

Project Report

Introduction :

Blog app is a web or mobile application designed to create, manage and publish blog posts. It allows users to write articles, share their thoughts, ideas, experiences on various topics with wider audience.

Blogging has become a popular medium for individuals, business and organization to communicate & engage with their readers or customers. There are many features for blog app.

Main features are :

(i) User Registration and Authentication :

A blog app typically requires users to create accounts and log in to access its features. This helps in managing user roles, permissions and personalized experiences.

(ii) Create and Edit blog posts :

Users can compose new blog posts and edit existing ones. The app should provide a user-friendly editor to format text, add images and embed multimedia.

(iii) Categories and Tags :

Organizing blog posts into categories and adding relevant tags helps users to easily find content on specific topics.

(IV) Commenting System:

A commenting system allows readers to leave comments on blog posts, encouraging interactivity & discussion between the author and the audience.

(V) Social Media sharing:

Integration with social media platforms enables users to share their blog posts and reach a broader audience.

(VI) Search functionality:

Users and readers should be able to search for specific blog posts or topics within the app.

(VII) User Profiles:

Each user typically has a profile page that displays their published blog posts.

Blog app short for "blogging Application" can serve various benefits for both individuals and business. Here are some common uses of using blog app.

(i) Personal blogging:

Individuals can use a blog app to share their thoughts, experiences, hobbies. It is a great platform for self-expression and building a personal brand.

(ii) Professional blogging :

Blogging can be also utilized for professional purposes. professionals from various fields such as experts, Writers, Photographers, and Consultants can use blog app to show case their expertise and attract clients.

(iii) Content Marketing :

For Business Content Marketing is an essential tool for content. We included content like food, tech, gadgets in our project which is our content. Our main motto is to share information to clients.

(iv) Monetization :

Blogging can also be source of income with enough traffic and a well-monetized strategy bloggers can earn money through advertisements.

(v) Information sharing :

Blogs can be used to share news updates, ~~tutorials~~, tutorials, and how-to-guides. They are an effective medium to educate and inform the audience about specific subjects or development.

Blog app can help to achieve a wide range of goals and objectives. Here are some achievements of our app.

(i) Increased Online Presence and Content Creation:

Blog app allows to create and publish articles, stories, updates and other forms of content easily.

(ii) Personal Expression:

Individuals can use blog apps as platform for personal expression sharing their hobbies, experiences etc.

(iii) Knowledge Sharing:

Educational institutions, online courses, trainers, can utilize blog app to share educational content & resources.

(iv) Cross-Platform Access:

Many blog apps offer mobile applications and responsive web design, making it convenient to manage and update your blog from various devices.

Literature Survey

(i) Introduction to Blog Surveys:

Explain the use of surveys in blog research and how they contribute to understanding user behavior and the preferences.

(ii) Blog Content Analysis:

Explain the themes and topics commonly found in blogs, including personal experiences, hobbies, politics etc.

(iii) Impact of Blogging:

Assess the impact of blogs on society, politics, journalism.

(iv) Blogging Platforms and tools:

Compare different platforms eg. Wordpress, Blogger and tools that bloggers use to connect people.

(v) Accessibility:

Look into literature on ensuring that the blog app is accessible to all users including disabilities by adhering to accessibility standards.

Existing Problems

Technical challenges

Setting up a blog requires some technical knowledge such as hosting setup & CMS installation.

Content Generation

Consistently producing high-quality and engaging content can be difficult, especially when facing writer's block or lack of ideas. Sustaining reader interest and providing fresh content can be a significant challenge.

Time Management

Running a successful blog demands time & commitment. Balancing regular posting schedules with other responsibilities and commitments can be challenges.

Website Speed

Website Performance

Slow loading pages and poor website performance can lead to user frustration and negatively impact search engine rankings.

Proposed Solution :

(i) Data collection and user profiling :

Gathering data on user interactions within blog app such as views, likes, shares. We created app and included public interests like food, tech, gadgets.

(ii) Real-time feedback and update :

Continually update the recommendation system as user interact while the blog app and it provide feedback.

