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B.V.V.S. POLYTECHNIC (AUTONOMOUS), BAGALKOT

2022-2023

DEPARTMENT OF COMPUTER SCIENCE AND ENGG

PROJECT TOPIC
INFOPEDIA

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INFOPEDIA

A PROJECT REPORT

Submitted by

Batch-1

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in partial fulfilment for the award of the diploma

of

DIPLOMA IN COMPUTER SCIENCE PROGRAMME

IN

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

B.V.V.S POLYTECHNIC(AUTONOMOUS),BAGALKOT

DEPARTMENT OF TECHNICAL EDUCTION

BENGALURU-560001

Year of submission:2022-2023

CANDIDATE'S DECLARATION

I _____the student of Diploma in Computer Science and Engineering Department bearing Register Number_____of B.V.V.S Polytechnic, hereby declare that, I owe full responsibility for the information, results and conclusions provided in this project work titled **"INFOPEDIA"** submitted to **Board of Technical Examinations, Government of Karnataka** for the award of *Diploma in Computer Science and Engineering*.

To the best of my knowledge, this project work has not been submitted in part or full elsewhere in any other institution/organization for the award of any certificate/diploma/degree. I have completely taken care in acknowledging the contribution of others in this academic work. I further declare that in case of any violation of intellectual property rights and particulars declared, found at any stage, I, as the candidate will be solely responsible for the same.

Date:

Place: **Signature of candidate**

Name: _____
Reg No: _____

B.V.V.S POLYTECHNIC(AUTONOMOUS),BAGALKOT

DEPARTMENT OF COMPUTER SCIENCE & ENGG

BONAFIDE CERTIFICATE

Certified that this project report **"INFOPEDIA"** is the bonafide work of "**Shri.Veeresh.Amaragatti,Shri.Akash.Mole,Shri.Chandrashekhar.Konnur, Shri.Gajanand.Immannavar"**of this institution who carried out the project work under my supervision.

SIGNATURE   SIGNATURE

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B.V.V.S. POLYTECHNIC(AUTONOMOUS), BAGALKOT-587101

Certificate

DEPARTMENT OF COMPUTER SCIENCE AND ENGG
2022-2023

DATE:_____

This is to certify that project on 'INFOPEDIA' carried by Shri.Veeresh.Amaragatti, Shri.Akash.Mole, Shri.Chandrashekhar.Konnur and Shri.Gajanand.Immannavar has satisfactorily completed the Main project as prescribed by the Department of Computer Science and Engineering B.V.V.S Polytechnic (Autonomous),Bagalkot under the Board Of Technical Education, Bangalore.

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1._____

2._____

PROJECT TITLE

INFOPEDIA

INDEX

ACKNOWLEDGEMENT

INTRODUCTION

Welcome to Infopedia, the innovative content sharing website that focuses on agriculture, technology, and healthcare. Our platform is designed to provide you with comprehensive and up-to-date information in these essential fields. Whether you're a farmer, a tech enthusiast, or someone interested in healthcare, Infopedia is your go-to resource for knowledge and insights. Join us on this journey of discovery and empowerment as we explore the latest advancements and best practices in agriculture, technology, and healthcare. Together, let's unlock the potential of these sectors and make a positive impact in our world.

Whether you are a farmer seeking sustainable farming practices, a technology enthusiast exploring the latest advancements, or a healthcare professional staying updated on best practices, Infopedia is designed to meet your informational needs. Join our community and unlock a world of valuable knowledge and opportunities for growth. Infopedia is an innovational content sharing website that has revolutionized the way we access and exchange information in the fields of agriculture, technology, and healthcare.

OBJECTIVES

- To provide a centralized platform for individuals and communities to access reliable and up-to-date information in the fields of agriculture, technology, and healthcare.

- To promote knowledge sharing and awareness in these sectors, enabling users to make informed decisions and implement best practices.

- To bridge the gap between experts, professionals, and enthusiasts, fostering a collaborative environment for discussions, networking, and sharing of experiences.

- To highlight the latest advancements and breakthroughs in agriculture, technology, and healthcare, keeping users informed about emerging trends and innovations.

- To promote sustainable and responsible practices in agriculture, emphasizing environmentally friendly farming techniques and promoting food security.

- To empower individuals with knowledge about cutting-edge technologies, enabling them to harness the potential of technology in their personal and professional lives.

- To promote health awareness and educate users about preventive measures, disease management, and the importance of mental well-being.

- To showcase success stories and case studies from the fields of agriculture, technology, and healthcare, inspiring and motivating individuals to pursue innovation and positive change.

- To encourage research and development in these sectors by providing a platform for experts and researchers to share their findings and collaborate with peers.

- To contribute to the overall betterment of society by disseminating knowledge, fostering innovation, and driving positive change in agriculture, technology, and healthcare.

- In the development of Infopedia, we utilize a range of tools and environments to ensure a seamless user experience.

TOOLS AND ENVIRONMENT USED

1. **HTML:** HTML (Hypertext Markup Language) is the standard markup language used for creating the structure and content of web pages. It enables us to define the elements and layout of Infopedia's web pages.

2. **CSS: CSS** (Cascading Style Sheets) is a style sheet language that allows us to customize the appearance and layout of the web pages. With CSS, we can control the colors, fonts, spacing, and other visual aspects of Infopedia's design.

3. **JavaScript**: JavaScript is a widely used scripting language that adds interactivity and dynamic functionality to web pages. We leverage JavaScript to implement interactive features, perform client-side validations, and enhance user experience on Infopedia.

4. **PHP**: PHP (Hypertext Preprocessor) is a server-side scripting language used for developing dynamic web applications. It enables us to handle server-side processes, interact with databases, and manage user sessions on Infopedia.

5. **MySQL**: MySQL is a popular open-source relational database management system (RDBMS). We use MySQL to store and manage Infopedia's data, including user information, articles, discussions, and other relevant content.

6**. Software IDEs**: We utilize integrated development environments (IDEs) like Visual Studio Code, Sublime Text, or Atom to write, edit, and organize our code efficiently. These IDEs provide a range of features such as syntax highlighting, code completion, and debugging tools, which streamline the development process.

7. **WAMP Server**: WAMP (Windows, Apache, MySQL, PHP) is a software stack that provides a local development environment for creating web applications on Windows operating systems. It includes Apache (a web server), MySQL (a database server), and PHP (a server-side scripting language). We utilize WAMP server to develop and test Infopedia's functionalities locally before deployment.

