING THE DISEASE INFORMATION IN DATABASE]

MODULE-4 [Treatment Options]

Users can explore various treatment options for identified diseases or symptoms. The module provides a range of conventional and alternative treatments, along with their descriptions and potential outcomes.

Medication Guide :

Provides

1. Medical consultancy
2. Direct medicines according to symptoms
3. Preventions
4. Recommendation to doctors

CHAPTER-4

SYSTEM IMPLEMENTATION

1. REQUIREMENTS

- PHP Language
- JavaScript
- HTML & CSS

CHAPTER-4

SOURCE CODE

Index.html:

```
<html>

<head>

<title>DICM</title>

<link rel="stylesheet" href="css/all.css">

<style type="text/css">

    i{color: rgb(239, 2, 2);}

.back-video{

    position: fixed;

    right: 0;

    bottom: 0;

    z-index: -1;

}

html {

scroll-behavior: smooth;

}

h1{font-family: cursive;background-color: #f60b0b;color: #fff;text-align: center;padding: 20px;}

div{margin: 75px auto;text-align: center;}

a{padding: 20px;margin: 20px; border-radius: 3px; background-color: #f60e0e;text-decoration: none;display: inline-block;color: #e9e5e5;}

a:hover{background-color: #ce4cba;transition: all 0.3s}
```

```

</style>

</head>

<body bgcolor="orange">

    <video autoplay loop muted plays-inline class="back-video ">

        <source src="Vi.mp4" type="video/mp4">

    </video>

    <h1></img> <font color="white" face="Garamond">Disease
Identifier & Cure Manager </font></h1>

    <center></img></center>

    <marquee><p style="border-left: 6px solid rgb(245, 10, 10);"><font color="red" size="5" face="OCR A
Extended">welcome</font></p></marquee>

    <marquee><i class="fa-solid fa-bed-pulse fa-beat"></i>           &nbsp; &nbsp; &nbsp;<font color="red" face="OCR A
Extended" size="5" >REGISTER TO CURE YOUR HEALTH</font>&nbsp;&nbsp;&nbsp;&nbsp;<i class="fa-solid fa-heart-pulse fa-beat-
fade"></i></marquee>

    </img></img>

    <div>

        <a href="login.php">LOGIN</a>

        <a href="register.php">REGISTER</a>

        <a href="aboutus.php">ABOUT US</a>

    </div>

</body>

</html>

<html>

```

Register.php:

```
<?php

include "server.php";

?>

<html>

<head>

<title>Register</title>

<link rel="stylesheet" href="css/all.css">

<style type="text/css">

    .back-video{

        position: absolute;

        right: 0;

        bottom: 0;

        z-index: -1;

    }

    h2{font-family: cursive;background-color: #f60b0b;color: #fff;text-align: center;padding: 20px;}

    .error{

        color:red;

    }

    .suc{

        color:green;
```



```

}

</style>

</script>

</head>

<body>

    <h2></img> <font color="white" face="Curlz MT">Disease
Identifier & Cure Manager </font></h2>


    <video autoplay loop muted plays-inline class="back-video ">

        <source src="Vi.mp4" type="video/mp4">

    </video>

    </img>

    </img>

    <marquee><p style="border-left: 6px solid rgb(245, 10, 10);"><font color="red" size="5" face="OCR A
Extended">welcome</font></p></marquee>

    <marquee><i class="fa-solid fa-bed-pulse fa-beat"></i>                &nbsp; &nbsp; <font color="red" face="OCR A
Extended" size="5" >REGISTER TO CURE YOUR HEALTH</font>&nbsp; &nbsp; &nbsp; <i class="fa-solid fa-heart-pulse fa-beat-
fade"></i></marquee>

    <?php

$name=$pass=$email=$phone=$suc=$pass1=" ";

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

{

    if(empty($_POST["n"]))

    {

        $name="Name is required";

    }

    if(empty($_POST["p"]))

```

```
{  
    $pass="Password is required";  
}  
  
if(empty($_POST["p1"]))  
{  
    $pass="Re entry of Password is required";  
}  
  
if(empty($_POST["e"]))  
{  
    $email="Email is required";  
}  
  
if(empty($_POST["m"]))  
{  
    $phone="Number is required";  
}  
  
if(strlen($_POST["n"])<6)  
{  
    $name="User name must be atleast 6 characters";  
}  
  
if(strlen($_POST["p"])<6)  
{  
    $pass="password must be atleast 6 characters";  
}  
  
if(strlen($_POST["m"])!=10)  
{  
    $phone="Phone Number Contains 10 digits";  
}
```

```

}

if((strlen($_POST["n"])>=6)&&(strlen($_POST["p"])>=6)&&(strlen($_POST["m"])==10))

{

    $e=$_POST["e"];

    $na=$_POST["n"];

    $p=$_POST["p"];


    $sql = "select * from u where user = '$e' and pass = '$p'";

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

    $row = mysqli_fetch_assoc($result);

    $count = mysqli_num_rows($result);

    if($count == 1){

        echo "$na you are already registered";

    }

    else{

        $suc=" Registration success";

        $res = mysqli_query($con,"insert into u values('$e','$p')");

        echo 'Inserted Successfully';

        $to_mail=$e;

//send email code

        $subject="Disease Identifier & Cure Manager";

        $body="Hi Mr/Ms/Mrs $na thankyou for registering in DI&CM. We try our best to check Your Health condition and Give You Proper Medication !!!!!";

        $headers = "From: ejumallas@gmail.com";

```

```

if(mail($to_mail, $subject, $body, $headers))
{
    echo "Email successfully sent to $to_mail...";
}
else{
    echo "Email sending failed.....";

}}

}

if(strcmp($pass,$pass1)!=0)
{$pass1="Passwords are not matched!";
}

}

?>

<table align="center">
<form action="<?php echo htmlspecialchars($_SERVER["PHP_SELF"]) ?>" method="post">
<tr><td>Enter the Name:</td><td><input type="text" name="n">
<span class="error">*
    <?php
        echo $name;
    ?>
</span></td></tr><br>
<tr><td>Enter the Password:</td><td><input type="password" name="p">
<span class="error">*
    <?php

```

```

        echo $pass;

        ?>
    </span></td></tr><br>

    <tr><td>Re-Enter the Password:</td><td><input type="password" name="p1">

    <span class="error">*

        <?php

        echo $pass1;

        ?>

    </span></td></tr><br>

    <tr><td>Enter Email:</td><td><input type="email" name="e">

    <span class="error">*

        <?php

        echo $email;

        ?>

    </span></td></tr><br>

    <tr><td>Enter Phone:</td><td><input type="text" name="m">

    <span class="error">*

        <?php

        echo $phone;

        ?>

    </span></td></tr><br>

    <tr><td><input type="submit" value="register" name="submit"></td>

    <td><input type="reset" value="cancel"></td></tr>

</form>

<br>

```

```
<span class="suc">
```

```
<?php
```

```
echo $suc;
```

```
?>
```

```
</span>
```

```
</table>
```

```
</body>
```

```
</html>
```

