

FRONT END DEVELOPMENT

INTERNSHIP

BUILDING

A

BLOG APP

By

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Introduction:

1.1 Overview:

A Beauty blog is a type of online platform that focuses on topics related to makeup, skincare, haircare, and overall beauty and wellness. It is typically run by an individual or a group of beauty enthusiasts who share their knowledge, experiences, and insights with wider audience. Beauty blogs can cover a wide range of content, from product reviews, makeup tutorials and skincare routines to beauty tips, fashion trends, and life style advice.

1.2 Purpose:

The primary purpose of a beauty blog is to provide valuable and engaging content that helps readers enhance their beauty routines, discover new products, and stay updated with the latest trends in the beauty industry. Beauty bloggers often share personal experiences, recommendations,

and expert advice, creating a sense of community and trust with their audience.

Beauty blogs can include various media formats, such as written articles, images, videos, and interactive content. They may also feature collaborations with beauty brands, interviews with industry experts, and opportunities for readers to engage through comments, feedback, and social media interactions.

Overall, beauty blogs serve as a source of inspiration, education, and connection for beauty enthusiasts worldwide, offering a space where individuals can explore and celebrate their love for all things beauty.

2) Literature Survey

2.1 Existing problem:

Personalization: Beauty preferences can vary significantly from person to person. Failing to provide personalized content recommendations might lead to users feeling disinterested or disconnected from the blog.

2.2: Proposed Solution:

Competition: The beauty industry is highly competitive, with many beauty blogs and apps vying for user's attention. Standing out and offering unique value can be a challenge.

2.2

User profiling: Implement a user profiling system where users can provide information about their beauty preferences, skin type, hair type, and style preferences. This data will help tailor content recommendations and product suggestions.

Preference filters:

Provide users with the option to filter content based on specific categories like makeup looks, skincare routines, hair care tips, or product reviews. This way, users can quickly find content that aligns with their interests.

Customized news feed:

Create a personalized news feed that showcases content based on user's past interactions, allowing them to see relevant articles, tutorials, and product recommendations.

3) Theoretical analysis:

3.) Block Diagram:

Logo

Search Bar

View all

Makeup

Skincare

Haircare

Nailcare

Tab
1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

Footer

3.2 Hardware / Software designing :

Hardware :

- We have used a laptop for our blog.
- A internet connection is required to work on a laptop.
- We used a microphone to record our voice for the demonstration video.
- We used external storage, we used bootstrap for the blog application.

Software :

- We used web browser to search for content and pictures to help our blog.
- We used text editor to edit the text content.
- For coding and editing , we used Visual Studio code.

4) Advantages & Disadvantages

1) Creative Expression:

A beauty blog provides a platform for expressing your creativity & passion for makeup, skincare and fashion. You can share your unique beauty perspectives and showcase your artistry.

2) Community Building:

A beauty blog can help you connect with like-minded individuals & build a supportive community of beauty enthusiasts. Engaging with your readers & fellow bloggers can be rewarding and fulfilling.

3) Learning and Growth:

Running a beauty blog involves continuous learning & research about the latest beauty trends, products and techniques. It allows to stay updated with industry developments.

Personal Branding:

Building a beauty blog will allow you to establish a personal brand as an expert in the beauty niche. Over time, you can become a trusted voice in the beauty community.

Monetization:

With substantial traffic and a loyal audience, you can explore various monetization strategies, such as sponsored content, affiliate marketing, and ad revenue, turning your passion into a source of income.

Disadvantages :

1) Competition :

The beauty blogging space is highly competitive, with numerous established blogs and influencers. It may take time and persistence to stand out and gain a substantial audience.

2) Subjectivity :

Beauty preferences are subjective, and not everyone will agree with your opinions or recommendations. Negative feedback or criticism can be discouraging.

3) Content diversity :

Continuously creating diverse and engaging content can be challenging, as the beauty niche covers various topics like makeup, skincare, hair care and fashion.