SOFTWARE AND HARDWARE REQUIREMENT

Technologies
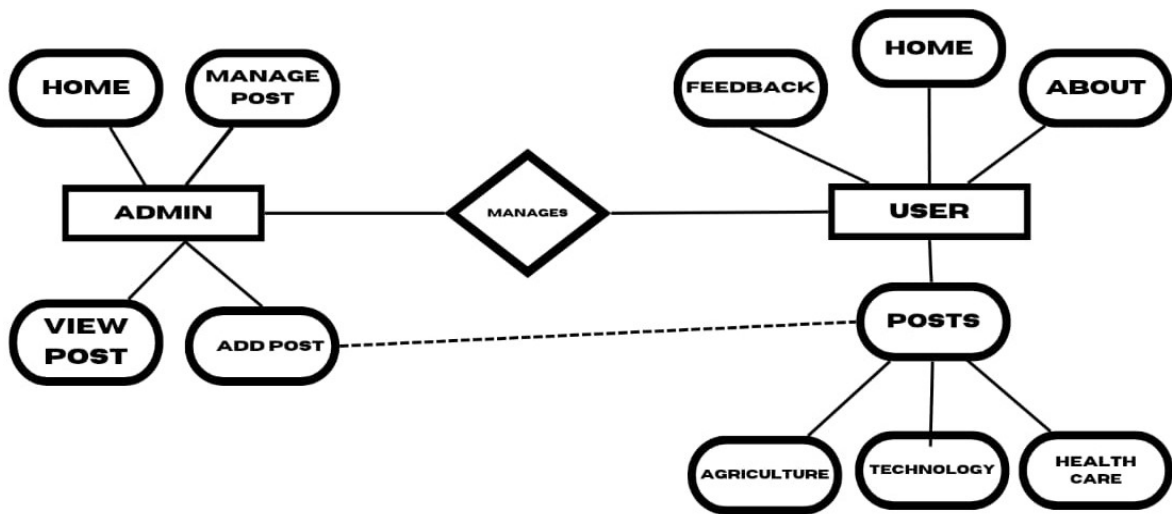
Front End: Html, CSS, JavaScript.
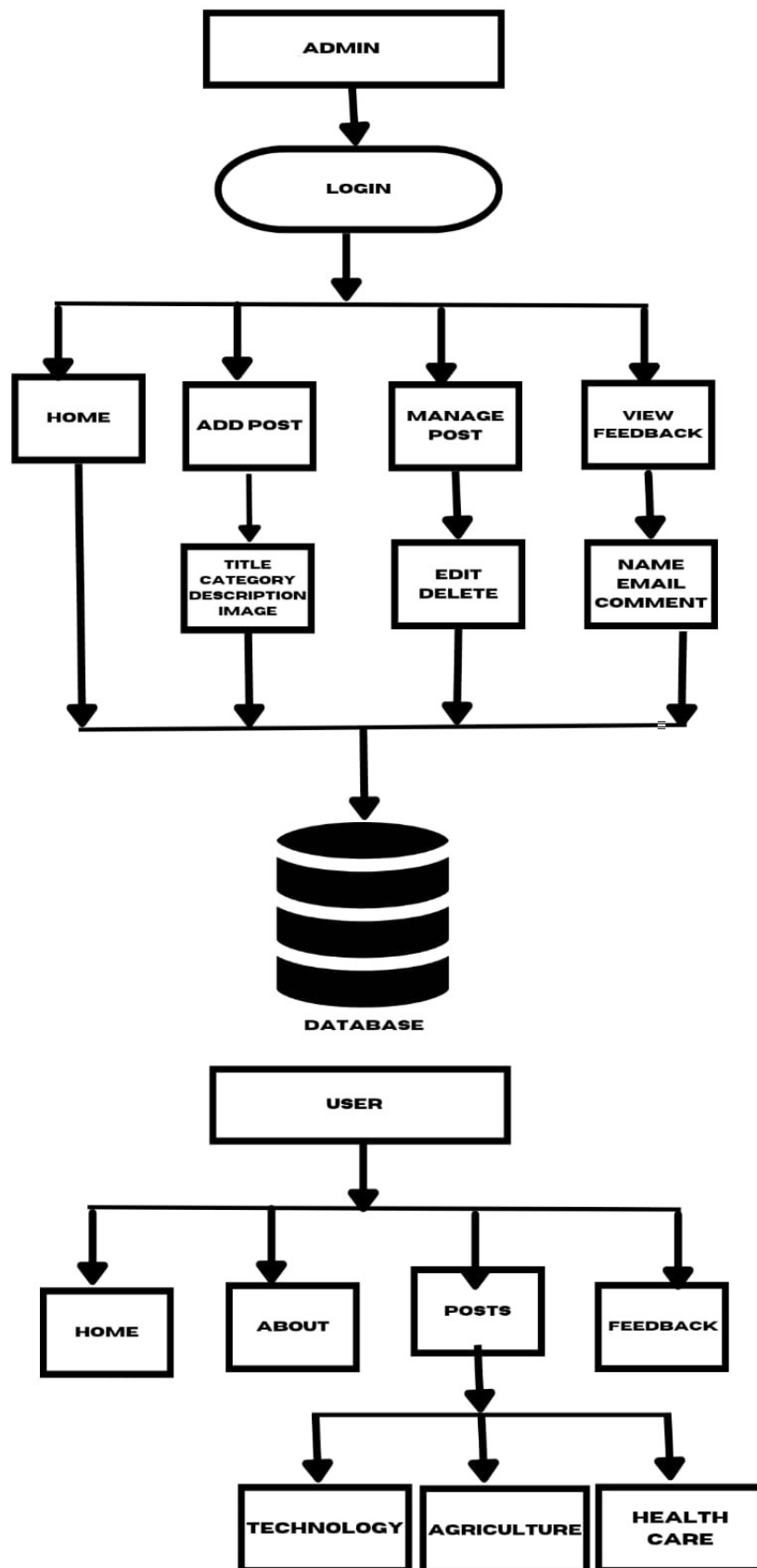
Back End: PHP, MYSQL

Software Requirements

Operating system: Windows 7 or above.

Reporting tool: Microsoft Office Word 2007

E-R DIAGRAM

DFD (DATA FLOW DIAGRAM)

```
                    ┌──────────────┐
                    │    ADMIN     │
                    └──────┬───────┘
                           │
                           ▼
                     ╭───────────╮
                     │   LOGIN   │
                     ╰─────┬─────╯
                           │
        ┌──────────┬───────┴───────┬──────────┐
        ▼          ▼               ▼          ▼
   ┌────────┐ ┌─────────┐   ┌─────────┐ ┌──────────┐
   │  HOME  │ │ ADD POST│   │ MANAGE  │ │   VIEW   │
   └───┬────┘ └────┬────┘   │  POST   │ │ FEEDBACK │
       │           │        └────┬────┘ └────┬─────┘
       │           ▼             ▼           ▼
       │      ┌─────────┐   ┌─────────┐ ┌──────────┐
       │      │  TITLE  │   │  EDIT   │ │   NAME   │
       │      │ CATEGORY│   │ DELETE  │ │  EMAIL   │
       │      │DESCRIPTION│ └────┬────┘ │ COMMENT  │
       │      │  IMAGE  │        │      └────┬─────┘
       │      └────┬────┘        │           │
       ▼           ▼             ▼           ▼
```

DATABASE

```
                    ┌──────────────┐
                    │     USER     │
                    └──────┬───────┘
                           │
        ┌──────────┬───────┴───────┬──────────┐
        ▼          ▼               ▼          ▼
   ┌────────┐ ┌─────────┐   ┌─────────┐ ┌──────────┐
   │  HOME  │ │  ABOUT  │   │  POSTS  │ │ FEEDBACK │
   └────────┘ └─────────┘   └────┬────┘ └──────────┘
                                 │
               ┌─────────────────┼─────────────────┐
               ▼                 ▼                 ▼
        ┌────────────┐   ┌────────────┐   ┌──────────┐
        │ TECHNOLOGY │   │ AGRICULTURE│   │  HEALTH  │
        │            │   │            │   │   CARE   │
        └────────────┘   └────────────┘   └──────────┘
```

DESIGN DOCUMENT

1. **Modularization Details**: The design document outlines the modular structure of Infopedia, dividing the system into distinct and manageable components. This ensures that different functionalities are organized and can be developed, tested, and maintained independently.

