A minor Project Proposal Report on

Online Book Shopping Website

Submitted in Partial Fulfillment of the Requirement for

The Degree of Bachelor in IT Engineering

Under Pokhara University

Submitted by:
Rinku Deuja(181450)
Simran Tamrakar(181444)
Aashutosh Bista(181501)
Rabin Gurung(181426)

Under the Supervision of: Roshan Chitrakar

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Department of IT Engineering

NEPAL COLLEGE OF

INFORMATION TECHNOLOGY

Balkumari, Lalitpur, Nepal

Abstract

This project is based on online e-commerce whose primary goal is to sell goods and services online. This site is basically an online e-commerce website which is accessible to everyone for online book shopping using the internet. The customer can browse through different books, select the ones they want and purchase in physical form.

The main objective of this site is to help people to save time and find their choice of books at a reasonable price along with home delivery facilities.

The business-to-consumer aspect of electronic commerce (e-commerce) is the most visible business use of the World Wide Web. This project is proposed with the objective to develop a basic website where consumers are provided with a shopping cart application. The site is focused on serving the customers through a convenient purchase process and facilities.

In order to develop an e-commerce website, a number of Technologies must be studied, understood and implemented. These include multi-tiered architecture, server and client side scripting techniques, implementation technologies such as PHP, marked-up language HTML, relational database MySQL.

Keywords: PHP, MySQL, HTML

Contents

Introduction

This Project "Notra" is a user interactive and delivery based website where orders can be placed and payment can be done shortly after getting all required details. A user visiting the website can browse through a wide range of books in different categories. The user may select the desired book, view price and book descriptions. The user may even search for specific books on the website. Once the user selects a book, he/she then has to fill in a form and the book is reserved for the user.

The objective of this project is to develop a user-friendly online e-commerce book store where books can be bought from anywhere through the internet. It is mainly focused on providing good and quality books with easy delivery and payment facilities to the user.

This Website is built using HTML documents, JavaScript as well as PHP. This project architecture's based on the Client/Server model where the client sends requests to the web server. The request is then transferred to the database server (MySQL). The results are then sent back to the web browser on the client side after the database server processes the requests of the clients.

a. Problem Statement

Online shopping is prominent and popular among people at present times since it is easier and more convenient. There are lots of e-commerce online shopping platforms which are available in mobile application as well as web form. They are providing the best facilities they can to the customers but still problems like late delivery of products, additional charges, only specific digital payment facilities, lack of return facilities, quality of products, etc. are seen.

The main idea of this project arises from the problems that we face during online shopping. Instead of visiting the bookshop and library physically to get the books they want, a customer can easily get them with a click. We also want to learn and gain knowledge on different technologies that are involved to develop e-commerce online shopping sites. We want to develop a user -friendly online book shopping website with online transactions using a database.

b.Project Objectives

The Online Book Store Project provides customers with online shopping facilities through web browsers. A customer can register, login into his/her account, view product details and buy what they like. The Administrator will have additional functionality when compared to common users. He can add, delete and update author, publisher, book details and member information and also confirm the placed order.

Some of the objectives of this project are:

- To build an online book shopping platform.
- Provide an easy and convenient shopping experience to users.
- Promote goods and services.

c.Scope and Limitation

Online e-commerce shopping sites are becoming one of the major platforms for both users and for marketing business where users find the products of their choice and the companies can sell their goods and products through the internet. Online shopping has made marketing fields diverse and also makes people's lives easier. The benefits of online shopping is that by having direct access to the internet, consumers can have immediate access to the products offered by the product store online. Users can experience better navigation facilities. Our project identifies and helps to fulfill the needs of customers and helps to provide a better platform for the companies to put out their goods and services. So our project makes use of digital technology for managing, tracking, reporting and analyzing Internet Marketing as user activity and information flow changes with time on the internet. Both customers and suppliers can use our platform which is available in web form according to their needs.

Since our website can be browsed in a web browser and accessed through the internet, mobile applications are not supported and it cannot be accessed if the internet is not available.