Monetization Challenges:

Generating significant revenue from a beauty blog can be difficult in the early stages, and success may vary based on factors like audience size and niche focus.

SEO & Marketing:

Building organic traffic and promoting your blog on social media can be complex and time-consuming, requiring knowledge of search engine optimization (SEO) and digital marketing.

Time Sensitivity:

The beauty industry is ever-changing, with new trends and product releases constantly emerging. Keeping up with the latest developments can be demanding.

6) Applications:

Beauty blogs have numerous applications, and they serve various purposes for both content creators and readers. Some key applications of beauty blogs include:

7) Beauty Education:

Beauty blogs provide valuable educational content, including makeup tutorials, skincare routines, haircare tips and product reviews. Readers can learn new techniques, discover beauty hacks, and stay updated with the latest trends in the industry.

8) Product Recommendations:

Beauty blogs help readers find the right products for their specific needs and preferences. Through honest and unbiased reviews, bloggers can guide their audience towards effective and high-quality beauty products.

Inspiration & Creativity:

Beauty Blogs offer inspiration for makeup looks, fashion trends, and creative styles. Through honest and unbiased reviews, bloggers can guide their audience towards effective and high-quality beauty products.

Community Engagement:

Beauty Blogs create a sense of community among beauty enthusiasts. Readers can engage with bloggers and other readers through comments, discussions, and social media interactions, fostering a supportive beauty community.

Brand Promotion:

Beauty blogs serve as an effective platform for performing beauty brands and their products. Beauty bloggers often collaborate with brands, leading to brand exposure and potential partnerships.

Sharing Personal Experiences:

Bloggers often share their personal beauty journeys, struggles, and successes, which can resonate with readers and create a sense of relatability.

Beauty Trends & News:

Beauty blogs keep readers informed about the latest beauty trends, launches, and industry news, helping them stay ahead in the ever-evolving beauty landscape.

Promoting Self-care:

Beauty blogs emphasize the importance of self-care and well-being, encouraging readers to prioritize their health and self-esteem.

Beauty blogs play a multifaceted role in the beauty world, serving as a source of education, inspiration, empowerment, and community-building for beauty enthusiasts worldwide.

7) Conclusion:

A Triumph of Innovation and Dedication.

As we reach the culmination of our computer blog project, we are filled with a profound sense of accomplishment and pride.

This journey has been an exhilarating pursuit of knowledge, creativity, and problem-solving, and we have emerged stronger and more capable than ever before.

Throughout this project, we embarked on a mission to harness the power of technology and transform our ideas into reality. With unwavering dedication and countless hours of hardwork, we have successfully crafted a solution that addresses a specific need or problem.

Moreover, this building a blog project has been a collaborative endeavor, showcasing the strength of teamwork and the strategy and the

synergy that arises when passionate minds unite. Each team member's unique skills and perspectives have played a pivotal role in shaping the project's success.

As we reflect on this journey, we acknowledge the challenges we encountered along the way. From intricate coding puzzles to design dilemmas, each obstacle served as an opportunity for growth and learning.

Our project is not merely a product, it is a culmination of dedication, ingenuity, and the pursuit of excellence. We are excited about the impact it can have in the real world, and we eagerly anticipate its implementation and use.

8) Future Scope:

The future scope for a beauty blog is promising and opens up various exciting possibilities.

Advancements in Beauty Technology:

Beauty blogs can explore and cover emerging beauty technologies, such as AI-powered skincare devices, virtual try-on tools, and personalized beauty apps. Integrating these technologies into blog content can enhance user engagement and provide unique experiences for readers.