2. **Data Integrity & Constraints**: The design document includes details on ensuring data integrity within Infopedia's database. This involves defining constraints, such as unique identifiers, primary and foreign key relationships, and data validation rules, to maintain the accuracy and consistency of stored information.

3. **Database Design**: The design document specifies the structure and organization of the database used by Infopedia. It includes the tables, fields, and relationships required to store and retrieve data efficiently. The design ensures optimal performance, scalability, and data management.

4. **Procedural Design**: The design document describes the procedures and algorithms that govern the functionality of Infopedia. It outlines the logical flow of operations, control structures, and business rules that dictate how different components of the system interact and execute tasks.

5. **User Interface Design**: The design document includes details on the user interface (UI) design of Infopedia. It covers aspects such as layout, navigation, input forms, buttons, menus, and visual elements. The UI design aims to provide an intuitive and user-friendly experience, ensuring ease of use and efficient interaction with the system.

CODE

Admin side

Adding post:

```php
<?php
$cn=mysqli_connect("localhost","root","");
mysqli_select_db($cn,"test_db");
include 'functions.php';
if(isset($_POST['submit']))
{
$target_path = "product/";
$target_filepath = $target_path . basename($_FILES["t7"]["name"]);
$imageFileType = strtolower(pathinfo($target_filepath,PATHINFO_EXTENSION));
$a = protect($cn,$_POST["t1"]);
$b = protect($cn,$_POST["t2"]);
$c = protect($cn,$_POST["t3"]);
$allowedTypes = array("jpg","png","jpeg");
$filesize=$_FILES["t7"]["size"];
$maxsize = 3 * 1024 * 1024;
if ($filesize>$maxsize)
{
echo '<script type="text/javascript">';
echo 'alert("product has been successfully insereted");';
echo 'window.location.href = "addpost.php";';
echo '</script>';
}else{
move_uploaded_file($_FILES["t7"]["tmp_name"],$target_filepath);
$x=mysqli_query($cn,"insert into
posts(title,category,description,image)values('$a','$b','$c','$target_filepath')");
/*$id=mysqli_insert_id($cn);
$x1=mysqli_query($cn,"insert into news1(info1,infoid)values('$b','$id')");*/
if($x==1){
echo '<script type="text/javascript">';
echo 'alert("product has been successfully insereted");';
echo 'window.location.href = "addpost.php";';
echo '</script>';
}
}
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
<title>Add Post</title>
<style>
.content {
width: 580px;
height: 600px;
```

```css
background: #fff;
text-align: center;
border: solid 1px black;
margin-left: 35%;
margin-top: 3%;
margin-bottom: 4%;
font-size: 20px;
}
.content form {
padding: 30px 20px 25px 20px;
}
.content form .row {
height: 45px;
background-color: #ffffff;
margin-bottom: 15px;
position: relative;
}
.content form .row input {
height: 100%;
width: 80%;
padding-left: 50px;
border-radius: 5px;
border: 1px solid lightgray;
font-size: 16px;
}
.content form .row textarea {
height: 447%;
width: 80%;
padding-left: 50px;
border-radius: 5px;
border: 1px solid lightgray;
font-size: 16px;
}
.content form .row i {
position: absolute;
width: 47px;
height: 100%;
color: #fff;
font-size: 18px;
background:  #525987;
border: 1px solid #000000;
display: flex;
align-items: center;
justify-content: center;
}
.content form .button input {
color: #fff;
font-size: 18px;
font-weight: 500;
padding-left: 0px;
```

```css
background:  #525987;
border: 1px solid #000000;
}
.content form .row select {
height: 100%;
width: 80%;
padding-left: 50px;
border-radius: 5px;
border: 1px solid lightgray;
font-size: 16px;
}
#upload {
color: #fff;
font-size: 18px;
font-weight: 500;
padding-left: 0px;
}
.title {
line-height: 80px;
background-color:  #525987;
color: #fff;
font-size: 40px;
font-weight: bold;
}
</style>
<link rel="stylesheet" href="styles.css">
<script src="https://kit.fontawesome.com/b99e675b6e.js"></script>
<style>
@import
url('https://fonts.googleapis.com/css2?family=Roboto+Slab:wght@500&display=swap');
* {
font-family: 'Roboto Slab', serif;
font-size: 19px;
}
.wrapper .sidebar ul li.active {
background: #72716e;
}
.wrapper .sidebar ul li.active a {
color: #fff;
}
</style>
```

posts
```html
</head>
<body>
<div class="wrapper">
<div class="sidebar">
<h2>Infopedia</h2>
<ul>
<li><a href="home.php"><i class="fas fa-house-user"></i>Home</a></li>
```

```html
<li class="active">
a href="addpost.php"><i class="fas fa-portrait"></i>Add Post</a></li>
<li>
<a href="posts.php"><i class="fas fa-images"></i>Posts</a></li>
<li>
<a href="view_feedback.php"><i class="far fa-comment-alt"></i> View_Feedback</a>
</ul>
<div class="social_media">
<a href=""><i class="fab fa-facebook"></i></a>
<a href=""><i class="fab fa-twitter"></i></a>
<a href=""><i class="fab fa-instagram"></i></a>
</div>
</div>
<div class="content">
<div class="title"><span>Add Post</span></div>
<form action="adding_post.php" method="post"  enctype="multipart/form-data">
<div class="row">
<i class="fas fa-user-edit"></i>
<input type="text" name="t1" placeholder="enter the title" required> <br> <br>
</div>
<div class="row">
<label for="category">Select the category</label>
<i class="fas fa-list"></i>
<select name="t2" id="category">
<option value="Agriculture">Agriculture</option>
<option value="Technology">Technology</option>
<option value="Health Care">Health Care</option>3
</select> <br> <br>
</div> <br>
<div class="row">
<i class="far fa-newspaper"></i>
<textarea name="t3" placeholder="enter the description" required rows="20"></textarea>
<br> <br>
</div> <br> <br> <br> <br> <br> <br>
<div class="row">
<i class="fas fa-paperclip"></i>
<input type="file" name="t7" id="upload" placeholder="upload the image" required> <br>
<br>
</div>
<div class="row button">
<input type="submit" name="submit" value="Post">
</div>
</form>
</div>
</div>
</body>
</html>
```