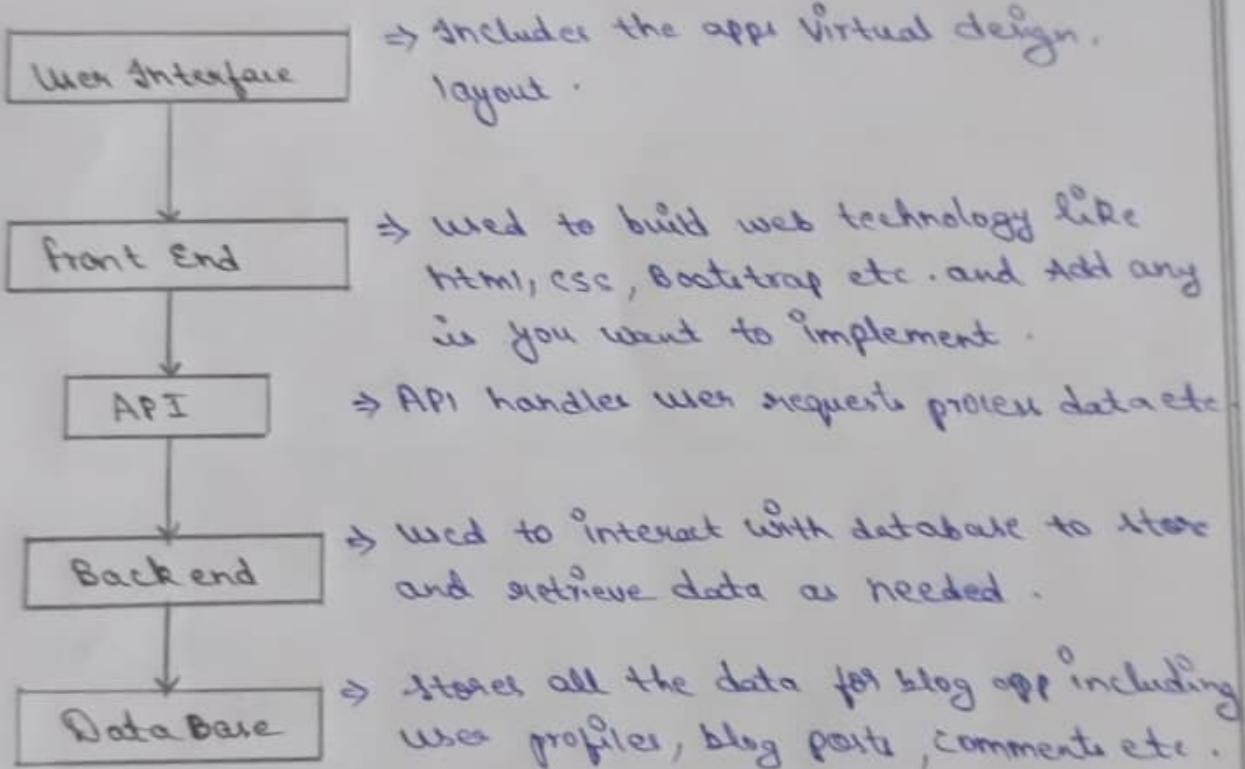
(iii) Research for categorization

Initial Research for choosing the type of blog will be easy for people. We had designed food, gadgets, news updates and tech for people. Our main motto is to share information.

Theoretical Analysis:

Block Diagram:

Diagrammatic overview of the project



Hardware Designing And Software Designing :

Hardware requirements :

(i) Server :

A blogapp requires to host the backend at the database.

(ii) Storage :

This includes both the database and storage to any additional effectively.

(iii) Networking :

High speed internet connectivity and load balancing mechanisms can be essential.

Software requirement / Design :

(i) Web Server :

Install a webserver software (eg: Apache) to handle http requests and serve static files efficiently.

(ii) Frontend technology :

We had decided on frontend technology.
eg - HTML, CSS these technologies will handle the presentation and user interactions.

(iii) Operating System :

Choose an operating system (Linux/Windows) for the server hosting the blog app which we have created.

Advantages

(i) Easy Publishing :

Blog app creates an easy interface to bloggers to create and publish content. It allows bloggers to focus on their writing.

(ii) Interaction :

Blog app which we created has information of various content like food, gadgets, news, updates etc. This helps us to have an interaction with people through media.

(iii) Search and Navigation

Blog app typically have efficient search functionality and user friendly navigation making it easier for readers to find relevant content.

(iv) Personalization

We can find posts according to our search or readers' interest by search option. It ensures a more personalized reading experience.

(v) Mobile Responsiveness

Blog app typically have efficient search functionality and user friendly navigation, making it easier for readers to find relevant content.

Disadvantages

(i) Limited Customization:

The lack of flexibility may not fully align with bloggers branding or designing preferences.

(ii) Control on data:

Bloggers using third-party blog apps might not have complete ownership and control over their data. This resulting in potential data loss.

(iii) Platform limitations:

Blog apps will be built on certain platform may not support all the desired integrations or plugins that bloggers might need.