Sustainable Beauty and Clean Beauty:

With increasing awareness of sustainability and eco-consciousness, beauty blogs can focus on sustainable and clean beauty practices. Content related to eco-friendly products, ethical brands, and recycling beauty packaging can attract an environmentally conscious audience.

```

$(document).ready(function () {
    $('.nav-link.cato1[href="#tab1"]').click(function () {
        $('.tab-pane').addClass('active show');
        $('.row-cols-2').removeClass('row-cols-2');
        localStorage.setItem('viewAllClicked', true);
    });

    $('.nav-link.cato1: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 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');
    }
});
```

```
:input-field {
    position: relative;
    width: 100vh;
}

.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;
}

.nav-link.active.cato1 {
    border-bottom: 2px solid rgb(5, 1, 1);
}

.image-container {
    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(15, 90, 183, 0.1);
    max-height: 200px;
    overflow-y: auto;
}

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

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

HTML

```
<!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">
    <div class="container mt-5">
      <div class="row">
        <div class="col">
          <p id="title" class="fs-2"><strong>Beauty Icon's</strong></p>
          <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 class="col">
          <p class="fs-4">New product and latest in beauty industry</p>
        </div>
      </div>
    </div>
  </section>
  <section>
    <div class="container">
      <ul class="nav">
        <li class="nav-item">
          <a class="nav-link active cato1" data-bs-toggle="pill"
            href="#tab1">View all</a>
        </li>
        <li class="nav-item">
          <a class="nav-link cato1" data-bs-toggle="pill" href="#tab2">Makeup</a>
        </li>
        <li class="nav-item">
          <a class="nav-link cato1" data-bs-toggle="pill"
            href="#tab3">Haircare</a>
        </li>
        <li class="nav-item">
          <a class="nav-link cato1" data-bs-toggle="pill"
            href="#tab4">Skincare</a>
        </li>
        <li class="nav-item">
          <a class="nav-link cato1" data-bs-toggle="pill"
            href="#tab5">Nailcare</a>
        </li>
      </ul>
    </div>
  </section>
</body>
```

```
</ul>
</div>
<div class="container mt-5" 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;">A
Makeup kit eliminates the need to carry differnt cosmetics.....</p>
                            </div>
                        </div>
                    <h4 class="card-title mt-3" style="text-decoration: underline;">MAKEUP KIT</h4>
                    <p class="card-text">Makeup kits for beginners inculdes some
basic items that make it easy for a newbie to create any look hassle free.</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;">Eye
shadow is a cosmetic applied primarily to the eyelids to attract to the wearer's.
</p>
                    </div>
                </div>
            </div>
        </div>
    <h4 class="card-title mt-3" style="text-decoration: underline;">EYE SHADOWS MAKEUP</h4>
    <p class="card-text">Eyeshadow can also be applied under the
eyes, on the cheeks, or to brow bones</p>
```

```
        <a href="#" class="btn btn-primary" id="read-more-1">Read  
more</a>  
  
        </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;"></p>  
                            <p class="fs-6 caption-date" style="font-weight:bold;">The  
TRESemme kertain smooth system,with kertain suprremely smoothing system</p>  
                        </div>  
                    </div>  
                </div>  
                <h4 class="card-title mt-3" style="text-decoration:  
underline;"> TRESemme Serum</h4>  
                <p class="card-text">TRESemme kertain smooth hair serum helps  
you hair restore.</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;"></p>  
                    <p class="fs-6 caption-date"  
style="font-weight:bold;">Serums are like,easily absorbed oil-or water-based  
liquilds</p>  
                </div>  
            </div>  
        </div>
```

```
        <h4 class="card-title mt-3" style="text-decoration:  
underline;">SERUM</h4>  
            <p class="card-text">Serum is a haircare product you can apply  
to your hair after cleaning but before moisturizing</p>  
            <a href="#" class="btn btn-primary" id="read-more-1">Read  
more</a>  
  