Functions

```php
<?php
include 'functions.php';
$cn=mysqli_connect("localhost","root","");
$d=protect($cn,$_GET['id']);
mysqli_select_db($cn,"test_db");
$res=mysqli_query($cn,"delete from posts where id=$d");

echo '<script type="text/javascript">';
echo 'alert("Deleted successfully");';
echo 'window.location.href = "posts.php";';
echo '</script>';
?>
<?php
$cn=mysqli_connect("localhost","root","");
mysqli_select_db($cn,"test_db");
include 'functions.php';
if(isset($_POST['update']))
{
$target_path = "product/";
$target_filepath = $target_path . basename($_FILES["image"]["name"]);
$imageFileType = strtolower(pathinfo($target_filepath,PATHINFO_EXTENSION));
$a = protect($cn,$_POST["id"]);
$b = protect($cn,$_POST["title"]);
$c = protect($cn,$_POST["category"]);
$d = protect($cn,$_POST["description"]);
$allowedTypes = array("jpg","png","jpeg");
$filesize=$_FILES["image"]["size"];
$maxsize = 3 * 1024 * 1024;
if ($filesize>$maxsize)
{
echo '<script type="text/javascript">';
echo 'alert("product has been successfully insereted");';
echo 'window.location.href = "posts.php";';
echo '</script>';
}else{
move_uploaded_file($_FILES["image"]["tmp_name"],$target_filepath);
$x=mysqli_query($cn,"update posts set
title='$b',category='$c',description='$d',image='$target_filepath' where id='$a'");
if($x==1){
echo '<script type="text/javascript">';
echo 'alert("product has been updated successfully insereted");';
echo 'window.location.href = "posts.php";';
echo '</script>';
}
}
}
?>
```

Edit post

```php
<?php
$cn=mysqli_connect("localhost","root","");
mysqli_select_db($cn,"test_db");
include 'functions.php';
if(isset($_POST['update']))
{
$target_path = "product/";
$target_filepath = $target_path . basename($_FILES["image"]["name"]);
$imageFileType = strtolower(pathinfo($target_filepath,PATHINFO_EXTENSION));
$a = protect($cn,$_POST["id"]);
$b = protect($cn,$_POST["title"]);
$c = protect($cn,$_POST["category"]);
$d = protect($cn,$_POST["description"]);
$allowedTypes = array("jpg","png","jpeg");
$filesize=$_FILES["image"]["size"];
$maxsize = 3 * 1024 * 1024;
if ($filesize>$maxsize)
{
echo '<script type="text/javascript">';
echo 'alert("product has been successfully insereted");';
echo 'window.location.href = "posts.php";';
echo '</script>';
}else{
move_uploaded_file($_FILES["image"]["tmp_name"],$target_filepath);
$x=mysqli_query($cn,"update posts set
title='$b',category='$c',description='$d',image='$target_filepath' where id='$a'");
if($x==1){
echo '<script type="text/javascript">';
echo 'alert("product has been updated successfully insereted");';
echo 'window.location.href = "posts.php";';
echo '</script>';
}
}
}
?>
```

View_Feedback

```php
<?php
session_start();
include "include/db_conn.php";
if (isset($_POST['uname']) && isset($_POST['password'])
&& isset($_POST['name'])) {
function validate($data){
$data = trim($data);
$data = stripslashes($data);
$data = htmlspecialchars($data);
return $data;
}
$uname = validate($_POST['uname']);
```

```php
$pass = validate($_POST['password']);
$re_pass = validate($_POST['re_password']);
$name = validate($_POST['name']);
$user_data = 'uname='. $uname. '&name='. $name;
if (empty($uname)) {
header("Location: registeradmin.php?error=User Name is required&$user_data");
exit();
}else if(empty($pass)){
header("Location: registeradmin.php?error=Password is required&$user_data");
exit();
}
else if(empty($re_pass)){
header("Location: registeradmin.php?error=Re Password is required&$user_data");
exit();
}
else if(empty($name)){
header("Location: registeradmin.php?error=Name is required&$user_data");
exit();
}
else if($pass !== $re_pass){
header("Location: registeradmin.php?error=The confirmation password  does not
match&$user_data");
exit();
}
else{
$pass = md5($pass);
$sql = "SELECT * FROM users WHERE user_name='$uname' ";
$result = mysqli_query($conn, $sql);
if (mysqli_num_rows($result) > 0) {
header("Location: registeradmin.php?error=The username is taken try another&$user_data");
exit();
}else {
$sql2 = "INSERT INTO users(user_name, password, name) VALUES('$uname', '$pass',
'$name')";
$result2 = mysqli_query($conn, $sql2);
if ($result2) {
header("Location: registeradmin.php?success=Your account has been created successfully");
exit();
}else {
header("Location: registeradmin.php?error=unknown error occurred&$user_data");
exit();
}
}
}
}else{
header("Location: registeradmin.php");
exit();
}
?>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
<title>Document</title>
<link rel="stylesheet" href="styles.css">
<script src="https://kit.fontawesome.com/b99e675b6e.js"></script>
<style>
@import
url('https://fonts.googleapis.com/css2?family=Roboto+Slab:wght@500&display=swap');
* {
font-family: 'Roboto Slab', serif;
font-size: 20px;
}
.picture {
max-width: 100%;
width: 100%;
height: 575px;
}
.titles {
font-family: 'Times New Roman', Times, serif;
font-weight: bolder;
margin-left: 2%;
}
.description {
width: 93%;
padding: 2%;
}

.posts {
width: 70%;
margin-top: 3%;
margin-left: 22%;
border: solid 1px #818181;
}
.details {
margin-left: 2%;
}
.wrapper .sidebar ul li.active {
background: #72716e;
}
.wrapper .sidebar ul li.active a {
color: #fff;
}
/* image url */
.container {
display: flex;
justify-content: space-between;
margin-top: 10%;
margin-left:30%;
}
```

```
.image {
display: flex;
flex-direction: column;
align-items: center;
margin-right: 60px; /* Adjust the value to set the desired spacing */
}
.image:last-child {
margin-right: 0; /* Remove the right margin for the last image in each row */
}
.image img {
width: 190px;
height: 180px;
border-radius: 50%;
object-fit: cover;
}
.image p {
margin-top: 10px;
font-weight: bold;
text-align: center;
}

</style>
</head>
<body>
<div class="wrapper">
<div class="sidebar">
<h2>Infopedia</h2>
<ul>
<li><a href="../home.php"><i class="fas fa-house-user"></i>Home</a></li>
<li>
<a href="../about.php"><i class="fas fa-user-friends"></i>About</a></li>
<li class="active">
<a href="user_view_posts.php"><i class="fas fa-portrait"></i>Posts</a>
</li>
<!-- <li>
<a href="../contactus.php"><i class="fas fa-images"></i>Contuct Us</a></li> -->
<li>
<a href="../feedback.php"><i class="far fa-comment-alt"></i> Feedback</a>
<li>
<a href="../adminlogin.php"><i class="far fa-comment-alt"></i> Admin</a></li>
</ul>
<div class="social_media">
<a href=""><i class="fab fa-facebook"></i></a>
<a href=""><i class="fab fa-twitter"></i></a>
<a href=""><i class="fab fa-instagram"></i></a>
</div>
</div>
<div class="container">
<div class="image">
```

```
<img src="images/logo/HD-wallpaper-farming-agriculture-field-farm-farmer-indian.jpg"
alt="Image 1">
0<a href="agriculture.php">Agriculture</a>
</div>
<div class="image">
<img src="images/logo/HD-wallpaper-technology-brain-binary-black-blue.jpg" alt="Image
2">
<a href="technology.php">Technology</a>
</div>
<div class="image">
<img src="images/logo/s1.jpg" alt="Image 3">
<a href="healthcare.php">Health Care</a>
</div>
</body>
</html>
```