(iv) Speed:

Using higher server loads on blog app platforms may used lead to slower loading times and reduced speed.

index

```
<!doctype html>
<html lang="en">

<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Blog</title>
  <link rel="stylesheet" href=".//assets/css/style.css">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css">
</head>

<body>

  <section id="section1">
    <nav class="navbar navbar-expand-lg bg-body-transparent">
      <div class="container-fluid">
        <a class="navbar-brand" href="#"></a>
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbarNav">
          <ul class="navbar-nav">
            <li class="nav-item">
              <a class="nav-link active" aria-current="page" href="index.html">Home</a>
            </li>
            <li class="nav-item dropdown">
              <a class="nav-link dropdown-toggle" href="index.html" id="productsDropdown" role="button" data-bs-toggle="dropdown" aria-expanded="false">
                Products
              </a>
              <ul class="dropdown-menu" aria-labelledby="productsDropdown">
                <li><a class="dropdown-item" href="index.html">Product 1</a></li>
                <li><a class="dropdown-item" href="index.html">Product 2</a></li>
                <li><a class="dropdown-item" href="index.html">Product 3</a></li>
              </ul>
            </li>
            <li class="nav-item dropdown">
              <a class="nav-link dropdown-toggle" href="index.html" id="resourcesDropdown" role="button" data-bs-toggle="dropdown" aria-expanded="false">
                Resources
              </a>
              <ul class="dropdown-menu" aria-labelledby="resourcesDropdown">
                <li><a class="dropdown-item" href="index.html">Resource 1</a></li>
                <li><a class="dropdown-item" href="index.html">Resource 2</a></li>
                <li><a class="dropdown-item" href="index.html">Resource 3</a></li>
              </ul>
            </li>
            <li class="nav-item">
              <a class="nav-link" href="index.html">Pricing</a>
            </li>
          </ul>
        </div>
        <div class="btns">
          <!-- Add your buttons here -->
          <button type="submit" class="btn btn-outline-dark" style="border-radius: 20px;">Login</button>
          <button type="submit" class="btn btn-dark" style="border-radius: 20px;">Logout</button>
        </div>
      </div>
    </nav>
  </section>
</body>
```

```

width: 15vh;">Sign Up</button>           index
  </div>
</nav>
<section class="home" id="home">
  <div class="home-text container">
    <h1 class="home-title">Informative Blog</h1>
    <div class="col">
      <p id="title" class="fs-2"><strong>Welcome to our
website!</strong></p>
      </div>
      <h3><span class="home-subtitle">Your informative source of great
content is here</span></h3>
    </div>
  </div>
</section>
</section>

<section>
  <div class="container mt-8">
    <div class="row">
      <div class="input-field">
        <input type="search" id="searchInput" placeholder="Search">
        <button class="btn btn-dark" id="searchButton">Search</button>
        <ul id="searchSuggestions"></ul>
      </div>
    </div>
  </div>
</section>

<section class="about container" id="about">
  <div class="contentBx">
    <h2 class="titleText">Catch up with the most trending topics</h2>
    <div class="imgBx">
      
    </div>
    <p class="title-text">
      Lorem ipsum dolor sit amet consectetur adipisicing elit. Laborum eos
consequuntur voluptate dolorum totam provident ducimus cupiditate dolore
doloribus repellat. Saepe ad fugit similiique quis quam. Odio suscipit incident
      <br>Lorem ipsum dolor sit amet consectetur adipisicing elit. sed blanditiis
libero pariatur ipsum suscipit voluptates aut, repellendus quos dolor autem,
natus laboriosam consectetur maxime cumque, sunt magni optio? Veritatis, ea?
    </p>
    <a href="#" class="btn2">Read more</a>
    <p class="fs-4">New product features, the latest in technology, solutions and
current updates</p>
  </section>

<section>
  <div class="container">
    <ul class="nav">
      <li class="nav-item">
        <a class="nav-link active cat01" data-bs-toggle="pill"
href="#tab1">View all</a>
      </li>
      <li class="nav-item">