Literature Review

Online e-commerce system is the best platform for any business to promote and provide services to the large users. There is large number of mushrooming online shopping sites in Nepal. The main goal of these e-commerce system is to provide effective and efficient services and goods to the people. As we study on those e-book systems in Nepal, we have found that there are lots of e-book store, sites and app that has been developed by people in Nepal. Some of them are Ekta Books, Ratna stores, Books Mandala, WeRead. Those sites and app are providing their services like order and buy books, provide free pdf books, paid digital books, online transaction system and many more to all users.

Methodology

The framework we will be using for developing this project is the Waterfall model. Different phases in this model are:

- Requirement Analysis

During the analysis phase, we discussed what approach should be included in our system in order to proceed the development of the project. All the team members had been assigned with certain tasks and time in which they had to fulfill their duties and then report to the team.

- System design

.In this process we design the frontend and as well as backend to make it responsive and attractive. After getting a clear design of the outer appearance of the website, further details like information about user cards, login details, purchase information etc.

- Coding

For this we needed to choose a suitable programming language that would be able to fulfill the responsibilities and functionalities that were discovered during the analysis and design phase. We proceeded to code with PHP, HTML, adding the designs with Bootstrap and CSS and created a database with Xampp MySQL.

- Testing

Once the coding was done, we entered some information in the system in order to check whether the database was working properly or not and also checked if the system was working as per our requirements or not. Once the testing was done, it became ready for deployment.

- Deployment

After making sure that the system works efficiently, it will be released into the real world environment.

- Maintenance

    If any technical difficulties were to show up after the release of the website, we will try to check for the errors or try to solve technical problems and try to provide an efficient solution.

Task Done So Far

After requirement analysis and system design of the project called 'Notra' which is online e-commerce booking shopping site the work done by done so far are listed below:

- Login form

  The users can login to the site with the password and username they have if they are already signed up. After login they can buy the book items they like.

- Signup form

  If the user is new to the site they have to fill up the signup form for accessing the services that site provides.

- Home page

  Home page which is also called landing page where users land first after they login or signup.

- About us page

  The users can know information about the Notra.

- Category page

  The user can find books based on different categories and they can add to their cart. They can find the book they are looking for easily based on category.

- Transaction page

  Users can check their cart which consists of book items they have added to their cart. Select the mode of payment for checkout.
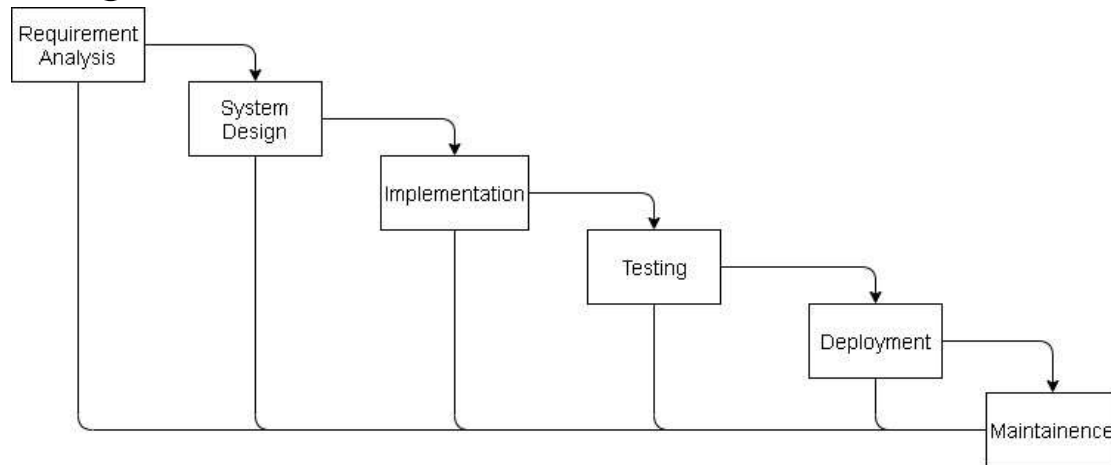
Result and Discussion

1. Availability on different platforms: It is a responsive online e-commerce website the users can access to this website from any device like mobile, tab, computers connected to internet through chrome. Hence it will be easier for customers to interact with the website.