User side
Posts
```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Document</title>
<link rel="stylesheet" href="styles.css">
<script src="https://kit.fontawesome.com/b99e675b6e.js"></script>
<style>
@import
url('https://fonts.googleapis.com/css2?family=Roboto+Slab:wght@500&display=swap');
* {
font-family: 'Roboto Slab', serif;
font-size: 19px;
}
.horizontalbar {
margin-left: 10%;
background:  #525987;
color: white;
font-weight: bold;
width: 100%;
height: auto;
}
.horizontalbar .title {
text-align: center;
padding-top: 2%;
}
.logo {
margin-left: 200px;
}
.logo .image {
height: 90%;
width: 90%;
position: fixed;
```

```css
}
.logout{
text-align:right;
text-decoration: none;
color:white;
margin-left: 90%;
}
.wrapper .sidebar ul li.active {
background: #72716e;
}
.wrapper .sidebar ul li.active a {
color: #fff;
}
</style>
</head>
```

Home
```html
<html lang="en">
<head>
<title>Document</title>
<link rel="stylesheet" href="styles.css">
<script src="https://kit.fontawesome.com/b99e675b6e.js"></script>
<body>
<div class="wrapper">
<div class="sidebar">
<h2>Infopedia</h2>p
<ul>
<li class="active"><a href="home.php"><i class="fas fa-house-user"></i>Home</a></li>
<li>
<!-- <a href="registeradmin.php"><i class="fas fa-user-friends"></i>Add Admin</a></li>
<li> -->
<a href="addpost.php"><i class="fas fa-portrait"></i>Add Post</a></li>
<li>
<a href="posts.php"><i class="fas fa-images"></i>Posts</a></li>
<li>
<a href="view_feedback.php"><i class="far fa-comment-alt"></i> View_Feedback</a>
</ul>
<div class="social_media">
<a href=""><i class="fab fa-facebook"></i></a>
<a href=""><i class="fab fa-twitter"></i></a>
<a href=""><i class="fab fa-instagram"></i></a>
</div>
</div>
<div class="horizontalbar">
<div class="title">
<h1>Infopedia</h1>-Innovational Content Sharing Website
</div>
<a href="logout.php" class="logout"><i class="fas fa-sign-out-alt"></i>logout</a>
</div>
</div>
```

```html
<div class="logo">
<img src="images/infopedia logo.jpg" class="image" alt="infopedia">
</div>
</body>
</html>



<!DOCTYPE html>
<html lang="en">
<head>
<title>Health Care</title>
<link rel="stylesheet" type="text/css" href="style.css">
<link rel="stylesheet" type="text/css" href="../style1.css">
<script src="https://kit.fontawesome.com/b99e675b6e.js"></script>
<style>
@import
url('https://fonts.googleapis.com/css2?family=Roboto+Slab:wght@500&display=swap');
* {
font-family: 'Roboto Slab', serif;
font-size: 20px;
}
.box {
width: calc(50% - 2px);
margin-bottom: 20px;
box-sizing: border-box;
border: 1px solid black;
padding: 10px;
display: flex;
flex-direction: column;
justify-content: space-between;
}
.box img {
width: 100%;
height: auto;
object-fit: cover;
border-bottom: 1px solid black;
padding-bottom: 10px;
}
.box h3 {
margin: 0;
padding: 10px 0;
}
.box p {
margin: 0;
padding: 10px 0;
}
.container {
display: flex;
flex-wrap: wrap;
```

```css
justify-content: space-between;
margin-left: 250px;
}
.wrapper .sidebar ul li.active {
background: #72716e;
}
.wrapper .sidebar ul li.active a {
color: #fff;
}
.blue-text {
background-color: #525987;
color: white;
padding: 10px;
font-weight: bold;
font-size: 20px;
text-align: center;
width:80%;
margin-left:20%;
}
.posts {
margin-top: 3%;
}
.page-container {
width: 100%;
margin: 0 auto;
padding: 0 20px;
}
</style>
</head>
```