Login.php:

```
<?php

include "server.php";

?>

<html>

<head>

<title>Login Page</title>

<style type="text/css">

.back-video{

    position: absolute;

    right: 0;

    bottom: 0;

    z-index: -1;

}

h2{font-family: cursive;background-color: #f60b0b;color: #fff;text-align: center;padding: 20px;}

div{width: 500px;box-shadow: 0px 1px 10px #a8a8a8; position: absolute;top: 50%;left: 50%;transform: translate(-50%,-50%);background-color: #fff;padding-bottom: 10px}

h1{background-color: #f60909f4;text-align: center;margin-top: 0;padding: 20px;color: #fff}

input{display: block; margin:auto; font-size: 20px}

p{text-align: center;font-size: 20px;color: #e0587c}

input{width: 70%;border: 1px solid #ef0716;background-color: #fff;outline: none;border-radius: 5px;height:40px;padding: 10px}

input[type="submit"]:hover{background-color: #54b0bc;border: 0}

input[type="submit"]{background-color: #ab14ab;color: #fff;cursor: pointer}

a{padding: 5px; border-radius: 3px; background-color: #a8d60f;text-decoration: none;display: inline-block;color: #000;}
```

```

a:hover{color: #97b1de; background-color: #f80101;transition: all 0.3s}

</style>

</head>

<body>

    <h2></img> <font color="white" face="Curlz MT">Disease Identifier
    & Cure Manager </font></h2>

    <video autoplay loop muted plays-inline class="back-video ">

        <source src="Vi.mp4" type="video/mp4">

    </video>

    </img>

    </img>

    <div>

        <h1>Login</h1>

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

            <p>Enter your email</p>

            <input type="email" name="n1">

            <p>Enter your password</p>

            <input type="password" name="p1"><br>

            <input type="submit" value="Login" name="submit">

            <p><a href="index.html">Home</a></p>

        </form>

    </div>

</body>

</html>

```


Ls.php:

```
<?php

include('server.php');

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

    $username = $_POST['n1'];

    $password = $_POST['p1'];


    $sql = "select * from u where user = '$username' and pass = '$password'";

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

    $row = mysqli_fetch_assoc($result);

    $count = mysqli_num_rows($result);


    if($count == 1){

        header("Location: start.php");

    }

    else{

        echo '<script>

            window.location.href = "register.php";

            alert("Login failed. Invalid username or password!!")

        </script>';

    }

}

?>
```

Server.php:

```
<?php

$server="localhost";

$user="root";

$pass="";

$dbname="php_db";

$con=mysqli_connect($server,$user,$pass,$dbname);

if(!$con)

{

    die("not connected".mysqli_connect_error());

}

echo " ";

?>
```

Mentalhealth.php:

```
<?php
include "server.php";

?>

<html>

<head>

<style type="text/css">

.back-video{

    position:fixed;

    right: 0;

    bottom: 0;

    z-index: -1;

}

html {

scroll-behavior: smooth;

}

h2{font-family: cursive;background-color: #f60b0b;color: #fff;text-align: center;padding: 20px;}

</style>

</head>

<body>

<h2></img> <font color="white" face="Curlz MT">Disease Identifier & Cure
Manager </font></h2>

<video autoplay loop muted plays-inline class="back-video ">

<source src="Vi.mp4" type="video/mp4">
```

</video>

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

<table cellpadding="20" cellspacing="20">

<tr><td>Name</td><td><input type="text" name="name"></td></tr>

<tr><td>Age</td><td><input type="text" name="age"></td></tr>

<tr><td>Gender</td><td><input type="text" name="gender"></td></tr>

<tr><td>Phone</td><td><input type="text" name="phone"></td></tr>

<tr><td>Are you experiencing persistent feelings of sadness, emptiness, or hopelessness? Have you lost interest or pleasure in activities you once enjoyed?</td></tr>

<tr><td><input type="radio" name="a" value="YES">yes

<input type="radio" name="a" value="NO">no</td></tr>

<tr><td>How long have you been feeling this way? Is this a recent occurrence or something you've been experiencing for a while?

</td></tr>

<tr><td><input type="radio" name="b" value="YES">Recent

<input type="radio" name="b" value="NO">For a while</td></tr>

<tr><td>Have you noticed changes in your sleep patterns? Are you having trouble falling asleep, staying asleep, or experiencing excessive sleepiness?

</td></tr>

<tr><td><input type="radio" name="c" value="YES">yes

<input type="radio" name="c" value="NO">no</td></tr>

<tr><td>Have there been changes in your appetite or weight? Are you eating more or less than usual?

</td></tr>

<tr><td><input type="radio" name="d" value="YES">yes

<input type="radio" name="d" value="NO">no</td></tr>

<tr><td>Do you often feel fatigued or lacking in energy, even after rest?

</td></tr>

<tr><td><input type="radio" name="e" value="YES">yes

<input type="radio" name="e" value="NO">no</td></tr>

<tr><td>Have you had difficulties concentrating, making decisions, or remembering things?

</td></tr>

<tr><td><input type="radio" name="f" value="YES">yes

<input type="radio" name="f" value="NO">no</td></tr>

<tr><td>Do you have negative thoughts about yourself or feelings of worthlessness or excessive guilt?

</td></tr>

<tr><td><input type="radio" name="g" value="YES">yes

<input type="radio" name="g" value="NO">no</td></tr>

<tr><td>Have you experienced any physical symptoms like headaches, digestive issues, or unexplained pain?

</td></tr>

<tr><td><input type="radio" name="h" value="YES">yes

<input type="radio" name="h" value="NO">no</td></tr>

<tr><td>Have you been avoiding social interactions or isolating yourself from friends and family?

</td></tr>

<tr><td><input type="radio" name="i" value="YES">yes

<input type="radio" name="i" value="NO">no</td></tr>

<tr><td>Have you had thoughts of death or suicide? Do you have a plan or intent to harm yourself?

</td></tr>

<tr><td><input type="radio" name="j" value="YES">yes

<input type="radio" name="j" value="NO">no</td></tr>

```

<tr><td>Have you experienced depression or other mental health issues in the past? Have you sought treatment before?

</td></tr>

<tr><td><input type="radio" name="k" value="YES">yes

<input type="radio" name="k" value="NO">no</td></tr>


<tr><td> Have there been any significant life changes, losses, or stressors that might be contributing to your current feelings?

</td></tr>

<tr><td><input type="radio" name="l" value="YES">yes

<input type="radio" name="l" value="NO">no</td></tr>

<tr><td><input type="submit" value="SUBMIT" name="submit"></td><td><input type="reset" value="CANCEL"></td></tr>

</table>

</form>

It's important to remember that depression is a complex condition, and a proper diagnosis and treatment plan should be developed by a
qualified mental health professional. If you or someone you know is struggling with depression, please seek help from a doctor, therapist,
or counselor.

</font>

</body>

</html>