```

```

    index
    <a class="nav-link cato1" data-bs-toggle="pill" href="#tab2">Designs
and Languages</a>
    </li>
    <li class="nav-item">
        <a class="nav-link cato1" data-bs-toggle="pill" href="#tab3">Electronic
Gadgets</a>
    </li>
    <li class="nav-item">
        <a class="nav-link cato1" data-bs-toggle="pill"
href="#tab4">Development in all fields</a>
    </li>
    <li class="nav-item">
        <a class="nav-link cato1" data-bs-toggle="pill" href="#tab5"> work
Management</a>
    </li>
    <li class="nav-item">
        <a class="nav-link cato1" data-bs-toggle="pill"
href="#tab6">Technology</a>
    </li>
    <li class="nav-item">
        <a class="nav-link cato1" data-bs-toggle="pill" href="#tab7">Food
Recipes and Latest News</a>
    </li>
    <li class="nav-item">
        <a class="nav-link cato1" data-bs-toggle="pill" href="#tab8">Real
Estates(Individual Houses,Bangalas and Appartments)</a>
    </li>
</ul>
</div>
<div class="container mt-8" id="tabContentContainer">

    <div class="tab-content">
        <div class="tab-pane active" id="tab1">
            <!-- Card elements -->
        </div>

        <div class="tab-pane" id="tab2">
            <div class="row row-cols-1 row-cols-md-2 row-cols-lg-2 g-4">
                <div class="col">
                    <div class="card">
                        <div class="card-body">
                            <div class="image-container">
                                
                                <div class="image-caption">
                                    <p class="mt fs-6 caption-name">
                                        style="font-weight:bold;">Olivia Rhye</p>
                                    <p class="fs-6 caption-date" style="font-weight:bold;">12
Apr 2023</p>
                                </div>
                            </div>
                        </div>
                    <h4 class="card-title mt-3" style="text-decoration:
underline;">UX review presentation</h4>
                    <p class="card-text">Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Sed vitae odio eget
            <velit tristique bib</p>
                    <a href="#" class="btn btn-primary" id="read-more-1">Read
more</a>
                </div>
            </div>
        </div>
        <div class="col">
            <div class="card">

```

index

```
<div class="card-body">
    <div class="image-container">
        
        <div class="image-caption">
            <p class="mt fs-6 caption-name"
style="font-weight:bold;">olivia Rhye</p>
            <p class="fs-6 caption-date" style="font-weight:bold;">12
                Apr 2023</p>
        </div>
    </div>
    <h4 class="card-title mt-3" style="text-decoration:
underline;">Design</h4>
    <p class="card-text">Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Sed vitae odio eget
            velit tristique bib</p>
    <a href="#" class="btn btn-primary" id="read-more-1">Read
more</a>

        </div>
    </div>
</div>
</div>
</div>
</div>
```



```
<div class="tab-pane" id="tab3">
    <div class="row row-cols-1 row-cols-md-2 row-cols-lg-2 g-4">
        <div class="col">
            <div class="card">
                <div class="card-body">
                    <div class="image-container">
                        
                    <div class="image-caption">
                        <p class="mt fs-6 caption-name"
style="font-weight:bold;">olivia Rhye</p>
                        <p class="fs-6 caption-date" style="font-weight:bold;">12
                Apr 2023</p>
                    </div>
                </div>
                <h4 class="card-title mt-3" style="text-decoration:
underline;"> Laptops at best dells in big billion days</h4>
                <p class="card-text">Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Sed vitae odio eget
            velit tristique bib</p>
                <a href="#" class="btn btn-primary" id="read-more-1">Read
more</a>

            </div>
        </div>
        <div class="col">
            <div class="card">
                <div class="card-body">
                    <div class="image-container">
                        
                    <div class="image-caption">

```

index

Apr 2023

12

[**Olivia Rhye**](#)

underline;">wireless earbuds Tws with noise cancellation

adipiscing elit. Sed vitae odio eget

more

Read

June 2023

28

[**William Bentik**](#)

style="font-weight:bold;">underline;">Wireless Power Bank more than 20k Mah

adipiscing elit. Sed vitae odio eget

more

Read

July 2023

25

[**Robert Clive**](#)

style="font-weight:bold;">underline;"> Mobile Power Cables at low cost and better durability

