Online E-commerce System

MINOR PROJECT SYNOPSIS

BACHELOR OF TECHNOLOGY

Information Technology

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1 Introduction

The "Online E-commerce 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 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 E-commerce 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 Item Category, Men, Woman, Child, Delivery Address, Order. Every Online E-commerce System has different Food 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, at all times. These systems will ultimately allow you to better manage resources.

2 Objectives

1. Online E-commerce System also manage the Delivery Address details online for Customer details, Order details, Clothes.

2. To increase efficiency of managing the Clothes, Item Category.

3. Shows the information and description of the Clothes, Shopping Cart.

3   Feasibility Study

After doing the project Online E-commerce System, study and analyzing all the existing or required functionalities of the system, the next task is to do the feasibility study for the project. All projects are feasible - given unlimited resources and infinite time. Feasibility study includes consideration of all the possible ways to provide a solution to the given problem. The proposed solution should satisfy all the user requirements and should be flexible enough so that future changes can be easily done based on the future upcoming requirements.
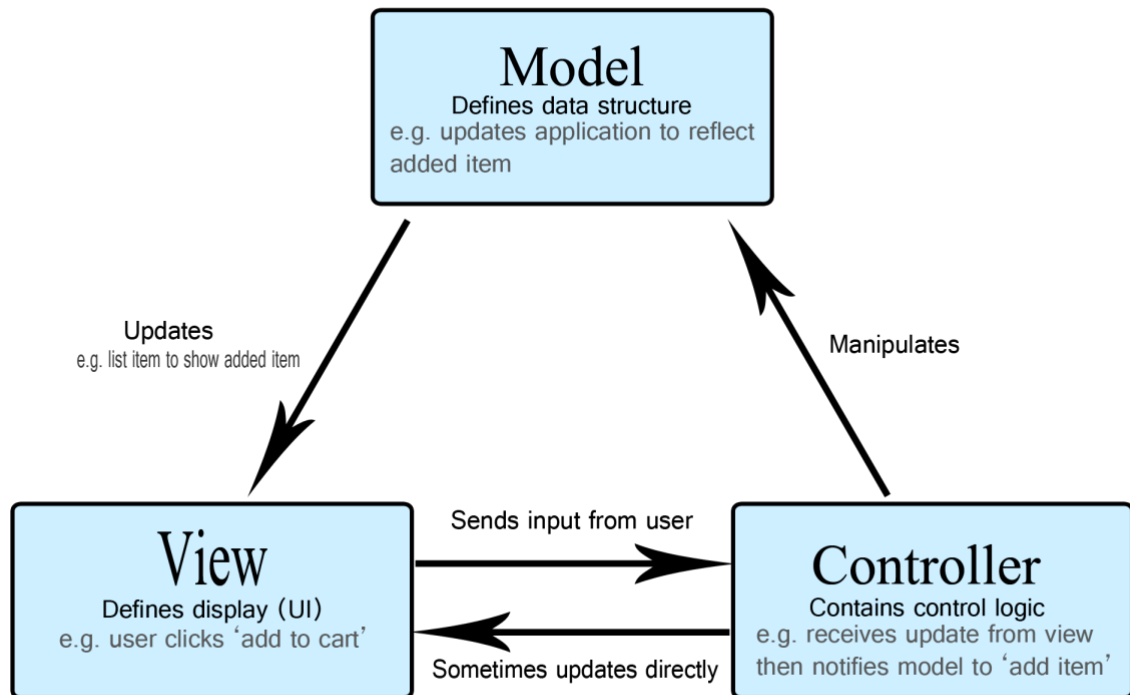
Economical Feasibility: This is a very important aspect to be considered while developing a project. We decided the technology based on minimum possible cost factor.

· All hardware and software cost has to be borne by the organization.
· Overall we have estimated that the benefits the organization is going to receive from the proposed system will surely overcome the initial costs and the later on running cost for system.

Technical Feasibility: This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system. For this feasibility study, we studied complete functionality to be provided in the system, as described in the System Requirement Specification (SRS), and checked if everything was possible using different type of frontend and backend platforms.

Operational Feasibility: No doubt the proposed system is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even to a layman. Besides, a proper training has been conducted to let know the essence of the system to the users so that they feel comfortable with new system. As far our study is concerned the clients are comfortable and happy as the system has cut down their loads and doing.

4 Methodology

5 Facilities required for proposed work

5.1 Software Requirement

Operating system: Windows XP , Windows 7,8,8.1,10 Linux

Language: HTML, CSS, React.Js, Node.Js.

Database: Mongoose

Browser: Any of Mozilla, Opera. Chrome etc.

5.2 Hardware Requirement

Processor: Pentium III 630MHz

RAM: 2 GB

Hard disk: 20 GB

15 color monitor

6 References

References

[1] Geeks for geeks (www.geeksforgeeks.com).

[2] Javatpoint (JavaTpoint.com).

[3] React-Bootstrap (www.reactbootstrap.com).