```

Mentalcheckup.php

<?php

```
include('server.php');

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

    $A = $_POST['a'];

    $B = $_POST['b'];

    $C = $_POST['c'];

    $D = $_POST['d'];

    $E = $_POST['e'];

    $F = $_POST['f'];

    $G = $_POST['g'];

    $H = $_POST['h'];

    $I = $_POST['i'];

    $J = $_POST['j'];

    $K = $_POST['k'];

    $L = $_POST['l'];

    $name= $_POST['name'];

    $age= $_POST['age'];

    $gender= $_POST['gender'];

    $phone= $_POST['phone'];

    $count=0;

    $no=0;


    if($A=="YES")

    {
```

```
$count=$count+1;

}

else{

    $no=$no+1;

}

if($B=="YES")

{

    $count=$count+1;

}

else{

    $no=$no+1;

}


if($C=="YES")

{

    $count=$count+1;

}

else{

    $no=$no+1;

}


if($D=="YES")

{

    $count=$count+1;

}

else{
```



```
$no=$no+1;  
}
```

```
if($E=="YES")  
{  
    $count=$count+1;  
}  
else{  
    $no=$no+1;  
}
```

```
if($F=="YES")  
{  
    $count=$count+1;  
}  
else{  
    $no=$no+1;  
}
```

```
if($G=="YES")  
{  
    $count=$count+1;  
}  
else{  
    $no=$no+1;  
}
```

```
if($H=="YES")
{
    $count=$count+1;
}
else{
    $no=$no+1;
}
```

```
if($I=="YES")
{
    $count=$count+1;
}
else{
    $no=$no+1;
}
```

```
if($J=="YES")
{
    $count=$count+1;

    $s="YES";
}
else{
    $no=$no+1;
    $s="NO";
```

```
}
```

```
if($K=="YES")
```

```
{
```

```
    $count=$count+1;
```

```
}
```

```
else{
```

```
    $no=$no+1;
```

```
}
```

```
if($L=="YES")
```

```
{
```

```
    $count=$count+1;
```

```
}
```

```
else{
```

```
    $no=$no+1;
```

```
}
```

```
$count=$count-$no;
```

```
if($count>5)
```

```
{
```

```
    $to_mail="22r15a0514@gcet.edu.in";
```

```
    $subject="Disease Identifier & Cure Manager";
```

```
$body="Hello Doctor your patient named $name ,age: $age and gender:$gender is filled the form he got counts  
:$count: out of 11 plz take care of the student. Suicide status:$s PH.NO:$phone ";
```

```
$headers = "From: ejumallas@gmail.com";
```

```
if(mail($to_mail, $subject, $body, $headers))
```

```
{
```

```
    echo "Email successfully sent to $to_mail...";
```

```
}
```

```
else{
```

```
    echo "Email sending failed.....";
```

```
}
```

```
header("Location: mentaltreatment.php");
```

```
}
```

```
else{
```

```
    header("Location: mentaltreatment.php");
```

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}
```

```
}
```

```
?>
```

Mentaltreatment.php:

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</head>

<body>
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Disease Identifier & Cure Manager </h2>

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</video>

<marquee>CURE</marquee>

<p>Seek Professional Help: Consulting a mental health professional, such as a psychiatrist, psychologist, therapist, or counselor, is crucial for an accurate diagnosis and tailored treatment plan.</p>

<p>Medication: In some cases, a psychiatrist might recommend medication to help alleviate the symptoms of depression. It's important to follow their guidance and attend regular check-ups.</p>

<p>Therapy: Different types of therapy, such as cognitive-behavioral therapy (CBT), dialectical behavior therapy (DBT), or psychotherapy, can provide effective tools to manage depressive thoughts and behaviors.</p>

<p>Lifestyle Changes: Adopting a healthy lifestyle can have a positive impact on mood. This includes regular exercise, a balanced diet, and sufficient sleep.</p>

<p>Social Support: Connect with friends and family members who can offer emotional support. Talking about your feelings with trusted individuals can help relieve some of the burden.</p>

<p>Mindfulness and Relaxation Techniques: Practices like meditation, deep breathing, and mindfulness can help manage stress and improve overall mental well-being.</p>

Engage in Activities: Even if you don't feel like it, engaging in activities you once enjoyed can help lift your mood and provide a sense of accomplishment.

Set Realistic Goals: Break down your tasks into smaller, achievable goals. Completing these goals can boost your self-esteem and motivation.

Limit Stressors: Identify sources of stress and try to minimize their impact on your life. This might involve setting boundaries or making changes in your environment.

Positive Self-Talk: Challenge negative thoughts and replace them with more balanced and positive self-talk. This can help reframe your perspective on challenging situations.

Routine: Establishing a daily routine can add structure and predictability to your life, which can be helpful when dealing with depression.

Avoid Isolation: While it might be tempting to withdraw, staying connected with others can provide a sense of belonging and support.

Hobbies and Interests: Engage in hobbies or interests that you find enjoyable or fulfilling. These activities can provide a sense of purpose and distraction from negative thoughts.

Limit Alcohol and Drug Use: Substance abuse can exacerbate depression. It's best to avoid or limit alcohol and recreational drug consumption.

Phyhealth.php:

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?>

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    <marquee>CURE-HEADACHE</marquee>

    <pre>

<u><b>TIPS TO OVERCOME HEADACHE</b></u>

1.Rest and Relaxation:

    Find a quiet, dark room to rest in.

    Close your eyes and try to relax your body.

2.Hydration:

    Dehydration can contribute to headaches. Drink plenty of water throughout the day.

3.Stress Reduction:

    Practice relaxation techniques such as deep breathing, meditation, or yoga.

```

Identify and manage sources of stress in your life.

4. Healthy Diet:

Maintain regular meals and avoid skipping meals, as low blood sugar can trigger headaches.

Avoid foods and drinks that are known to trigger headaches, such as caffeine, alcohol, processed foods, and foods high in sodium.

5. Cold or Heat Therapy:

Applying a cold or warm compress to your forehead or the base of your neck can provide relief for some people.

Over-the-Counter Pain Relievers:

Consider taking an over-the-counter pain reliever like acetaminophen, ibuprofen, or aspirin, following the recommended dosages.

6. Caffeine:

For some people, a small amount of caffeine (like a cup of coffee) can help alleviate certain types of headaches.

7. Massage:

Gently massaging your neck, shoulders, and temples can sometimes help ease tension-related headaches.

8. Good Posture:

Maintain proper posture, especially if you spend long hours at a desk or computer.

9. Avoid Strong Odors and Lights:

Bright lights and strong odors can trigger or exacerbate headaches for some individuals.

10.Regular Exercise:

Engage in regular physical activity to help reduce tension and improve overall well-being.

11.Limit Screen Time:

If you spend a lot of time looking at screens, take regular breaks to rest your eyes and reduce strain.

12.Sleep Hygiene:

Ensure you are getting enough quality sleep. Maintain a regular sleep schedule and create a comfortable sleep environment.

13.Avoid Trigger Factors:

Identify any specific triggers that consistently lead to your headaches and take steps to avoid them.

14.Consult a Healthcare Professional:

If your headaches are frequent, severe, or affecting your daily life, it's important to consult a doctor.

They can help diagnose the underlying cause and recommend appropriate treatment options.