adipiscing elit. Sed vitae odio eget

more

Read

index

```
</div>
</div>
</div>
<div class="col">
<div class="card">
<div class="card-body">
<div class="image-container">

<div class="image-caption">
<p class="mt fs-6 caption-name"
style="font-weight:bold;">Lala Lajpat Rai</p>
<p class="fs-6 caption-date" style="font-weight:bold;">Apr 1919</p>
</div>
</div>
<h4 class="card-title mt-3" style="text-decoration:underline;">Smart Phones at best offersOlivia Rhye</p>
<p class="fs-6 caption-date" style="font-weight:bold;">Apr 2023</p>
</div>
</div>
<h4 class="card-title mt-3" style="text-decoration:underline;">Website Landing Page
```

```
index
<div class="card-body">
    <div class="image-container">
        
        <div class="image-caption">
            <p class="mt fs-6 caption-name"
style="font-weight:bold;">Olivia Rhye</p>
            <p class="fs-6 caption-date" style="font-weight:bold;">Apr 2023</p>
        </div>
    </div>
    <h4 class="card-title mt-3" style="text-decoration:
underline;">Landing Page</h4>
    <p class="card-text">Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Sed vitae odio eget
            velit tristique bib</p>
    <a href="#" class="btn btn-primary" id="read-more-1">Read
more</a>
</div>
</div>
</div>
</div>
</div>

<div class="tab-pane" id="tab5">
    <div class="row row-cols-1 row-cols-md-2 row-cols-lg-2 g-4">
        <div class="col">
            <div class="card">
                <div class="card-body">
                    <div class="image-container">
                        
                    <div class="image-caption">
                        <p class="mt fs-6 caption-name"
style="font-weight:bold;">Olivia Rhye</p>
                        <p class="fs-6 caption-date" style="font-weight:bold;">Apr 2023</p>
                    </div>
                </div>
                <h4 class="card-title mt-3" style="text-decoration:
underline;">Team management</h4>
                <p class="card-text">Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Sed vitae odio eget
            velit tristique bib</p>
                <a href="#" class="btn btn-primary" id="read-more-1">Read
more</a>
            </div>
        </div>
        <div class="col">
            <div class="card">
                <div class="card-body">
                    <div class="image-container">
                        
    <div class="image-caption">
        <p class="mt fs-6 caption-name" style="font-weight:bold;">Olivia Rhye</p>
        <p class="fs-6 caption-date" style="font-weight:bold;">12 Apr 2023</p>
    </div>
</div>
<h4 class="card-title mt-3" style="text-decoration: underline;">Hotel Management and Hospitality</h4>
<p class="card-text">Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed vitae odio eget velit tristique bib</p>
<a href="#" class="btn btn-primary" id="read-more-1">Read more</a>
```

```
</div>
</div>
</div>
</div>
```

```
</div>
<div class="tab-pane" id="tab6">
    <div class="row row-cols-1 row-cols-md-2 row-cols-lg-2 g-4">
        <div class="col">
            <div class="card">
                <div class="card-body">
                    <div class="image-container">
                        
                        <div class="image-caption">
                            <p class="mt fs-6 caption-name" style="font-weight:bold;">Thomas Alva Edison</p>
                            <p class="fs-6 caption-date" style="font-weight:bold;">12 Apr 2023</p>
                        </div>
                    </div>
                    <h4 class="card-title mt-3" style="text-decoration: underline;">Information Technology</h4>
                    <p class="card-text">Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed vitae odio eget velit tristique bib</p>
                    <a href="#" class="btn btn-primary" id="read-more-1">Read more</a>
                </div>
            </div>
        </div>
        <div class="col">
            <div class="card">
                <div class="card-body">
                    <div class="image-container">
                        
                        <div class="image-caption">
                            <p class="mt fs-6 caption-name" style="font-weight:bold;">C.R Dass</p>
                            <p class="fs-6 caption-date" style="font-weight:bold;">19 June 2023</p>
                        </div>
                    </div>
                    <h4 class="card-title mt-3" style="text-decoration: underline;">Page 8
```

index

underline;">>Artificial intelligence</h4>

<p class="card-text">Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Sed vitae odio eget
velit tristique bib</p>

Read more

</div>

</div>

</div>

</div>

</div>

</div>

<div class="tab-pane" id="tab7">

<div class="row row-cols-1 row-cols-md-2 row-cols-lg-2 g-4">

<div class="col">

<div class="card">

<div class="card-body">

<div class="image-container">

<div class="image-caption">

<p class="mt fs-6 caption-name" style="font-weight:bold;">shaik
Saleem Abdullah</p>

<p class="fs-6 caption-date" style="font-weight:bold;">12 Apr
2023</p>

</div>

</div>

<h4 class="card-title mt-3" style="text-decoration: underline;">Best Hyderabad Chicken Biryani full recipe</h4>

<p class="card-text">Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Sed vitae odio eget
velit tristique bib</p>

Read more

</div>

</div>

<div class="col">

<div class="card">

<div class="card-body">

<div class="image-container">

<div class="image-caption">

<p class="mt fs-6 caption-name" style="font-weight:bold;">olivia Rhye</p>

<p class="fs-6 caption-date" style="font-weight:bold;">12 Apr
2023</p>

</div>

</div>

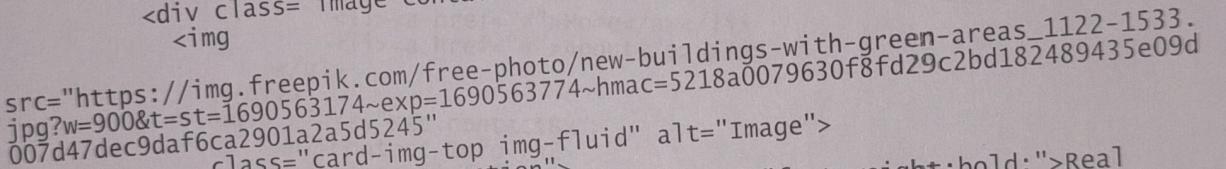
<h4 class="card-title mt-3" style="text-decoration: underline;">All
variations of paneer combination recipes here</h4>

<p class="card-text">Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Sed vitae odio eget
velit tristique bib</p>