Feedback
```html
<html lang="en">
<head>
<title>Document</title>
<link rel="stylesheet" href="styles.css">
<script src="https://kit.fontawesome.com/b99e675b6e.js"></script>
<body>
<div class="wrapper">
<div class="sidebar">
<h2>Infopedia</h2>
<ul>
<li><a href="../home.php"><i class="fas fa-house-user"></i>Home</a></li>
<li><a href="../about.php"><i class="fas fa-user-friends"></i>About</a></li>
<li><a href="user_view_posts.php"><i class="fas fa-portrait"></i>Posts</a></li>
<!-- <li><a href="../contactus.php"><i class="fas fa-images"></i>Contuct Us</a></li> -->
<li><a href="../feedback.php"><i class="far fa-comment-alt"></i> Feedback</a></li>
<li><a href="../adminlogin.php"><i class="far fa-comment-alt"></i> Admin</a></li>
</ul>
<div class="social_media">
<a href=""><i class="fab fa-facebook"></i></a>
```

```php
<a href=""><i class="fab fa-twitter"></i></a>
<a href=""><i class="fab fa-instagram"></i></a>
</div>
</div>
</div>
<div class="posts">
<div class="page-container">
<div class="blue-text">Health Care</div>
<div class="container">
<?php
include "include/db_conn.php";
$query = "SELECT * FROM `posts` WHERE category = 'Health Care' ORDER BY id
DESC";
$query_run = mysqli_query($conn, $query);
while ($data = mysqli_fetch_array($query_run)) {
?>
<div class="box">
<img src="<?php echo $data['image']; ?>" alt="">
<h3><?php echo $data["title"]; ?></h3>
<p><?php echo $data["description"]; ?></p>
</div>
<?php
}
?>
</div>
</div>
</div>
</body>

</html>
<?php
$cn=mysqli_connect("localhost","root","");
mysqli_select_db($cn,"test_db");
$query = "SELECT * FROM posts ORDER BY id DESC";
$res= mysqli_query ($cn, $query);
?>

<!DOCTYPE html>
<html lang="en">
<head>
<title>Document</title>
<link rel="stylesheet" href="styles.css">
<script src="https://kit.fontawesome.com/b99e675b6e.js"></script>
<style> @import
url('https://fonts.googleapis.com/css2?family=Roboto+Slab:wght@500&display=swap');
* {
font-family: 'Roboto Slab', serif;
font-size: 19px;
}
.tables {
```

```css
width: 25cm;
margin-left: 20%;
}
.tables .images {
width: 150px;
height: 100px;
}
table {
border-collapse: collapse;
width: 100%;
margin: 20px 0;
}
th,
td {
text-align: left;
padding: 8px;
}
th {
background-color: #525987;
color: white;
}
tr:nth-child(even) {
background-color: #f2f2f2;
}.wrapper .sidebar ul li.active {
background: #72716e;
}
.wrapper .sidebar ul li.active a {
color: #fff;
}
</style>
</head>
<body>
<div class="wrapper">
<div class="sidebar">
<h2>Infopedia</h2>
<ul>
<li><a href="home.php"><i class="fas fa-house-user"></i>Home</a></li>
<li>
<!-- <a href="registeradmin.php"><i class="fas fa-user-friends"></i>Add Admin</a></li>
<li> -->
<a href="addpost.php"><i class="fas fa-portrait"></i>Add Post</a></li>
<li class="active">
<a href="posts.php"><i class="fas fa-images"></i>Posts</a></li>
<li>
<a href="view_feedback.php"><i class="far fa-comment-alt"></i> View_Feedback</a>
</ul>
<div class="social_media">
<a href=""><i class="fab fa-facebook"></i></a>
<a href=""><i class="fab fa-twitter"></i></a>
<a href=""><i class="fab fa-instagram"></i></a>
```

```php
</div>
</div>
</div>
<table class="tables">
<thead>
<tr>
<th>id</th>
<th>title</th>
<th>category</th>
<th>description</th>
<th>image</th>
<th>edit</th>
<th>delete</th>
</tr>
</thead>
<tbody>


<?php
while($data=mysqli_fetch_array($res))
{
?>
<tr>
<td><?php echo $data["id"];?></td>
<td><?php echo $data["title"];?></td>
<td><?php echo $data["category"];?></td>
<td><?php echo $data["description"];?></td>
<td><img src="<?php echo $data["image"];?>"width="50" height="50"></td>
<td><a href="edit.php?id=<?php echo $data['id'];?>"><span
class='button'>Edit</span></a></td>
<td><?php echo"<a href='delete.php?id=". $data['id'] ."' onclick=' return
checkdelete()'><input type='submit' value='Delete' id='deletebtn'
class='button'></a>"?></td>

</tr>
<?php
}
?>

</tbody>
</table>
</body>
</html>
<!DOCTYPE html>
<html lang="en">
<head>
<title>Contact Us</title>
<script src="https://kit.fontawesome.com/b99e675b6e.js"></script>
<link rel="stylesheet" type="text/css" href="style1.css">
<style>
```

```
@import
url('https://fonts.googleapis.com/css2?family=Roboto+Slab:wght@500&display=swap');

* {
font-family: 'Roboto Slab', serif;
font-size: 20px;
}
.container {
font-size: xx-large;
margin-left: 20%;
margin-top: 3%;
font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode',
Geneva, Verdana, sans-serif;
}
.wrapper .sidebar ul li.active {
background: #72716e;
}
.wrapper .sidebar ul li.active a {
color: #fff;
}
</style>
</head>

<body>
<div class="wrapper">
<div class="sidebar">
<h2>Infopedia</h2>
<ul>
<li><a href="home.php"><i class="fas fa-house-user"></i>Home</a></li>
<li>
<a href="about.php"><i class="fas fa-user-friends"></i>About</a>
</li>
<li>
<a href="admin/user_view_posts.php"><i class="fas fa-portrait"></i>Posts</a>
</li>
<li class="active"><a href="contactus.php"><i class="fas fa-images"></i>Contuct
Us</a></li>
<li><a href="feedback.php"><i class="far fa-comment-alt"></i> Feedback</a></li>
<li><a href="adminlogin.php"><i class="far fa-comment-alt"></i> Admin</a></li>
</ul>
<div class="social_media">
<a href=""><i class="fab fa-facebook"></i></a>
<a href=""><i class="fab fa-twitter"></i></a>
<a href=""><i class="fab fa-instagram"></i></a>
</div>
</div>
</div>
<div class="container">
Contact Us <br>
```

```
<p>Address: Bvvs Polytechnic Bagalkot <br>Phone Number: 9876543210 <br>Email:
infopedia@gmail.com</p>
</div>
</body>

</html>
<?php
session_start();
include "admin/include/db_conn.php";
if (isset($_POST['uname']) && isset($_POST['password'])) {
function validate($data){
$data = trim($data);
$data = stripslashes($data);
$data = htmlspecialchars($data);
return $data;
}
$uname = validate($_POST['uname']);
$pass = validate($_POST['password']);
if (empty($uname)) {
header("Location: adminlogin.php?error=User Name is required");
exit();
}else if(empty($pass)){
header("Location: adminlogin.php?error=Password is required");
exit();
}else{
$pass = md5($pass);
$sql = "SELECT * FROM users WHERE user_name='$uname' AND password='$pass'";
$result = mysqli_query($conn, $sql);
if (mysqli_num_rows($result) === 1) {
$row = mysqli_fetch_assoc($result);
if ($row['user_name'] === $uname && $row['password'] === $pass) {
$_SESSION['user_name'] = $row['user_name'];
$_SESSION['name'] = $row['name'];
$_SESSION['id'] = $row['id'];
header("Location: admin/home.php");
exit();
}else{
header("Location: adminlogin.php?error=Incorect User name or password");
exit();
}
}else{
header("Location: adminlogin.php?error=Incorect User name or password");
exit();
}
}
}else{
header("Location: adminlogin.php");
exit();
}
?>
```