Over-the-Counter (OTC) Medications:

Acetaminophen (Tylenol): This is a pain reliever and fever reducer that can be effective for mild to moderate headaches.

Ibuprofen (Advil, Motrin): Ibuprofen is a nonsteroidal anti-inflammatory drug (NSAID) that can help reduce pain and inflammation associated with headaches.

Aspirin: Aspirin is another NSAID that can help relieve headache pain and reduce inflammation.

Prescription Medications:

Triptans: These medications, such as sumatriptan, rizatriptan, and eletriptan, are commonly used to treat migraines. They work by constricting blood vessels and reducing inflammation in the brain.

Ergotamines: Ergotamine medications, like dihydroergotamine, can be used to treat migraines by constricting blood vessels.

Pain Relievers with Caffeine: Some prescription medications combine pain relievers with caffeine to enhance their effectiveness in treating headaches.

Anti-nausea Medications: If headaches are accompanied by nausea or vomiting, medications like metoclopramide or ondansetron might be prescribed.

</pre>

</body>

</html>

Cold.php:

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?>
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<html>
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<marquee>CURE-COLD</marquee>

<pre>

<u>TIPS TO OVERCOME COLD</u>

Here are some steps you can take to help alleviate cold symptoms:

1.Rest and Hydration:

Get plenty of rest to allow your body to recover.

Drink fluids like water, herbal tea, and clear broths to stay hydrated and help loosen mucus.

2. Humidify the Air:

Use a humidifier in your room to add moisture to the air, which can help relieve congestion.

Saline Nasal Sprays:

Saline nasal sprays or drops can help moisturize and clear nasal passages, reducing congestion.

3. Steam Inhalation:

Inhaling steam from a bowl of hot water or taking a warm shower can help soothe nasal passages and ease congestion.

4. Over-the-Counter Cold Medications:

Decongestants, antihistamines, and cough suppressants can be found in over-the-counter cold medications to help alleviate various symptoms. Be sure to follow the instructions and use only as directed.

5. Honey and Warm Drinks:

Warm beverages like herbal tea or warm water with honey and lemon can soothe a sore throat and provide comfort.

6. Gargling:

Gargling with warm salt water can help relieve a sore throat.

7. Nutrition:

Eat a balanced diet with plenty of fruits and vegetables to provide your body with essential nutrients for healing.

8. Avoid Smoking and Irritants:

Smoking or exposure to secondhand smoke can worsen cold symptoms. Avoid other irritants as well.

9. Wash Hands and Cover Coughs/Sneezes:

Practicing good hygiene can prevent the spread of cold viruses to others and reduce your risk of getting sick again.

10. Pain Relievers:

Over-the-counter pain relievers like acetaminophen or ibuprofen can help alleviate fever, headache, and body aches associated with a cold.

Follow dosing instructions and consult a healthcare professional if you have concerns.

11. Consult a Healthcare Provider:

If your symptoms are severe, persistent, or worsening, or if you have other health conditions, consult a doctor.

Over-the-Counter (OTC) Medications:

Keep in mind that there's no cure for the common cold, and these medications are designed to alleviate the symptoms while your body's immune system fights off the virus.

1. Decongestants:

Decongestants like pseudoephedrine or phenylephrine can help reduce nasal congestion by narrowing blood vessels in the nasal passages.

They come in oral or nasal spray forms. Decongestant nasal sprays should only be used for a short period to avoid "rebound congestion."

Be cautious with decongestants if you have high blood pressure, heart conditions, or certain other health issues. Always follow the recommended dosages.

2. Antihistamines:

Antihistamines like loratadine, cetirizine, or diphenhydramine can help alleviate sneezing, runny nose, and itching.

They can also cause drowsiness in some people, so be mindful of their effects.

Newer antihistamines tend to cause less drowsiness compared to older ones, but they can still affect individuals differently.

3.Cough Suppressants:

Cough suppressants like dextromethorphan can help alleviate coughing by reducing the urge to cough. They can be found in various cold and cough formulations.

4.Expectorants:

Expectorants like guaifenesin can help loosen mucus and phlegm, making it easier to expel them through coughing.

5.Pain Relievers and Fever Reducers:

Acetaminophen (Tylenol) and ibuprofen (Advil, Motrin) can help relieve fever, headache, sore throat, and body aches that often accompany a cold.

6.Throat Lozenges and Sprays:

Throat lozenges or sprays with soothing ingredients like menthol can provide temporary relief for sore throat.

8.Hydration and Rest:

While not medications, staying hydrated and getting plenty of rest are crucial for helping your body recover from a cold.

</pre>

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<html>

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<marquee>CURE-FEVER</marquee>

<pre>

<u>TIPS TO OVERCOME FEVER</u>

1.Stay Hydrated:

Drink plenty of fluids, such as water, clear soups, and oral rehydration solutions, to prevent dehydration that can accompany fever.

2.Rest:

Allow your body to rest and recover by getting adequate sleep and avoiding strenuous activities.

3.Dress Comfortably:

Wear lightweight and breathable clothing to help regulate your body temperature.

4.Cool Compresses:

Place a cool, damp cloth on your forehead, wrists, and neck to help bring down your body temperature.

5.Avoid Overheating:

Avoid warm environments and excessive layering of clothing, as this can exacerbate fever.

6.Over-the-Counter Fever Reducers:

Over-the-counter medications like acetaminophen (Tylenol) or ibuprofen (Advil, Motrin) can help lower fever and provide relief from discomfort. Follow the recommended dosages and consult a healthcare professional if you have any concerns.

7.Sponge Bath:

If the fever is high, you can give yourself a sponge bath using lukewarm water to help lower your body temperature.

Do not use cold water as it can lead to shivering, which might increase your body temperature.

8.Proper Nutrition:

Consume a balanced diet with easily digestible foods to provide your body with the energy it needs to fight off the infection causing the fever.

9.Monitor Temperature:

Keep track of your temperature regularly. If the fever persists or worsens, seek medical attention.

10.Seek Medical Help:

If the fever is very high (above 103°F or 39.4°C), accompanied by severe symptoms, or lasts for an extended period, it's important to consult a healthcare professional. This is particularly important for infants, young children, the elderly, and individuals with underlying health conditions.

Over-the-Counter (OTC) Medications:

The two main types of over-the-counter medications commonly used to reduce fever are:

Acetaminophen (Tylenol): Acetaminophen is a fever reducer and pain reliever. It works by affecting the parts of the brain that regulate body temperature and pain. It's generally considered safe when taken as directed, but excessive use or overdose can be harmful to the liver. Be cautious if you have liver issues or consume alcohol regularly.

Ibuprofen (Advil, Motrin): Ibuprofen is a nonsteroidal anti-inflammatory drug (NSAID) that reduces fever, inflammation, and pain. It works by inhibiting certain chemicals in the body that contribute to fever and inflammation. However, NSAIDs can have potential side effects, including stomach irritation and, in rare cases, more serious complications. They may not be suitable for everyone, especially those with certain medical conditions.

