

Synopsis
On
ONLINE BLOGGING SYSTEM

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ABSTRACT

The purpose of Online Blogging System is to automate the existing manual system by the help of computerized equipment's 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 basically the project describes how to manage for good performance and better services for the clients.

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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 need of the company to carry out operations in a smooth and effective manner.

The 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. 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.

Every organization, whether big or small, has challenges to overcome and managing the information of Comment, Blogs, New Blog, Comment, Technology Blog. 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 the right level of information and details for your future goals. Also, for those busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, always. These systems will ultimately allow you to better manage resources.

Literature Review

Existing System

Existing System is manual system. It requires a lot of file work to be done. It is a time-consuming system. All customer information is maintained manually. Any Searching requires so much effort manually. There is no way of spreading the information so fast and in cheapest manner. Here people can write whatever they want to write.

Proposed System

In Proposed System, we are maintaining all the basic features required in online blogging system.

Features of User Module:

- VIEW LATEST BLOG POST OF OTHER USERS
- ADD BLOG POST
- LIKE AND COMMENT ON POST
- REGISTRATION, LOGIN AND EDIT PROFILE

The interface should be user friendly. Even a common man should be able to understand the interface.

Feasibility Study

The system is developed using react, node as the main development language due to its flexibility and MongoDB is chosen to be the DBMS of the system due to most compatible with node language.

Project Objective

The main objective of the Project on Online Blogging System is to manage the details of Blogs, Comment, New Category, New Blog. Technology Blog. It manages all the information about Blogs, Comment, Technology Blog, Blogs. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Blogs, Comment, New Category. It tracks all the details about the New Category, New Technology Blog.

Functionalities provided by Online Blogging System are as follows:

- Provides the searching facilities based on various factors. Such as Blogs, New Category Blog, Technology Blog.
- Online Blogging System also manage the Comment details online for New Blog details, Technology Blog details, Blogs.
- It tracks Manage & all the information of Comment New Blog etc.
- Shows the information and description of the Blogs, New Category
- To increase efficiency of managing the Blogs, Comment
- It deals with monitoring the information and transactions of New Blog
- Editing, adding and updating of Records is improved which results in proper resource management of Blogs data.
- Manage the information of New Blog
- Integration of all records of Technology Blog

Scope of the Online Blogging System:

It may help collecting perfect management in detail. 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.

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

- In computer system the person must fill the various forms & number of copies of the forms can be easily generated at a time.
- it is not necessary to create the manifest, but we can directly print it, which saves our time.
- To assist the staff in capturing the effort spent on their respective working areas.
- To utilize resources in an efficient manner by increasing their productivity through automation.
- The system generates types of information that can be used for various purposes.
- It satisfies the user requirement.
- Be easy to understand by the user and operator.
- Have a good user interface.
- Be expandable.
- Delivered on schedule within the budget.

Reports

- It generates the report on Blogs, Comment.
- Provide filter reports on New Category, New Blog, Technology Blog
- Application also provides excel export for Comment, New Category, Technology Blog.
- You can also export the report into csv format for Blogs, Comment, Technology Blog.

Modules of Online Blogging System:

- Blogs Management Module: Used for managing the Blogs details.
- Technology Blog Module: Used for managing the details of Technology Blog.
- Comment Management Module: Used for managing the information and details of the Comment.
- New Category Module: Used for managing the New Category details.
- New Blog Module: Used for managing the New Blog information.
- Login Module: Used for managing the login details.
- Users Module: Used for managing the users of the system.

Input Data & Validation of Online Blogging System:

- All the fields such as Blogs, New Category, Technology Blog are validated and does not take invalid values.
- Each form for Blogs, Comment, Comment cannot accept blank value fields.
- Avoiding errors in data
- Controlling amount of input
- Integration of all the modules/forms in the system.
- Preparation of the test cases.
- Preparation of the possible test data with all the validation checks.

- Actual testing done manually.
- Recording of all the reproduced errors
- Modifications done for the errors found during testing.
- Functionality of the entire module/forms
- Validations for user input.
- Checking of the Coding standards to be maintained during coding.
- Testing the module with all the possible test data.
- Testing of the functionality involving all type of calculations etc.
- Commenting standard in the source files.

Features of Online Blogging System:

- Product and Component based.
- Creating & Changing Issues at ease.
- Query Issue List to any depth
- Reporting & charting in more comprehensive way
- User Accounts to control the access and maintain security.
- Simple Status & Resolutions
- Multi-level Priorities & Severities
- Targets & Milestones for guiding the programmers.
- Attachments & Additional Comments for more information
- It contains better storage capacity.
- Accuracy in work.
- Well-designed reports.
- Easy & fast retrieval of information.
- Decrease the load of the person involve in existing manual system.
- Easy to update information.
- Work becomes very speedy.
- Access of any information individually.

Project Outcome

Our project is only a humble venture to satisfy the needs to manage their project work. Several user-friendly coding has also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a framework that enables the manager to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

We have made effort on following point:

- A description of the background and context of the project and its relation to work already done in the area.
- Made statement of the aims and objectives of the project.
- The description of Purpose, Scope, and applicability
- We define the problem on which we are working in the project.
- We describe the requirement Specifications of the system and the actions that can be done on these things.
- We understand the problem domain and produce a model of the system, which describes operations that can be performed on the system.
- We included features and operations in detail, including screen layouts.
- We designed user interface and security issues related to system.
- Finally, the system is implemented and tested according to test cases.

Proposed Time Duration



Project Task



References

- The Road to React by Robin Wieruch
- Beginning Nodejs, Express & MongoDB Development by Greg Lim
- <https://react.dev/>
- <https://www.mongodb.com/docs/atlas/>