Read more

</div>

index

```
</div>
</div>
<div class="col">
  <div class="card">
    <div class="card-body">
      <div class="image-container">
        
        <div class="image-caption">
          <p class="mt fs-6 caption-name">
            <p class="mt fs-6 caption-name" style="font-weight:bold;">Cristiana Miller</p>
            <p class="fs-6 caption-date" style="font-weight:bold;">12 Apr 2023</p>
          </div>
        <h4 class="card-title mt-3" style="text-decoration:underline;">Latest National News</h4>
        <p class="card-text">Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed vitae odio eget velit tristique bib</p>
        <a href="#" class="btn btn-primary" id="read-more-1">Read more</a>
      </div>
    </div>
  </div>
<div class="col">
  <div class="card">
    <div class="card-body">
      <div class="image-container">
        
        <div class="image-caption">
          <p class="mt fs-6 caption-name" style="font-weight:bold;">oliver Thambo</p>
          <p class="fs-6 caption-date" style="font-weight:bold;">29 July 2023</p>
        </div>
        <h4 class="card-title mt-3" style="text-decoration:underline;">International News</h4>
        <p class="card-text">Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed vitae odio eget velit tristique bib</p>
        <a href="#" class="btn btn-primary" id="read-more-1">Read more</a>
      </div>
    </div>
  </div>
</div>
<div class="tab-pane" id="tab8">
  <div class="row row-cols-1 row-cols-md-2 row-cols-lg-2 g-4">
    <div class="col">
      <div class="card">
        <div class="card-body">
          <div class="image-container">
            
<div class="image-caption">
<p class="mt fs-6 caption-name" style="font-weight:bold;">Albert
Freek</p>
<p class="fs-6 caption-date" style="font-weight:bold;">12 Apr
2023</p>
</div>
<h4 class="card-title mt-3" style="text-decoration: underline;">
Individual Banglas and Houses are Sold here</h4>
<p class="card-text">Lorem ipsum dolor sit amet, consectetur adipiscing
elit. Sed vitae odio eget
velit tristique bib</p>
<a href="#" class="btn btn-primary" id="read-more-1">Read more</a>
</div>
</div>
</div>
<div class="col">
<div class="card">
<div class="card-body">
<div class="image-container">

src="https://img.freepik.com/free-photo/new-buildings-with-green-areas_1122-1533.jpg?w=900&t=st=1690563174~exp=1690563774~hmac=5218a0079630f8fd29c2bd182489435e09d007d47dec9daf6ca2901a2a5d5245"
<div class="card-img-top img-fluid" alt="Image">
<div class="image-caption">
<p class="mt fs-6 caption-name" style="font-weight:bold;">Real
Estate Broker</p>
<p class="fs-6 caption-date" style="font-weight:bold;">12 July
2023</p>
</div>
<h4 class="card-title mt-3" style="text-decoration: underline;">
Threeable Bed Rooms Flats under low cost</h4>
<p class="card-text">Lorem ipsum dolor sit amet, consectetur adipiscing
elit. Sed vitae odio eget
velit tristique bib</p>
<a href="#" class="btn btn-primary" id="read-more-1">Read more</a>
</div>
</div>
</div>
</div>
</div>
<!-- Modal -->
<div class="modal" id="modal">
<div class="modal-dialog">
<div class="modal-content">
<!-- Modal header -->
<div class="modal-header">
<h5 class="modal-title" id="modal-title"></h5>
<button type="button" class="btn-close" data-bs-dismiss="modal"
aria-label="Close"></button>
</div>
<!-- Modal body -->
<div class="modal-body">
<p id="modal-date"></p>
<p id="modal-description"></p>
</div>
</div>
</div>
</div>
```

```

index
</section>

<section>
  <!-- Footer -->
  <footer id="mainFooter" class="py-5 bg-dark text-white">
    <div class="container py-md-5">
      <div class="row justify-content-between align-items-center gy-3">
        <!-- Content for the left side of the footer -->
        <p>&copy; 2023 Your Company. All rights reserved.</p>
        <div class="col-sm-12 col-md-6 text-center text-md-end">
          <ul class="list-inline">
            <li class="list-inline-item"><a href="#">Terms of Service</a></li>
            <li class="list-inline-item"><a href="#">Privacy Policy</a></li>
            <li class="list-inline-item"><a href="#">Contact Us</a></li>
          </ul>
        </div>
      </div>
    </div>
  </footer>
</section>

<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
<script src=".//assets/js/script.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>