        </div>  
    </div>  
    </div>  
    </div>  
  
</div>  
  
<div class="tab-pane" id="tab4">  
    <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;"></p>  
                        <p class="fs-6 caption-date" style="font-weight:bold;">A  
substance that helps protect the skin from the sun's harmful rays</p>  
                    </div>  
                </div>  
                <h4 class="card-title mt-3" style="text-decoration:  
underline;">SUN-CREAMS</h4>  
                <p class="card-text">Sunscreens protect the skin. They reduce  
the deleterious effects</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;"></p>
            <p class="fs-6 caption-date" style="font-weight:bold;">Applied daily, sunscreen can prevent new dark spots and patches</p>
        </div>
    </div>
    <h4 class="card-title mt-3" style="text-decoration:underline;">ACNE CONTROL CREAMS</h4>
    <p class="card-text">An Acne controls face cream is recommended for your skins as it....</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="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;"></p>
                            <p class="fs-6 caption-date" style="font-weight:bold;">Nail polishes base coats, top coats, nail hardeners nd nail treatment</p>
                        </div>
                    </div>
                    <h4 class="card-title mt-3" style="text-decoration:underline;"> NAIL POLISH</h4>
                    <p class="card-text">Nail polish should have proper viscosity wetting and flow properties</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;"></p>
            <p class="fs-6 caption-date" style="font-weight:bold;">Nail care tools are the artices used in any services</p>
    </div>
    </div>
    <h4 class="card-title mt-3" style="text-decoration:underline;">POLISH TOOLS</h4>
        <p class="card-text">Nails are typically drive into the workpiece by a hammer or nail gun.</p>
        <a href="#" class="btn btn-primary" id="read-more-1">Read more</a>
    </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>

</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">
                <div class="col-sm-12 col-md-6 text-center text-md-start mb-3">
                    <!-- Content for the left side of the footer -->
```

```
<p>&copy; 2023 Your Company. All rights reserved.</p>
</div>
<div class="col-sm-12 col-md-6 text-center text-md-end">
    <!-- Content for the right side of the footer -->
    <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>
</body>

</html>
```

Beauty Icon's

New product and latest in beauty industry

Search

[View all](#)

[Makeup](#)

[Haircare](#)

[Skincare](#)

[Nails care](#)

Search



MAKEUP KIT

Makeup kits for beginners includes some basic items that make it easy for a newbie to create any look hassle free.

EYE SHADOWS MAKEUP

Eyeshadow can also be applied under the eyes, on the cheeks, or to brow bones

Makeup kits for beginners includes some basic items that make it easy for a newbie to create any look hassle free.

[Read more](#)

Eyeshadow can also be applied under the eyes, on the cheeks, or to brow bones

[Read more](#)



Serums are like easily absorbed oil- or water-based liquids



TRESemme Serum

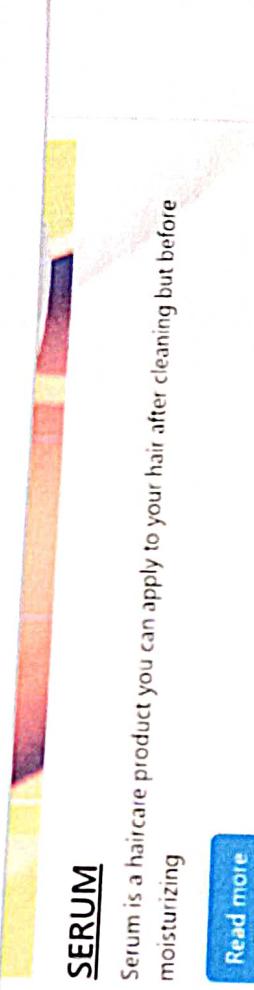
TRESemme certain smooth hair serum helps you hair restore/p>

[Read more](#)

SERUM

Serum is a haircare product you can apply to your hair after cleaning but before moisturizing

[Read more](#)



Applied daily, sunscreen can prevent new dark spots and patches



SUN-CREAMS

Sunscreens protect the skin. They reduce the deleterious effects

[Read more](#)

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An Acne controls face cream is recommended for your skins as it....

[Read more](#)





POLISH TOOLS

Nails are typically driven into the workpiece by a hammer or nail gun.

[Read more](#)



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Nail polish should have proper viscosity, wetting and flow properties.

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