**SYNOPSIS**

**Report**

**on**

**E-Commerce Website Project**

**by**

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**ABSTRACT**

The purpose of Online E-commerce Website is to automate the existing

manual system by the help of computerized and full equipment’s -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.

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.

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**INTRODUCTION**

The "Online E-commerce Website" has been developed to override the

problems prevailing in the practicing manual system. This website is

supported to eliminate and in some cases reduce the hardships faced by

this existing system.

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 E-commerce Website, 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.

**PROJECT/RESEARCH OBJECTIVE**

The main objective of the Project on Online E-commerce Website is to

manage the details of Clothes, Item Category, Shopping Cart, Customer,

Order. It manages all the information about Selected Item, Delivery Address,

Order. 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

Clothes, Item Category, Delivery Address, and Shopping Cart. It tracks all

the details about the Shopping Cart, Customer, Order.

**Modules of Online E-commerce System**

• Management Module: Used for managing the Food, Clothes etc. details.

• Order Module: Used for managing the details of Order

• Delivery Address Module: Used for managing the details of Delivery

Address

• Item Category Management Module: Used for managing the information

and details of the Item Category.

• Shopping Cart Module: Used for managing the Shopping Cart details

• Customer Module: Used for managing the Customer information

• Login Module: Used for managing the login details

• Users Module: Used for managing the users of the system.

**RESEARCH METHODOLOGY**

Research methodology is an essential part of any research project. It provides a systematic approach to conduct research and helps in answering research questions or testing hypotheses. In the case of the “Online E-commerce Website,” a suitable research methodology can be adopted to ensure the success of the project.

To write a research methodology for the “Online E-commerce Website,” you can consider the following steps:

* **Define the Research Questions**: Clearly define the research questions that you want to address through your study. These questions should be specific, measurable, achievable, relevant, and time-bound (SMART).
* **Review Existing Literature**: Conduct a thorough review of existing literature related to e-commerce websites, online management systems, and similar topics. This will help you understand the current state of knowledge in the field and identify any research gaps.
* **Choose a Research Design**: Select an appropriate research design based on your research questions and objectives. Common research designs for e-commerce projects include experimental research, survey research, qualitative research, quantitative research, and mixed methods research.
* **Define the Sample**: Determine the sample size and sampling technique for your study. The sample should be representative of the target population and provide reliable data for analysis.
* **Data Collection**: Decide on the data collection methods and tools that you will use to gather information for your study. This may include surveys, interviews, observations, or analysis of existing data.
* **Data Analysis**: Outline the data analysis techniques that you will employ to analyze the collected data. This may involve statistical analysis, content analysis, thematic analysis, or other relevant methods.
* **Ethical Considerations**: Address any ethical considerations associated with your research, such as obtaining informed consent from participants, ensuring data privacy and confidentiality, and following ethical guidelines.
* **Validity and Reliability**: Discuss how you will ensure the validity and reliability of your research findings. This may involve using standardized measurement tools, conducting pilot studies, or employing other quality assurance measures.
* **Limitations**: Acknowledge any limitations or constraints that may impact your study’s findings or generalizability. This could include factors such as time constraints, resource limitations, or potential biases.
* **Timeline and Budget**: Develop a timeline and budget for your research project. This will help you manage your time effectively and allocate resources efficiently.

Remember that this is just a general outline for writing a research methodology. The specific details may vary depending on the nature of your study and its objectives.

**PROJECT/RESEARCH OUTCOME & PROPOSED TIME**

The “Online E-commerce Website” aims to address the problems associated with the existing manual system. By developing this website, the project seeks to eliminate or reduce the hardships faced by users of the current system. The application has been designed to minimize errors during data entry and provide error messages for invalid data. It is user-friendly and does not require formal knowledge to operate. The website offers an error-free, secure, reliable, and fast management system. It allows users to focus on their activities rather than record-keeping.

## PROPOSED TIME

The proposed time for the completion of the “Online E-commerce Website” project will depend on various factors such as the scope of work, available resources, and team expertise. It is essential to create a realistic timeline to ensure efficient project management. Consider the following steps when defining the proposed time:

* **Project Planning**: Allocate sufficient time for project planning, including defining objectives, identifying deliverables, and creating a work breakdown structure.
* **Development**: Estimate the time required for website development, including front-end and back-end development, database design, and integration of necessary features.
* **Testing and Quality Assurance**: Allow time for testing the website’s functionality, performance, security, and user experience. This includes identifying and fixing any bugs or issues that may arise during testing.
* **Deployment**: Consider the time required for deploying the website on a production server or hosting platform. This may involve configuring servers, setting up databases, and ensuring proper security measures.
* **Training and Documentation**: Allocate time for training users on how to use the website effectively. Additionally, create documentation that outlines the website’s features, functionalities, and troubleshooting steps.
* **Review and Feedback**: Set aside time for reviewing the website with stakeholders and incorporating their feedback into the final product.
* **Maintenance and Support**: Consider ongoing maintenance and support requirements after the website is deployed. This may include regular updates, bug fixes, security patches, and user support.

It is important to note that the proposed time may vary depending on project-specific factors. It is recommended to consult with your team members or project stakeholders to determine a realistic timeline for your “Online E-commerce Website” project.

**REFERENCES**

* Use of Stackoverflow for coding related questions.
* Google for problem solving.
* Some use of chatGPT when stuck at situation.
* Database Programming with MySQL.