CSS code

```css
@import
url('https://fonts.googleapis.com/css2?family=Roboto+Slab:wght@500&display=swap');
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    list-style: none;
    text-decoration: none;
    font-family: 'Roboto Slab', serif;
    font-size: 20px;
}

body {
    background-color: white;
}

.wrapper {
    display: flex;
    position: relative;
}

.wrapper .sidebar {
    position: fixed;
    width: 200px;
    height: 100%;
    background-color: #525987;
    padding: 30px 0;
}

.wrapper .sidebar h2 {
    color: aliceblue;
    text-transform: uppercase;
    text-align: center;
    margin-bottom: 30px;
}

.wrapper .sidebar ul li {
    padding: 15px;
    border-bottom: 1px solid  #525987;
    border-bottom: 1px solid  #525987;
    border-top: 1px solid  #525987;
}

.wrapper .sidebar ul li a {
    color: rgb(255, 255, 255);
    display: block;
}

.wrapper .sidebar ul li .fas {
```

```css
    width: 25px;
}

.wrapper .sidebar ul li:hover {
    background: #72716e;
}

.wrapper .sidebar ul li:hover a {
    color: #fff;
}

.wrapper .sidebar .social_media {
    position: absolute;
    bottom: 0;
    left: 50%;
    transform: translate(-50%);
    display: flex;
}

.wrapper .sidebar .social_media a {
    display: block;
    width: 40px;
    background: #525987;
    height: 40px;
    line-height: 40px;
    text-align: center;
    margin: 0 5px;
    color: #ffffff;
    border-top-right-radius: 5px;
    border-bottom-left-radius: 5px;
}
```

TESTING

Unit Testing

- Test case 1: The homepage renders correctly on all tested web browsers, and the layout and design are consistent.

- Test case 2: The search functionality accurately returns relevant search results based on user input.

- Test case 3: New users can register successfully, and existing users can log in without issues.

- Test case 4: The MySQL queries retrieve and store data accurately, without any data inconsistencies or errors.

Integration Testing

- Test case 1: The integration between the front-end and back-end components is seamless, and user actions trigger the expected server-side processes and vice versa.

- Test case 2: The user authentication system integrates well with other features, such as commenting and bookmarking, ensuring smooth functionality.

System Testing

- Test case 1: The user flow, from registration to browsing articles and interacting with various features, works smoothly without any noticeable issues.

- Test case 2: The system remains responsive and stable even under simulated load, with multiple concurrent users accessing and interacting with the website.

Debugging and Code Improvement

Throughout the testing process, any identified issues or bugs were thoroughly investigated, and appropriate debugging techniques were applied to rectify the problems. Additionally, code improvement efforts were made to enhance the efficiency, readability, and maintainability of the codebase. This included refactoring code snippets, optimizing query performance, and addressing any identified vulnerabilities or potential security risks. Regular code reviews and collaboration with the development team were conducted to identify areas of improvement and implement necessary changes.

INPUT AND OUTPUT SCREENSHOTS

User side

INFOPEDIA

- Home
- About
- Posts
- Feedback
- Admin

INFOPEDIA

- Home
- About
- Posts
- Feedback
- Admin
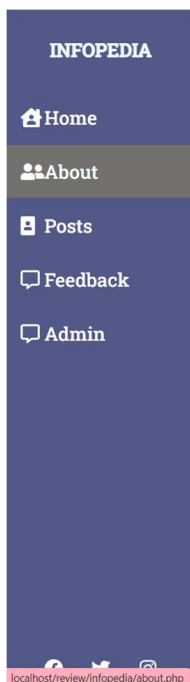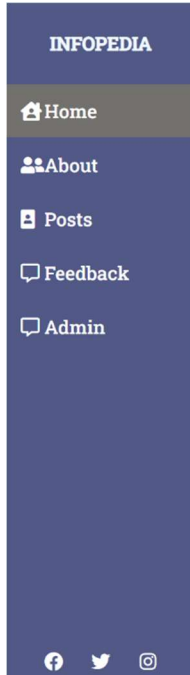
About

* Infopedia is a revolutionary content sharing website that provides its users with the latest information about innovation in various fields.

* It is a platform that serves as a comprehensive information hub, where users can access information about new and innovative products, services, technologies, and trends.

* Infopedia incorporates various multimedia elements, such as images, information to enhance the learning experience.

* Infopedia may offer customization features that allow users to tailor their experience based on their preferences.

* This saves time and ensures proper attribution to the original sources, promoting academic integrity.

localhost/review/infopedia/about.php

Agriculture

Technology

Health Care

Agriculture

Kerala's 72-YO 'Guardian of Native Paddy' has Saved 54 Rice Varieties in 20 Years

Cheruvayal Raman was pained to see native rice varieties lose to hybrid seeds. So, he started cultivating native paddy and preserving their seeds. Watch his journeyCheruvayal Raman (72), popularly known as the Guardian of Native Paddy.

School Dropout Farmer's Innovation To Protect His Crops From Insects Wins Rs 5 Lakh

Karnataka farmer Karibasappa MG innovated a solar trap to keep insects away from him crops. He shares how this won him Infosys Foundation's Aarohan Social Innovation Award and how life has changed since.

Technology

Watching Mother Struggle With Chores, 17-YO Builds Robot to Serve Food & More

Muhammed Shiyad Chathoth, a class 12 Computer Science student from Kannur has innovated a robot called 'Pathooty'. Here\'s how he did it.

IIT Grads' Plant-Based Indoor Air Purifier Strikes Gold on Shark Tank, Wins Rs 1.5 Cr

UBreathe, a Gurugram-based biotechnology startup that develops plant-based air purifiers, secured a deal of Rs 1.5 crore from Namita Thapar on the popular television show Shark Tank India.

Health Care

How An Infosys Foundation Awardee Helps Save Infants from Premature Death

Engineer Nitesh Kumar Jangi, who won the Infosys Foundation's Aarohan Social Innovation Awards in 2019, explains what inspired him to build Saans, an oxygen device that aims to prevent premature deaths in infants.

Father's Heart Health Leads Duo to Make Low-Cost ECG Device the Size of a Keychain

Rahul and Neha, residents of Noida have innovated a keychain-sized ECG device named SanketLife. They are now being supported by the Marico Innovation Foundation to take their work forward.
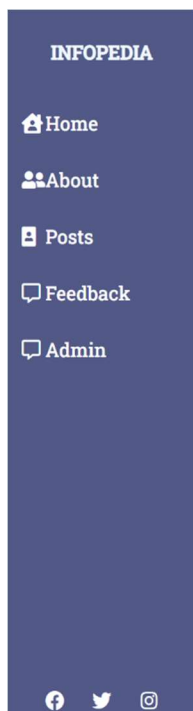
INFOPEDIA

Home

About

Posts
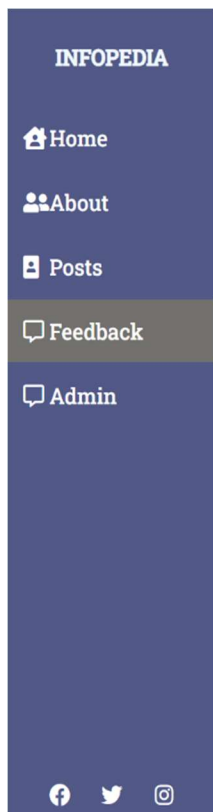
Feedback

Admin

Feedback

enter your name

enter your email

comment

submit

Admin side
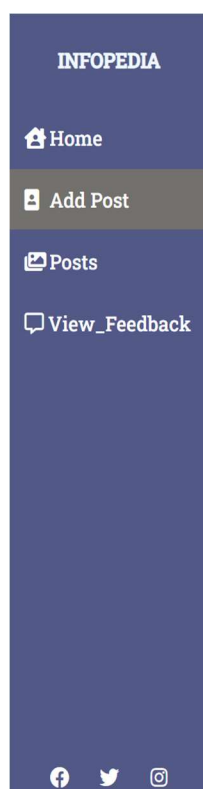
INFOPEDIA

Home

About

Posts

Feedback

Admin

Admin login

akash

...