```

```
</body>           index  
</html>
```

```
style
```

```
#section1 {
    height: 50vh;
}

.input-field {
    position: relative;
    width: 65vh;
}

.input-field input[type="search"] {
    height: 8vh;
    padding: 20px;
    width: 100%;
    box-sizing: border-box;
    border-radius: 25px;
}

.input-field button {
    position: absolute;
    top: 0;
    right: 0;
    height: 8vh;
    padding: 10px;
    border-radius: 25px;
    width: 18vh;
}
.home{
    width: 100%;
    min-height: 440px;
    background:
url("https://img.freepik.com/premium-vector/abstract-shining-background_105325-342.jpg?w=1380");
    display: grid;
    justify-content: center;
    align-items: center;
}

.home-text{
    color: var(--bg-color);
    text-align: center;
}

.home-title{
    font-size: 3.5rem;
}

.home-subtitle{
    font-size: 1rem;
    font-weight: 400;
}

.nav-link.active.cat01 {
    border-bottom: 2px solid rgb(6, 6, 6);
}
```

```
.image-container { style
  position: relative;
  display: inline-block;
}

.image-caption {
  position: absolute;
  top: 0;
  left: 0;
  width: 100%;
  height: 40%;
  opacity: 0;
  background-color: rgba(255, 255, 255, 0.8);
  transition: opacity 0.3s;
}

.caption-name,
.caption-date {
  margin: 0;
  padding: 10px;
  font-weight: bold;
}

.image-container:hover .image-caption {
  opacity: 1;
}

#searchSuggestions {
  list-style-type: none;
  padding: 0;
  margin: 0;
  border: 1px solid #ccc;
  border-radius: 4px;
  background-color: #fff;
  box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
  max-height: 200px;
  overflow-y: auto;
}

#searchSuggestions li {
  padding: 8px 16px;
  cursor: pointer;
}

#searchSuggestions li:hover {
  background-color: #f5f5f5;
}

/* Footer Media Query */
@media (max-width: 991px){
  footer{
    padding: 40px;
    font-size: 20px;
  }
  footer .footer-container{
    flex-direction: column;
  }

  footer .footer-container .sec{
    margin-right: 0;
    margin-bottom: 40px;
  }
}
```

```
style
footer .footer-container .sec.aboutus{
    width: 100% !important;
}
footer .footer-container .quicklinks{
    width: 100%;
}
footer .footer-container .contactBx{
    width: 100%;
}
}
```

```

$(document).ready(function () {           script
    $('.nav-link.cat01[href="#tab1"]').click(function () {
        $('.tab-pane').addClass('active show');
        $('.row-cols-2').removeClass('row-cols-2');
        localStorage.setItem('viewAllClicked', true);
    });

    $('.nav-link.cat01:not([href="#tab1"])').click(function () {
        $('.tab-pane').removeClass('active show');
        $('.row-cols-2').addClass('row-cols-2');
        localStorage.removeItem('viewAllClicked');
        var target = $(this).attr('href');
        $(target).addClass('active show');
    });

    if (localStorage.getItem('viewAllClicked')) {
        $('.tab-pane').addClass('active show');
        $('.row-cols-2').removeClass('row-cols-2');
    } else {
        $('.row-cols-2').addClass('row-cols-2');
    }
});

function searchCards() {
    var searchValue = document.getElementById("searchInput").value.toLowerCase();
    var cards = document.querySelectorAll("#tabContentContainer .card");
    cards.forEach(function (card) {
        var cardTitle =
            card.querySelector(".card-title").textContent.toLowerCase();
        if (cardTitle.includes(searchValue)) {
            card.style.display = "block"; // Show the card
        } else {
            card.style.display = "none"; // Hide the card
        }
    });
}

document.getElementById("searchButton").addEventListener("click", searchCards);

var searchInput = document.getElementById("searchInput");
searchInput.addEventListener("input", function () {
    var searchValue = this.value.toLowerCase();
    var suggestionsList = document.getElementById("searchSuggestions");
    suggestionsList.innerHTML = ""; // Clear previous search suggestions
    if (searchValue.length === 0) {
        suggestionsList.style.display = "none"; // Hide suggestions when the
        input is empty
        return;
    }

    var cards = document.querySelectorAll("#tabContentContainer .card");
    cards.forEach(function (card) {
        var cardTitle =
            card.querySelector(".card-title").textContent.toLowerCase();
        if (cardTitle.includes(searchValue)) {
            var suggestionItem = document.createElement("li");
            suggestionItem.textContent = cardTitle;
            suggestionItem.addEventListener("click", function () {
                searchInput.value = this.textContent; // Populate the clicked
                Page 1
            });
        }
    });
});