When using these medications:

1. Follow the dosing instructions on the packaging or those provided by your healthcare professional.
2. Do not exceed the recommended dose.
3. Be cautious when using multiple medications containing the same active ingredients to avoid accidental overdose.
4. If you have any medical conditions, are pregnant, or are taking other medications, consult a healthcare provider before using these medications.
5. If fever persists or worsens, seek medical attention.

</pre>

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Bodypains.php:

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?>

<html>

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<marquee>CURE-BODY PAINS</marquee>

<pre>

<u>TIPS TO OVERCOME BODY PAINS</u>

Here are some strategies to consider for managing mild body pains:

1.Rest and Relaxation:

Give your body time to rest and recover. Adequate sleep and relaxation can help your muscles heal.

2. Apply Heat or Cold:

For muscle pain, applying a warm compress or taking a warm bath can help relax tense muscles and improve blood circulation.

For acute injuries or inflammation, applying a cold pack can help reduce swelling and numb the area.

3. Gentle Stretching and Exercise:

Engage in gentle stretching and low-impact exercises to improve flexibility and blood flow. Avoid intense or strenuous activities if your pain is severe.

4. Over-the-Counter Pain Relievers:

Non-prescription pain relievers like acetaminophen, ibuprofen, or aspirin can help alleviate mild to moderate body pain.

Follow the recommended dosages and consult a healthcare professional if you have any concerns or medical conditions.

5. Topical Pain Relief:

Over-the-counter creams, gels, or patches containing ingredients like menthol, capsaicin, or lidocaine can provide localized pain relief when applied to the affected area.

6. Hydration:

Staying hydrated can help maintain joint and muscle function.

7. Maintain Proper Posture:

Practice good posture, especially if you spend long hours sitting or standing.

8. Massage:

Gentle massage or self-massage can help relieve muscle tension and improve blood circulation.

9. Diet and Nutrition:

A balanced diet rich in nutrients can support overall muscle and joint health.

10. Avoid Prolonged Inactivity:

Sitting or lying in the same position for too long can exacerbate body pain. Try to move around periodically.

11. Stay Active:

Engage in regular physical activity that is appropriate for your fitness level to maintain muscle strength and flexibility.

12. Consult a Healthcare Professional:

If your body pain is severe, worsening, or persistent, or if it's interfering with your daily activities, seek medical advice.

There could be an underlying medical condition that requires attention.

Over-the-Counter (OTC) Medications:

Here are some types of over-the-counter medications that can be used for mild to moderate body pains:

1. Acetaminophen (Tylenol): Acetaminophen is a pain reliever and fever reducer. It can be effective for various types of body pain, such as muscle aches, headaches, and minor joint discomfort.

It's generally considered safe when used as directed, but be cautious not to exceed the recommended dose, as excessive use can be harmful to the liver.

2. Nonsteroidal Anti-Inflammatory Drugs (NSAIDs):

3. Ibuprofen (Advil, Motrin): Ibuprofen is an NSAID that helps reduce pain, inflammation, and fever.

It can be used for various types of body pain, including muscle aches, joint pain, and headaches.

4. Naproxen (Aleve): Naproxen is another NSAID that provides pain relief and reduces inflammation.

It's often used for longer-lasting relief and can help with muscle pain, joint pain, and other types of discomfort.

5. Topical Pain Relievers:

Topical creams, gels, or patches containing ingredients like menthol, capsaicin, or lidocaine can be applied directly to the skin to provide localized pain relief.

These products are often used for muscle and joint pain.

6. Combination Products:

Some over-the-counter medications are combination products that contain a mixture of pain relievers, such as acetaminophen, ibuprofen, and caffeine.

These products are designed to provide more comprehensive relief for various types of pain.

Always read the labels and follow the dosing instructions on over-the-counter medications.

If you have any medical conditions, are pregnant, or are taking other medications, consult a healthcare provider before using these medications.

It's also important to be aware of potential interactions or side effects.

</pre>

</body>

</html>

CHAPTER-5

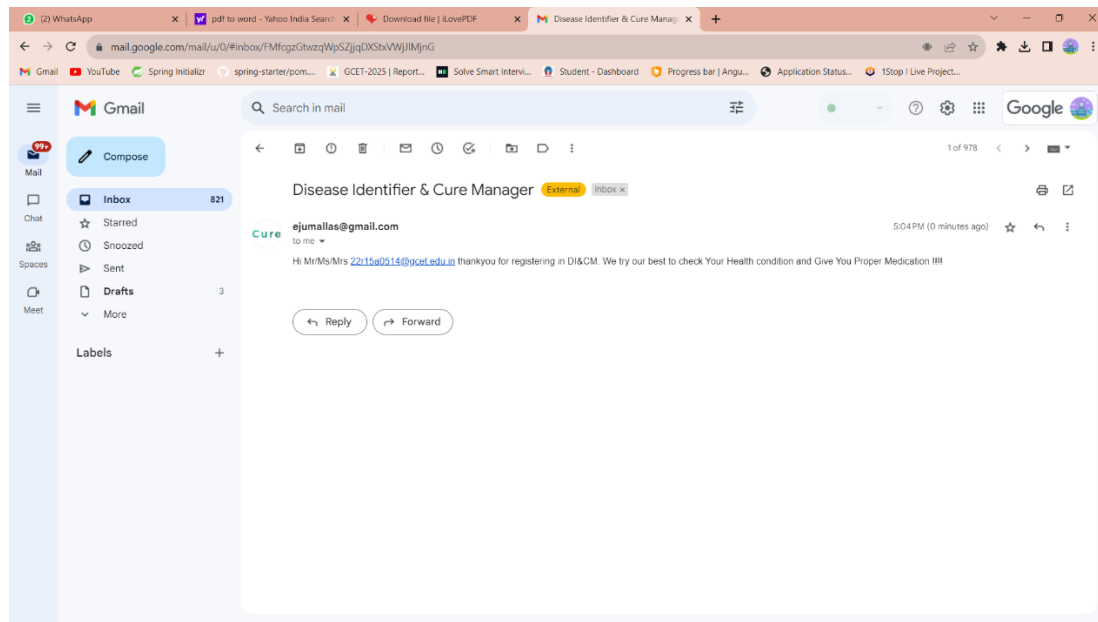
OUTPUT SCREENS

Registration page:

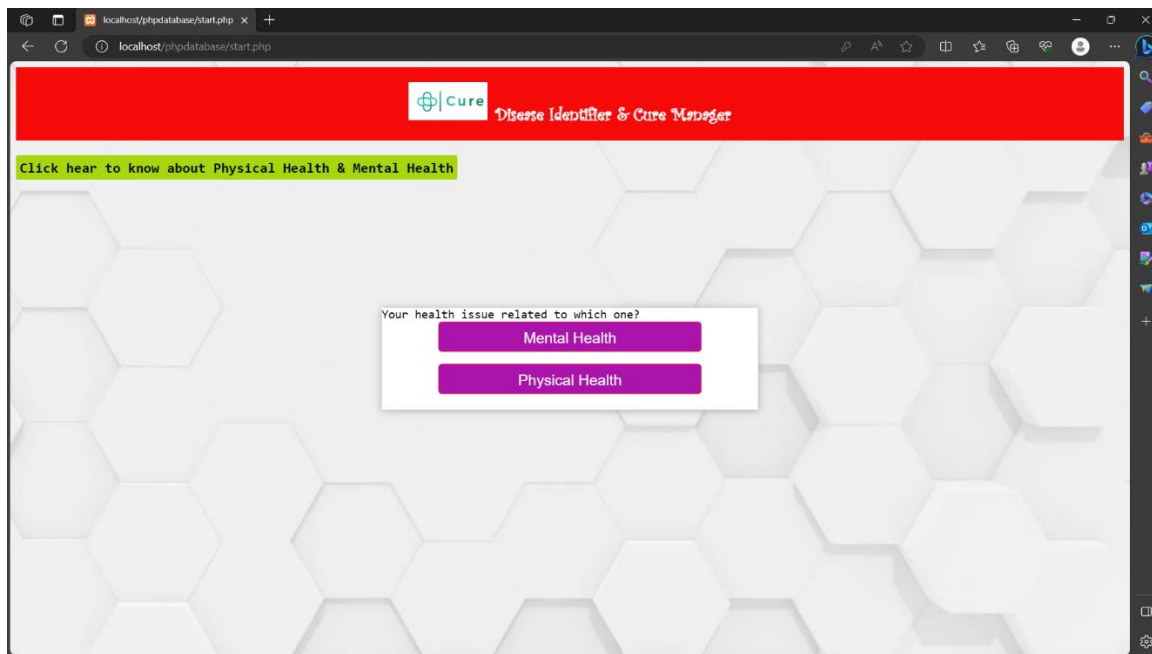
The screenshot shows a web browser window with the title 'Register' and the URL 'localhost/phpdatabase/register.php'. The page has a red header with the 'cure' logo and the text 'Disease Identifier & Cure Manager'. The background is a light gray with a hexagonal pattern. On the left, there is a photo of a female doctor. On the right, there is a photo of a male doctor. In the center, there is a 'welcome' message. On the right side, there is a button that says 'REGISTER TO CURE YOUR I'. In the center, there is a registration form with the following fields: 'Enter the Name:' (text input), 'Enter the Password:' (password input), 'Re-Enter the Password:' (password input), 'Enter Email:' (text input), and 'Enter Phone:' (text input). Below the 'Enter Phone:' field, there are two buttons: 'register' and 'cancel'.

The screenshot shows the same web browser window as the previous one, but with a success message. The message 'Inserted SuccessfullyEmail successfully sent to 22r15a0514@gcet.edu.in...' is displayed in green text on the left side. Below the message, there is a green text label 'Registration success'. The registration form is still present, but the 'register' button is now disabled. The 'cancel' button is still active. The 'welcome' message and the 'REGISTER TO CURE YOUR I' button are still visible on the right side.

Gmail received by the user:



Main User Interface:



Mental health Checking page:

localhost/phpdatabase/mentalhealth.php?< /> localhost/phpdatabase/mentalhealth.php?

Cure Disease Identifier & Cure Manager

Name

Age

Gender

Phone

Are you experiencing persistent feelings of sadness, emptiness, or hopelessness? Have you lost interest or pleasure in activities you once enjoyed?

☐ yes ☐ no

How long have you been feeling this way? Is this a recent occurrence or something you've been experiencing for a while?

☐ Recent ☐ For a while

Have you noticed changes in your sleep patterns? Are you having trouble falling asleep, staying asleep, or experiencing excessive sleepiness?

☐ yes ☐ no

Have there been changes in your appetite or weight? Are you eating more or less than usual?

☐ yes ☐ no

Do you often feel fatigued or lacking in energy, even after rest?

☐ yes ☐ no

Have you had difficulties concentrating, making decisions, or remembering things?

Do you often feel fatigued or lacking in energy, even after rest?

☐ yes ☐ no

Have you had difficulties concentrating, making decisions, or remembering things?

☐ yes ☐ no

Do you have negative thoughts about yourself or feelings of worthlessness or excessive guilt?

☐ yes ☐ no

Have you experienced any physical symptoms like headaches, digestive issues, or unexplained pain?

☐ yes ☐ no

Have you been avoiding social interactions or isolating yourself from friends and family?

☐ yes ☐ no

Have you had thoughts of death or suicide? Do you have a plan or intent to harm yourself?

☐ yes ☐ no

Have you experienced depression or other mental health issues in the past? Have you sought treatment before?

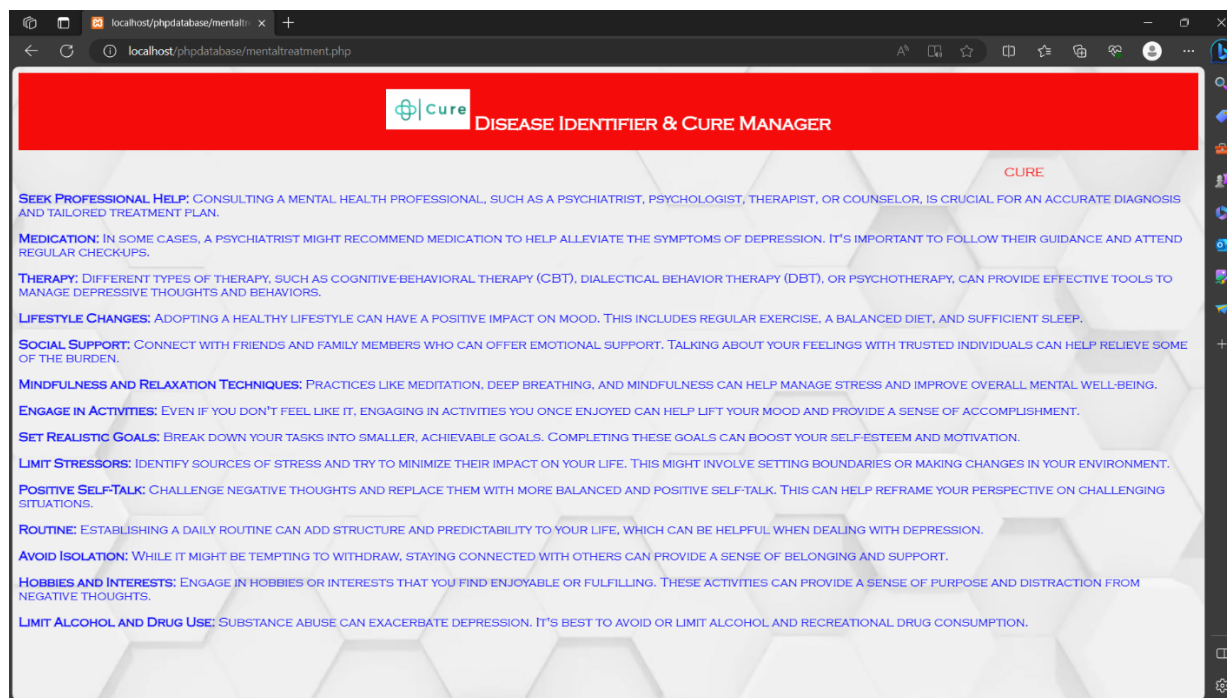
☐ yes ☐ no

Have there been any significant life changes, losses, or stressors that might be contributing to your current feelings?

