project report

Building A Blog App
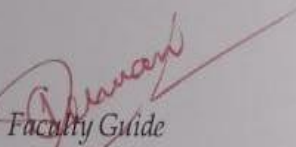
Official Certification
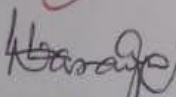
This is to certify that PAILA. SAILAJA BHAVANI _____ (Name of the student) Reg. No. 20388820005 2 __ has completed ~~his~~/her Internship in Smart Interz __ (Name of the Intern Organization) on Front-End web developer (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of ___ B.com (CA) ___ in the Department of Sri Vasavi degree college (Name of the College).
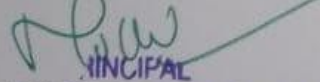
This is accepted for evaluation.

(Signatory with Date and Seal)

Endorsements

Faculty Guide

Head of the Department
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Sri Vasavi Degeree College
TADEPALLIGUDEM

Principal

SRI VASAVI DEGREE & PG COLLEGE
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ABSTRACT

The purpose of Online Blogging System is to automate the existing manual system by the help of computerized and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Online Blogging System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual system by the help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically, the project describes how to manage for good performance and better services for the clients.

It is also use for creating posting and viewing the others post, ideals, entries and blogs.

INTRODUCTION

The "Online Blogging System" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate, and in some cases reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need for the company to carry out operations in a smooth and effective manner. This application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus, by this all it proves it is user-friendly. By using this can lead to error free, secure, reliable and fast management system.

1.1   Overall Description:

The main aim of this application is to provide a hassle-free accessing of the posted blogs, entries, topics etc. It also used for posting the blogs, editing the blogs, deleting the posted blogs etc. It is also used for viewing and posting the others one9s blogs/posts.

Every organization, whether big or small, has challenges to overcome and managing the information of Idea, Blogs, Entries, Content, Views. Every Online Blogging System has different Blogs needs therefore we design exclusive employee management systems that are adapted to your managerial requirements. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources.

1.2 Purpose:

The main purpose of the Project on Online Blogging System is to manage the details of Blogs, Idea, Topic, Entries, Views. It manages all the information about Blogs, Content, Views, Blogs. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the Blogs, Idea, Content, Topic. It tracks all the details about the Topics, Entries, Views.

1.2.1 Functionalities provided by Online Blogging System are as follows:

- Provides the post viewing facility for everyone.

- Online Blogging System also manage the Content details online for Entries details, Views details, Blogs.

- It tracks all the information of Idea, Content, Entries etc.

- Manage the information of Idea.

- Shows the information and description of the Blogs, Topics.

- To increase efficiency of managing the Blogs, Topics.

- Manage the information of the Blogs.

- Editing, adding, posting and updating of Records.

1.3 Motivation and Scope:

The gist of the idea is to digitalize the process of manually driven ideas, topics and blog sharing among the user, small or big organizations as well as small forums And then to bake it into an web application to make it available for common people even to speed up process reducing further hassle and issues.

It may help collecting perfect management in details. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to Online Blogging System. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly.

1.3.1 Our project aims at Business process automation, i.e. we have tried to computerize various processes of Online Blogging System.

- To utilize resources in an efficient manner by increasing their productivity through automation.
- It satisfies the user requirement.
- Be easy to understand by the user and operator
- Be easy to operate.
- Have a good user interface
- Be expandable

- Delivered on schedule within the budget.

1.3.2 The proposed system has the following requirements:

- System needs store information about new entry of Blogs.

- System needs to help the internal staff to keep information of Idea and find them as per various queries.

- System needs to maintain quantity record.

- System need to update and delete the record.

- System also needs a search area.

- It also needs a security system to prevent data.

02. PROBLEM STATEMENT:

The old manual system was suffering from a series of drawbacks. Since whole of the system was to be maintained with hands the process of keeping, maintaining and retrieving the information was very tedious and lengthy. The records were never used to be in a systematic order. There used to be lots of difficulties in associating any particular transaction with a particular context. There would always be unnecessary consumption of time while entering records and retrieving records. One more problem was that it was very difficult to find errors while entering the records. Once the records were entered it was very difficult to update these records.

The reason behind it is that there is lot of information to be maintained and have to be kept in mind while running the business. For this reasons we have provided features Present

html

code

```
$(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');
    }
});
```

```javascript
function searchCards() {
    var searchValue = document.getElementByI
d("searchInput").value.toLowerCase();
    var cards = document.querySelectorAll("#ta
bContentContainer .card");

    cards.forEach(function (card) {
        var cardTitle = card.querySelector(".card-ti
tle").textContent.toLowerCase();
        if (cardTitle.includes(searchValue)) {
            card.style.display = "block";   // Show
the card
        } else {
            card.style.display = "none";    // Hide
the card
        }
    });
}

document.getElementById("search
Button").addEventListener("click",
searchCards);

var searchInput =
document.getElementById("searchInput");
searchInput.addEventListener("input", function
() {
    var searchValue = this.value.toLowerCase();
    var suggestionsList = document.getElement
ById("searchSuggestions");
    suggestionsList.innerHTML = "";   // Clear
previous search suggestions
```

```javascript
    if (searchValue.length === 0) {
        suggestionsList.style.display = "none";  //
Hide suggestions when the input is empty
        return;
    }

    var cards = document.querySelectorAll("#ta
bContentContainer .card");

    cards.forEach(function (card) {
        var cardTitle = card.querySelector(".card-ti
tle").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(suggesti
onItem);
        }
    });
```

```javascript
    if (suggestionsList.childElementCount > 0) {
        suggestionsList.style.display =
"block";  // Show suggestions if there are any
```

```javascript
} else {
        suggestionsList.style.display =
"none";   // Hide suggestions if there are none
   }
});

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


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


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

```javascript
      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');
   }
});
```

CONCLUSION

The Blog App is a straightforward web application built with Flask, providing users with a platform to create and read blog posts. Its simplicity makes it an excellent starting point for learning web development with Flask and can be extended to add more features like user authentication, comments, and search functionality. Remember to follow best practices for production deployment and security when making the app publicly accessible.