Login

INFOPEDIA

- 🏠 Home
- 📱 Add Post
- 🖼 Posts
- 💬 View_Feedback

id	title	category	description	image	edit	delete
81	Watching Mother Struggle With Chores, 17-YO Builds Robot to Serve Food & More	Technology	Muhammed Shiyad Chathoth, a class 12 Computer Science student from Kannur has innovated a robot called 'Pathooty'. Here\'s how he did it.		Edit	Delete
80	How An Infosys Foundation Awardee Helps Save Infants from Premature Death	Health Care	Engineer Nitesh Kumar Jangi, who won the Infosys Foundation's Aarohan Social Innovation Awards in 2019, explains what inspired him to build Saans, an oxygen device that aims to prevent premature deaths in infants.		Edit	Delete
79	How Did Pathankot Farmers Record Just 1 Farm Fire? Agri Officer Behind the Feat Explains	Agriculture	Even as Punjab reported 80% of all stubble-burning cases in North India, Pathankot district has zero farm fires this year. Chief Agricultural Officer Dr Amrik Singh, who was one of the two officers behind this feat.		Edit	Delete
78	Brother-Sister Duo Are Using Drones to Help Farmers Triple Their Income	Agriculture	Kerala siblings Devika and Devan Chandrasekharan are using drones to help farmers boost their yield and income, as well as reduce dependency on fertilisers. Here's		Edit	Delete

INFOPEDIA

- 🏠 Home
- 📱 Add Post
- 🖼 Posts
- 💬 View_Feedback

id	Name	Email	Comment
1	veeresh	veeresh@gmail.com	this website is good
2	gajanand	gajanand@gmail.com	good
3	chandru	chandru@gmail.com	good
4	PRASHANT	Akashmole1@gmail.com	GOOD WEBSITE
5	Aku Mole	Akashmole1@gmail.com	1111
6	Aku Mole	Akashmole1@gmail.com	very good
7	chandru	1@gmail.com	very good
8	kumar sobarad	kumarsobarad70@gmail.com	excellent
9	SHRIKANT	Akashmole1@gmail.com	A-Z

ADVANTAGES

- Infopedia provides a centralized platform for accessing comprehensive information on agriculture, technology, and healthcare.

- Users can learn from experts and peers, fostering knowledge sharing and collaboration.

- The user-friendly interface makes it easy to navigate and find relevant information.

- Up-to-date content ensures users stay informed about the latest advancements and best practices.

- Infopedia empowers decision-making by offering valuable insights and reliable information.

- Personalized recommendations enhance the user experience by catering to individual interests.

- Networking opportunities allow users to connect with professionals and like-minded individuals.

- Infopedia encourages continuous learning and personal growth in the respective fields.

LIMITATIONS OF THE PROJECT

- Content Accuracy: Although efforts are made to ensure accuracy, the information on Infopedia may be subject to human error or outdated content.

- Accessibility: Limited internet connectivity, device compatibility, and regional restrictions may impact the accessibility of Infopedia for some users.

- Subjectivity: Some articles or discussions on Infopedia may express subjective opinions or interpretations, requiring users to evaluate information critically.

- Language Limitations: Infopedia primarily operates in specific languages, which may restrict access for users who do not have proficiency in those languages.

- Data Security: While steps are taken to secure user data, the possibility of security breaches or unauthorized access cannot be completely eliminated.

FUTURE APPLICATION

- Infopedia can expand its topics to cover a wider range of subjects.

- Developing a mobile application for Infopedia would enable users to access information.

- Multilingual support would make Infopedia accessible to users from different language backgrounds.

- Collaboration with experts would bring specialized content and industry insights to Infopedia users.

- Interactive features like quizzes and discussion forums can engage users and promote active learning.

- Data visualization tools can make complex information more understandable and engaging.

- Personalized recommendations based on user preferences can enhance the user experience.

- Partnerships with organizations can bring additional resources and funding to support Infopedia's growth.

REFERENCES AND LINKS

- https://youtu.be/LTPGyaEyTI4

- https://www.thebetterindia.com/topics/health-care/

- https://www.w3schools.com/html/html_forms.asp

- https://www.thebetterindia.com/topics/agriculture/

- https://youtube.com/watch?v=R1djM9B0ay0&feature=share7

- https://www.canva.com/design/DAFmLUGPbE8/LricxSfKLJCvmCYALXQoXw/edit?utm_content=DAFmLUGPbE8&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton

BIBLIOGRAPHY

During development of our project, we have references books which I would like to mention in this section .

1. Indian agriculture yesterday,today,tommrow (Author – Dr.Ramesh thakre).

2. Innovative Agriculture Techniques and Practices (by Prasad, Birendra & Udit Kumar, Biotech).

3. Future Science & Technology : Science Knowledge Encyclopedia for Children

CONCLUSION

In conclusion, Infopedia is a valuable and user-friendly platform that provides comprehensive information, fosters knowledge sharing, empowers decision-making, and encourages continuous learning in the fields of agriculture, technology, and healthcare. With its up-to-date content, personalized recommendations, and networking opportunities, Infopedia serves as a trusted resource for users seeking reliable information and opportunities for growth.

By fostering a collaborative environment, Infopedia has encouraged knowledge sharing, networking, and community building among its users. It has served as a hub for professionals, enthusiasts, and learners to connect, exchange ideas, and collectively contribute to the growth and development of their respective fields.

BOARD OF TECHNICAL EDUCATION,BENGLORE

B.V.V.S POLYTECHNIC(AUTONOMOUS),BAGALKOT-587101

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

Certified that this project report entitled **"_____"**which is being submitted by Mr./Ms._____ , Reg. No_____, a bonafide student of _____in partial fulfilment for the award of **Diploma in_____Engineering** during the year _____is record of students own work carried out under my/our guidance. It is certified that all corrections/suggestions indicated for internal Assessment have been incorporated in the Report and one copy of being deposited in the polytechnic library.

The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said diploma.

It is further understood that by this certificate the undersigned do not endorse or approve any statement made, opinion expressed or conclusion drawn there in but approve the project only for the purpose for which it is submitted.

Guides	HOD	Principal

Smt.Preeti R.Goudar B.E   Smt.Aruna Revadi B.E   Shri.G.B.Danashetti M.Tech.(HRD),MISTE,MIE,MISTD

Shri.Tippanna.Goudar B.E

Name and signature of Examiner

1 _____

2 _____

THANK YOU