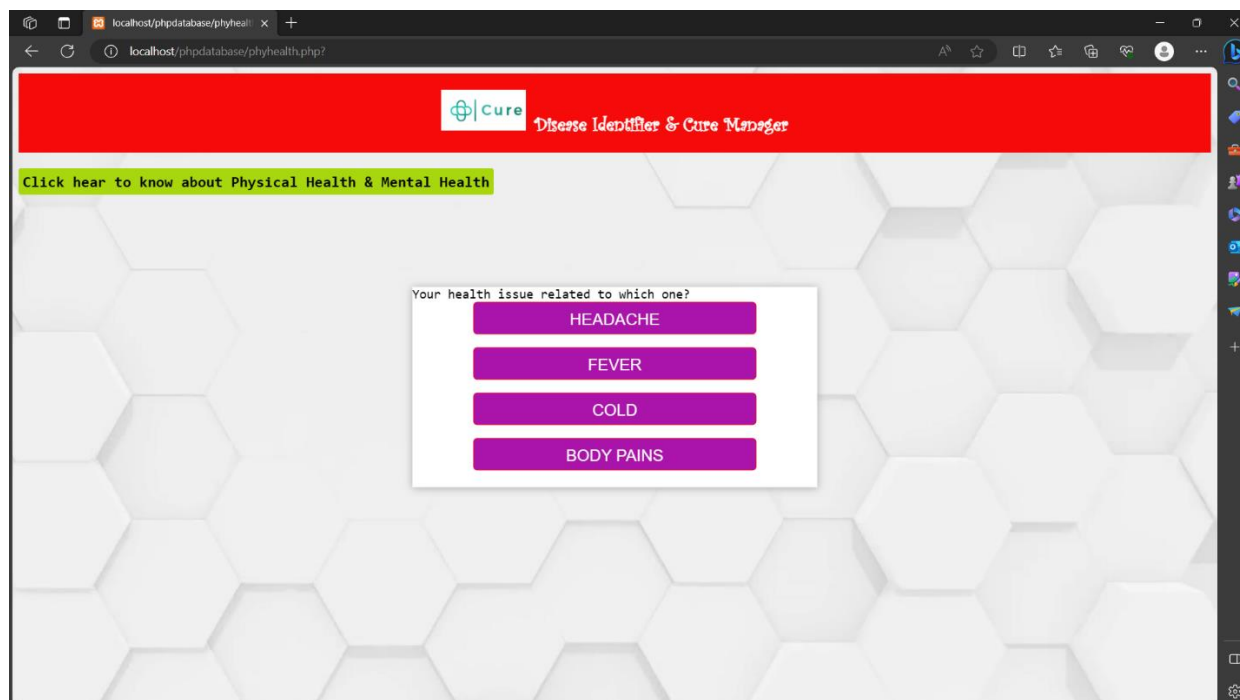
☐ yes ☐ no

It's important to remember that depression is a complex condition, and a proper diagnosis and treatment plan should be developed by a qualified mental health professional. If you or someone you know is struggling with depression, please seek help from a doctor, therapist, or counselor.

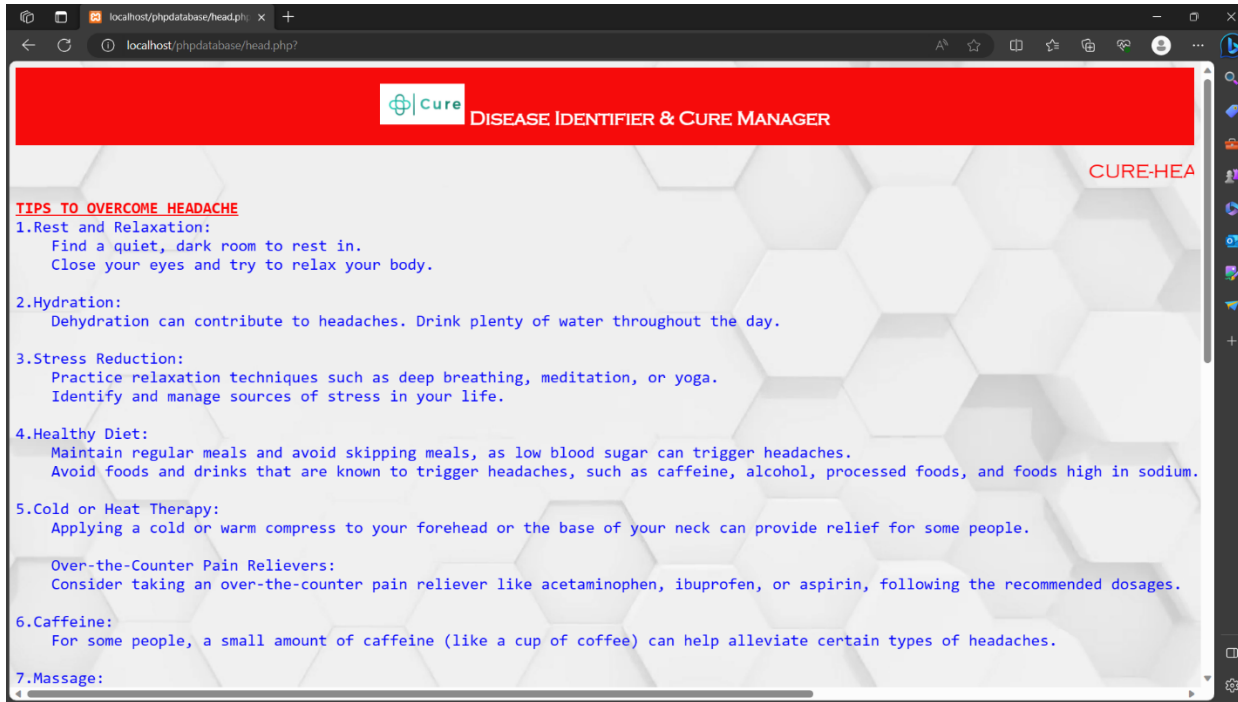
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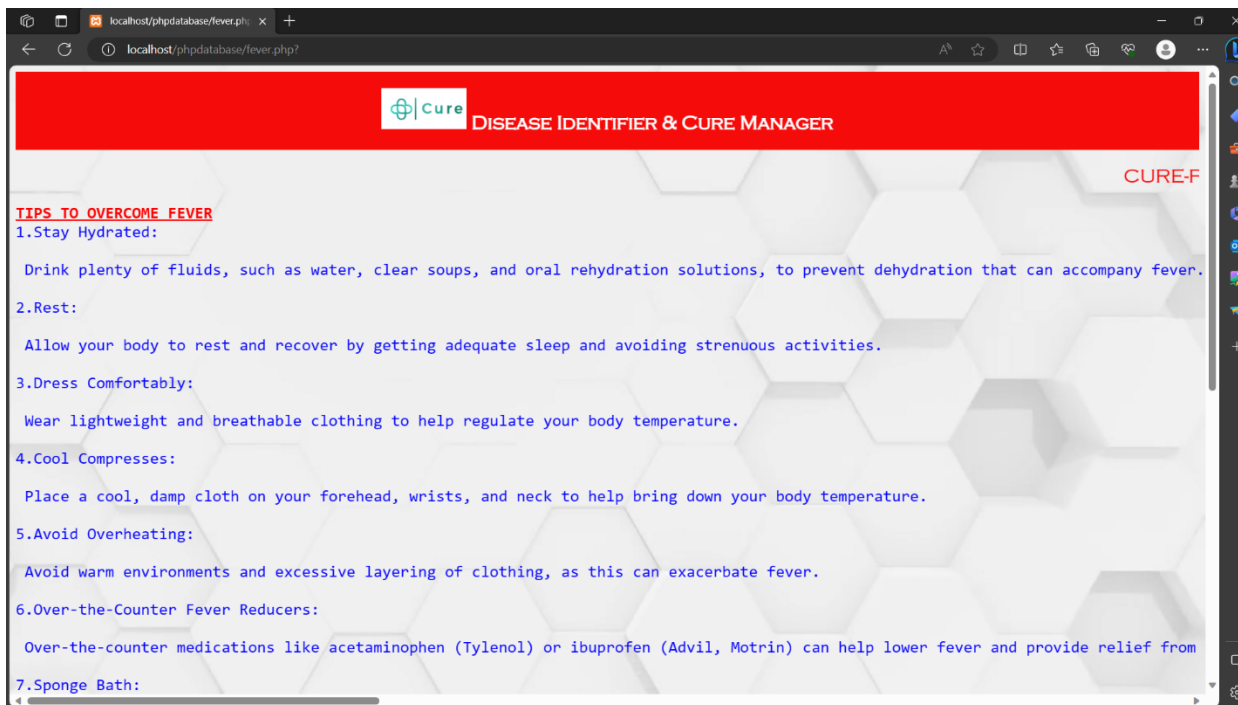
Physical health checkup page:



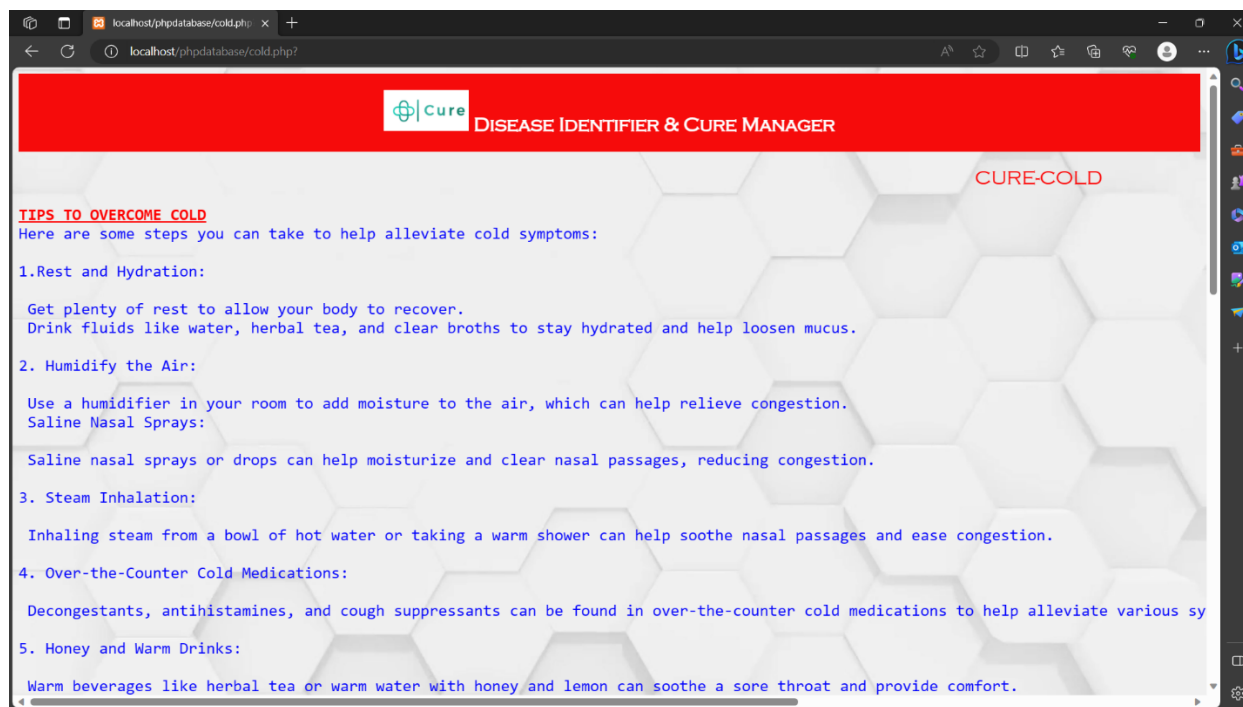
Headache Cure Page:



Fever Cure Page:



Cold Cure Page:



Body Pains Cure Page:



Messge Received by Doctor:

The screenshot shows a Gmail inbox on a desktop browser. The browser's address bar displays the URL: `mail.google.com/mail/u/0/#sent/FMfcgzGtwzqWpSZjplbvHNNfHXkPtn`. The Gmail interface includes a left sidebar with navigation options: Compose, Inbox (4), Starred, Snoozed, Sent (selected), Drafts, and More. Below these are labels. The main content area shows three emails from 'Cure' (ejumallas@gmail.com) with the subject 'Disease Identifier & Cure Manager'. The first email, received at 5:04 PM (40 minutes ago), says: 'Hi Mr/Ms/Mrs 22r15a0514@gcet.edu.in thankyou for registering in DI&CM. We try our best to check Your Health condition and Give You Proper Medication !!!!'. The second email, received at 5:06 PM (38 minutes ago), says: 'Hello Doctor your patient named Ejumalla Saikiran ,age: 18 and gender Male is filled the form he got counts :12: out of 11 plz take care of the student. Suicide'. The third email, received at 5:41 PM (3 minutes ago), says: 'Hello Doctor your patient named Ejumalla Saikiran ,age: 18 and gender Male is filled the form he got counts :12: out of 11 plz take care of the student. Suicide status YES [PH NO.09346461859](#)'. At the bottom of the email list, there are buttons for 'Reply' and 'Forward'.

CHAPTER-5

CONCLUSION AND FUTURE SCOPE

The proposed DICM [DISEASE IDENTIFIER & CURE MANAGER] this website addresses crucial need in modern healthcare by catering to the people , who may shy away from seeking medical attention for their health concerns. By providing an intuitive platform to identify diseases, explore treatment options, and access valuable healthcare information and medicines, we aim to empower individuals to make informed decisions about their health. This initiative leverages technology to bridge the gap between people and the medical world, promoting a healthier and more informed society overall.

CHAPTER-6

BIBLIOGRAPHY

- 1 .<https://www.w3schools.com/>