2. Quality of Books: The original published books are only available with book information.

3. Easier payment system: The payment system is of two types. The customer can have the choice of either cash in hand payment system or online payment system which makes it easier for customers to purchase the books.

4. User friendly: Simple and easily understandable interfaces are used so that it will be easier for people to use the website.

5. Category of books: Books are stored in the website based on different categories which gives the customer a variety of books to explore. Customers can select the books from category by selecting types of category directly which helps to save time and find books faster.
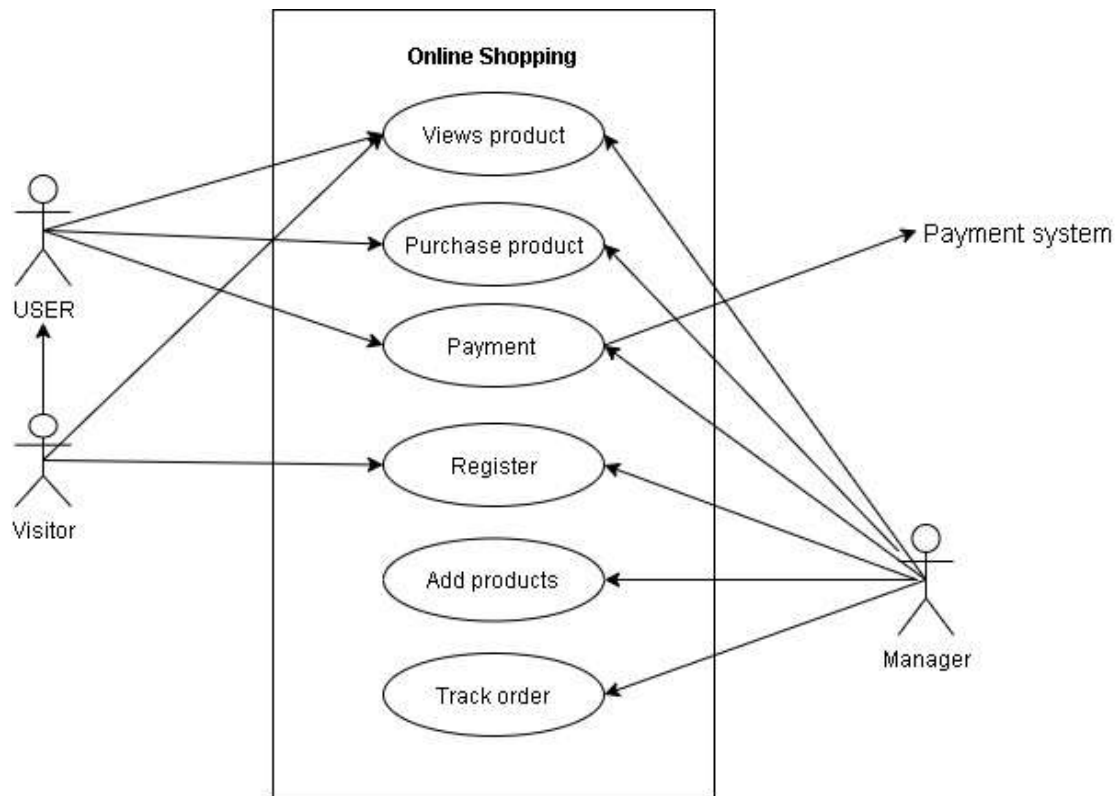
Future Works

Following are the list of tasks remaining to do:

- Searching book functionality

- Admin page

- Testing

- Documentation

- Connect with API for automatic system and more source

- Reward points
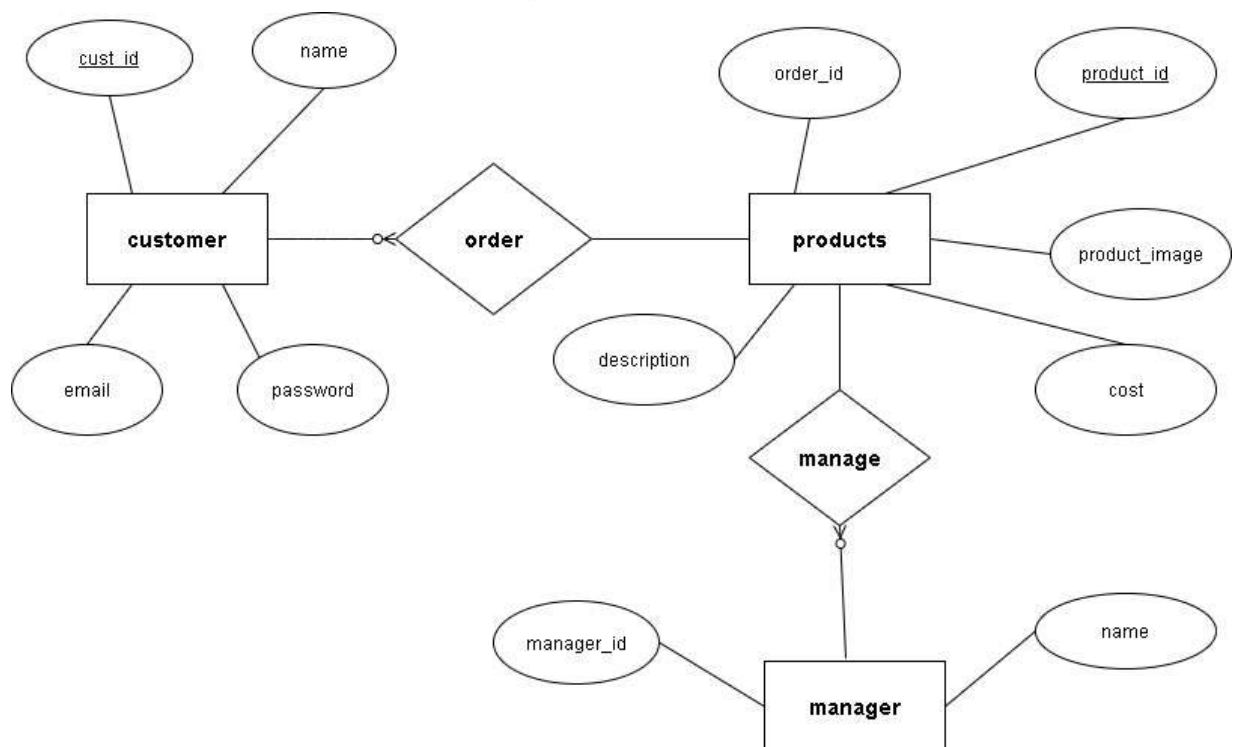
- Storing e-money to buy books
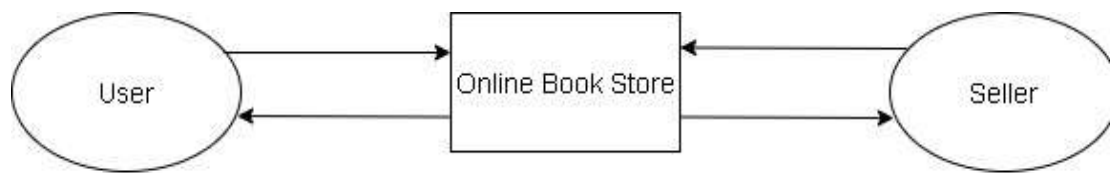
- Demo shows of books
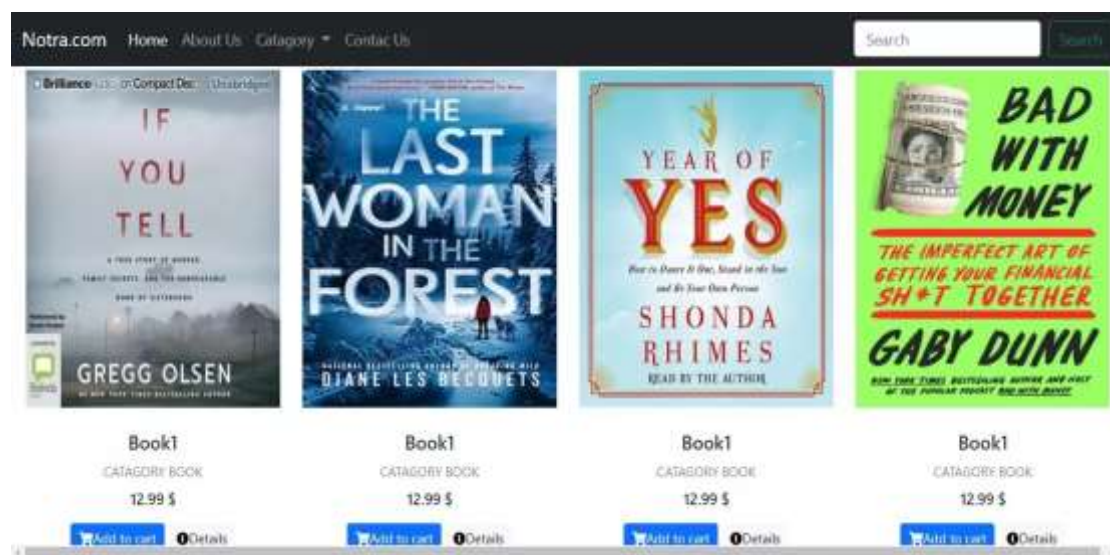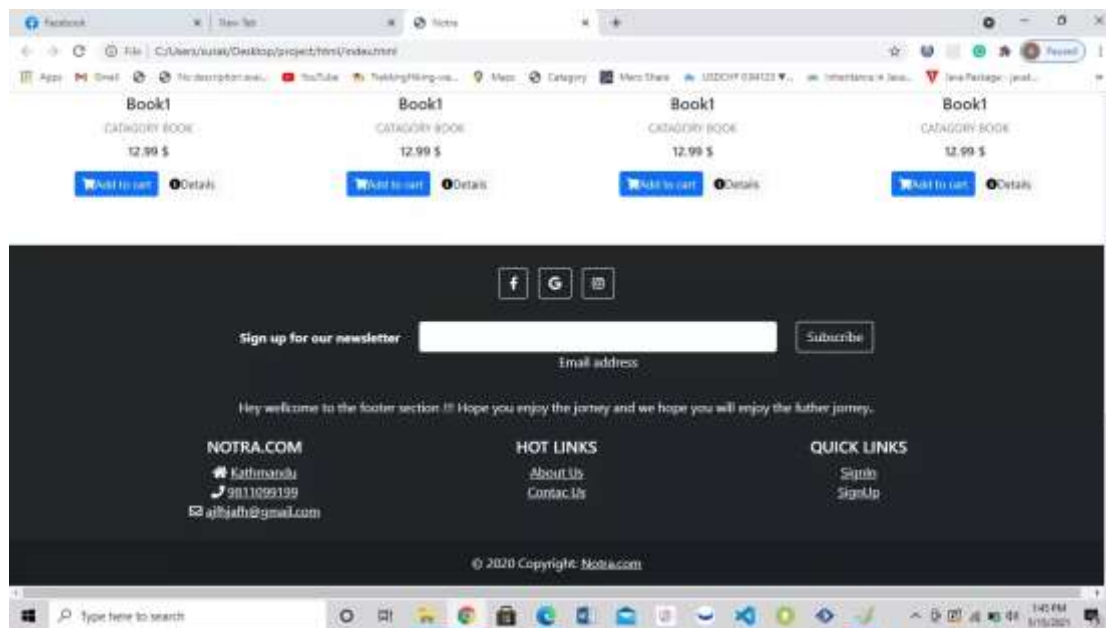
Diagram

Water fall model

Use case Diagram

E-R Diagram of simple online shopping site

Context flow diagram

Proposed Deliverable/Output

Project Task and Time Schedule

Requirement Analysis	███	███								
System Design	███	███	███							
Coding	███	███	███	███	███					
Testing										
Deployment										
Maintenance										
Documentation										
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10

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