

Full stack Project-II

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On

“Shopping Web Myshop.com”

MID-TERM REPORT



Institute of Engineering & Technology

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Full Stack-II Synopsis

B. Tech 3rd year

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Introduction:

In today's technology everything goes online from tip of pencil to all things that are present everywhere around us. Generally we purchase all thing from available online shops like Amazon, flipchart etc. This web application gives ease access to all customer and owner of shop. In other websites, customers does not know that where the product comes. Here all customers are able to know the details of retailer like location, shop name etc.

This is e-commerce plate for buying and selling the product at own their cost and also customer may give the reviews to the products so, that shop owner make thing good as possible. Everyone wants the business online even small shop. Shop owner register here with their credentials and make account for shop. He uploads the product and share the shop name and location also. Now, when customers comes to online store and see different products as per requirement, he made purchased from particular shop.

Problem Statement

The online store web application sets up a dashboard for shop owner so that he makes their shop like offline method Also, customers can easily track their location. This system also provides a review system in which user can rate the purchased items.

The proposed is beneficial for those people who make their shop online and grow business in short of time. The payment method is cash on delivery which makes sense for customer who hesitate by sharing their bank details to anyone.

Existing system:

There are some problems with the existing system that discussed below.

Table 1.1

Existing system	Prep4Exam
Require high speed internet due page reload again.	Require slow internet connection and less require page reload.
Difficulty face in purchase product.	Easily product can be purchased.
Does not know the location of product from where it comes	May Know the detail like address.
After getting product problems cannot be listen properly	These can be possible here by knowing the details.

Objective:

The problem discussed above is only reason to developing this kind of application. “Myshop.com” gives better user experience for customers and shop owner.

1. Easy to use and portable.
2. Single page Application & easily accessible.
3. Require slow internet connection.
4. Attracting dashboard with fully responsiveness.
5. Product easily purchased.

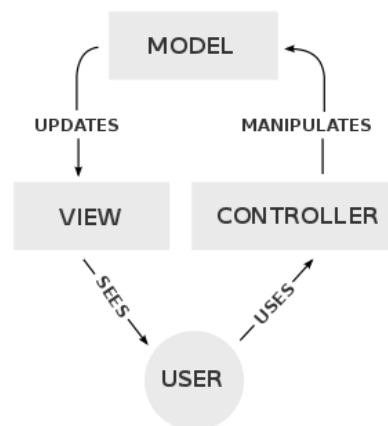
Methodology:

It outlines how data will be collected and tools for collecting data. Model view controller (MVC) is software design for developing web applications. It consists three parts like

1. **Model** -The lowest level of the pattern which is responsible for maintaining data.
2. **View**-It is responsible for displaying all or a portion of the data to the user.
3. **Controller**-Software code that controls the interaction between model and view.

Working:

MVC isolates the application logic from the user interface layer and supports separation of concern. Here controller receives all requests for the application and then work with model to prepare any data needed by the view. The view then uses the data prepared by the controller to generate a final presentable response. It can be understood with the following diagram.



Planning:

This project is divided into four modules. Which are as follows?

1. **Authentication:** In this module, user can make their account on shopping platform. So that every information can be monitored.

2.Shopping owner Dashboard: From here authenticated user may create the shop and add item into his/her shop like traditional shop owner put their products.

3.Search Dashboard: From here everyone can search his/her product as per requirement.

4.Buyer Dashboard: This dashboard is intensely made for the buyer so that he can easily monitor his activities.

5. Contact Page: Anyone contact from here to shop owner on requirement.

Hardware requirement:

1. Pc with at least 8GB RAM
2. i5 processor or upgraded

Software requirement:

1. Vs code IDE
2. Git Repository
3. Express, React Js ,JavaScript, Html5, React-Bootstrap

Database:

MongoDB

References:

<https://expressjs.com/en/guide/routing.html>

<https://expressjs.com/en/4x/api.html>

<https://nodejs.org/docs/latest-v13.x/api/http.html>

<https://www.npmjs.com/package/react-popover>

<https://react-bootstrap.github.io/components/alerts/>