```

```

        script
suggestion into the search input
    searchCards(); // Trigger search after suggestion is clicked
}
    suggestionsList.appendChild(suggestionItem);
});
};

if (suggestionsList.childElementCount > 0) {
    suggestionsList.style.display = "block"; // Show suggestions if there
are any
} else {
    suggestionsList.style.display = "none"; // Hide suggestions if there
are none
};
};

// Get all the "Read more" buttons
const readMoreButtons = document.querySelectorAll('[id^="read-more-"]');

const modal = document.getElementById('modal');
const modalTitle = document.getElementById('modal-title');
const modalDate = document.getElementById('modal-date');
const modalDescription = document.getElementById('modal-description');

readMoreButtons.forEach((button) => {
    button.addEventListener('click', (event) => {
        event.preventDefault(); // clicking event

        const card = button.closest('.card');

        // card Details
        const title = card.querySelector('.card-title').innerText;
        const date = card.querySelector('.caption-date').innerText;
        const description = card.querySelector('.card-text').innerText;

        modalTitle.innerText = title;
        modalDate.innerText = date;
        modalDescription.innerText = description;

        modal.classList.add('show');
        modal.style.display = 'block';
        document.body.classList.add('modal-open');
    });
});

// Close modal
modal.addEventListener('click', (event) => {
    if (event.target === modal || event.target.classList.contains('btn-close')) {
        modal.classList.remove('show');
        modal.style.display = 'none';
        document.body.classList.remove('modal-open');
    }
});

```

[Home](#) [Products ▾](#) [Resources ▾](#) [Pricing](#)

[Sign Up](#)

[Login](#)

Informative Blog

Search

Catch up with the most trending topics

Search



About Us

Lorem ipsum dolor, sit amet consectetur adipisicing elit. Ducimus quisquam minus quo illo numquam vel incidunt pariatur hic commodi expedita tempora praesentium at iure fugiat ea, quam laborum aperiam veritatis.

Quick Links

- [Home](#)
- [About](#)

Contact Info

- 6444 London street
Brighton PA 33445
- InformatiiveBlog8@gmail.com

© 2023 Your Company. All rights reserved.

[Terms of Service](#) [Privacy Policy](#) [Contact Us](#)

[Read more](#)

New product features, the latest in technology, solutions and current updates

[View all](#) [Designs and Languages](#) [Electronic Gadgets](#) [Development in all fields](#) [Work Management](#) [TechnoLoav](#)

About Us

LOREM IPSUM DOLOR, SIT AMET CONSECTETUR ADIPISCING ELIT. *Ducimus quisquam minus quo illo numquam vel incident pariatur hic commodi expedita tempora praesentium at iure fuiat ea quam laborum ameriam voritatis*

Quick Links

Applications +

(i) Business blog +

Many people create blog for business purpose they maintain promoting products, engaging with customers.

(ii) Educational Blog +

We had included News updates in our blog app so that students can gain knowledge through blog app.

(iii) Tech and Gadget Review +

Blog app caterer to technology who wants to read reviews, tutorials, guides on latest version gadgets, software and technology trends.

(iv) Food and Cooking +

Food bloggers can use blog app to share recipes, cooking tips and reviews and culinary experiences with food enthusiasts.

(v) Creative Writing +

To write here people need to use their skills. This is a showcase to their works and the creative writing projects.

(vi) Social and Advocacy +

The versatility of blog allows them to later to a wide range of interest and industries to a wide range of interest. Non-profit organization and

advocacy groups can use blog app to spread awareness about social causes, campaigns.

(vii) News:

Blog apps can serve as platform for independent journalists and news outlets to publish articles, investigative reports and issues.

(viii) Product reviews:

Blog apps can serve platform for us share product reviews and comparisons.

Conclusion:

In conclusion the development of a blog app is highly rewarding and valuable project. It provides readers with easy access to diverse and engaging content on a wide range of topics.

Throughout the project we have explored the various aspects for food, tech, gadgets and news. We created a successful blog app from technical hurdles during data security and performance we did careful planning & continuous improvement for our blog app.

The blog project presents an opportunity to create a thriving ecosystem where bloggers can express themselves and readers can discover valuable content. With dedication, innovation and user-centric approach the blog app project has the potential to make a meaningful impact on the blogging world. We are proud of contribution to this dynamic project and we look forward to further enhancing the app's capabilities in future.

Future Scope :-

(i) Multimedia Integration :

Enhance blog app to support multimedia content such as podcasts, vlogs etc. this will cater to users who prefer consuming contents.

(ii) Live Streaming and Events :

Live streaming capabilities, enabling bloggers to host live events, webinars directly through blog.

(iii) Integration with Smart devices :

Connect Blog app to smart devices enabling users to access content on smart speakers, smart watches.

(iv) Offline Reading

Enable users to save the content offline and enhance the app's performance and user experience through Progressive Web App (PWA).

(v) Content collab with Social media Influencers

Facilitate partnership collab with social media influencers promoting where users can see social media influencers promoting and engaging content with wider audience.