Kathmandu University

Department of Computer Science and Engineering

Dhulikhel, Kavre

A Project Report

On

"KinMail.com.np"

[Code No: ENGG 102]

(For partial fulfillment of First Year/Second Semester in Computer Engineering)

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Bonafide Certificate

This project work on
"Kinmail.com.np"

is the bonafide work of

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who carried out the project work under my supervision.

Project Supervisor

Dr,Gajendra Shrama
Professor

Acknowledgement

We would like to express our appreciation to all those who provided us the possibility to complete the project. We also would like to express our gratitude to our project coordinator, Mr. Samir Tamrakar, whose contribution has been invaluable to our project.

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Abstract

The 'Kinmail.com.np' website is inspired from today's craze of people towards internet but it also takes some features from other websites like daraz,amazon,hamrobazar . The website is based on buying and selling different products from customer to customer from different parts of the world.

The website is made using HTML,CSS,Bootstrap,JS,Jquery for frontend design(interface that the user communicates with on a webpage) and PHP, MySQL for backend design(the code that manages database and server).

The project was successfully carried out meeting all its objectives.

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Acronyms/Abbreviations

PHP   Hypertext Preprocessor

HTML   Hypertext Markup Language

CSS   Cascading Style sheet

SQL   Structured Query Language

Chapter 1: Introduction

1.1) Background:

The"Kinmail.com.np" website is a project that provides a platform for a internet user to buy and sell items to other users on the internet. Based mainly on the website eBay which is extensively famous for its customer to customer (C2C) service, 'Kinmail.com.np' has been remodeled from this website farther with consideration from the websites including Amazon and Hamrobazar.

The 'Kinmail.com.np' website aims to create an user friendly interface for users to buy and sell goods online as it uses elements that are necessary for a C2C website. The website also uses recommendation system and customized user profile allowing people to make changes in the items they buy and would be interested to buy.

1.2) Objectives:

This website was made with the following objectives in mind:
- To provide a user friendly experience to customers.
- To combine the concept of online shopping and C2C e-commerce websites in a single website.
- To learn the different components of HTML, CSS, Javascript, Php and MySQL.
- To familiarize oneself with the teamwork and modular project building.
- To familiarize ourselves with building a website from scratch.

1.3) Motivation and significance:

The online market is flooded with the availability of online stores including a third party involved either in the case of storage or in the case of delivery/distribution, which normally includes a huge amount of money being expensed in the both

shipping and extra charges.So to overcome such concepts we have decided to make a customers to customers transactions based online system where the buyers and sellers make a reasonable discussion of the product involved to make a deal among themselves.With the partial fulfillment of the semester wise project, a need for the study of database and some designing was a must, and what better a way to study all those than to design a functional website.Current online websites involves a third party with the charges of shipping involving many extra charges which is completely reduced in our website, also reducing the over prince hike in the normal products.

Chapter 2: Related Works

With humanity progressing day by day, the burden on the individual is also on a continuous rise. Many people are disheartened when they find that their scheduling and time management often fall short of expectation. To make attempts at solving this problem, many programs and applications related to date and time management were created in the recent years. The more popular examples include:

1.	**Hamro bazar**- Hamrobazar.com is free online classified which enables individuals as well as companies to list wide variety of new or used product online. Customer and the seller can determine when and where to meet, check product and make payment. No hidden costs or extra fees included. This site is user interactive and every product are sorted in different categories so that user can access his/her required item easily. We can easily upload our items that need to be sold and anyone interested can buy that products.
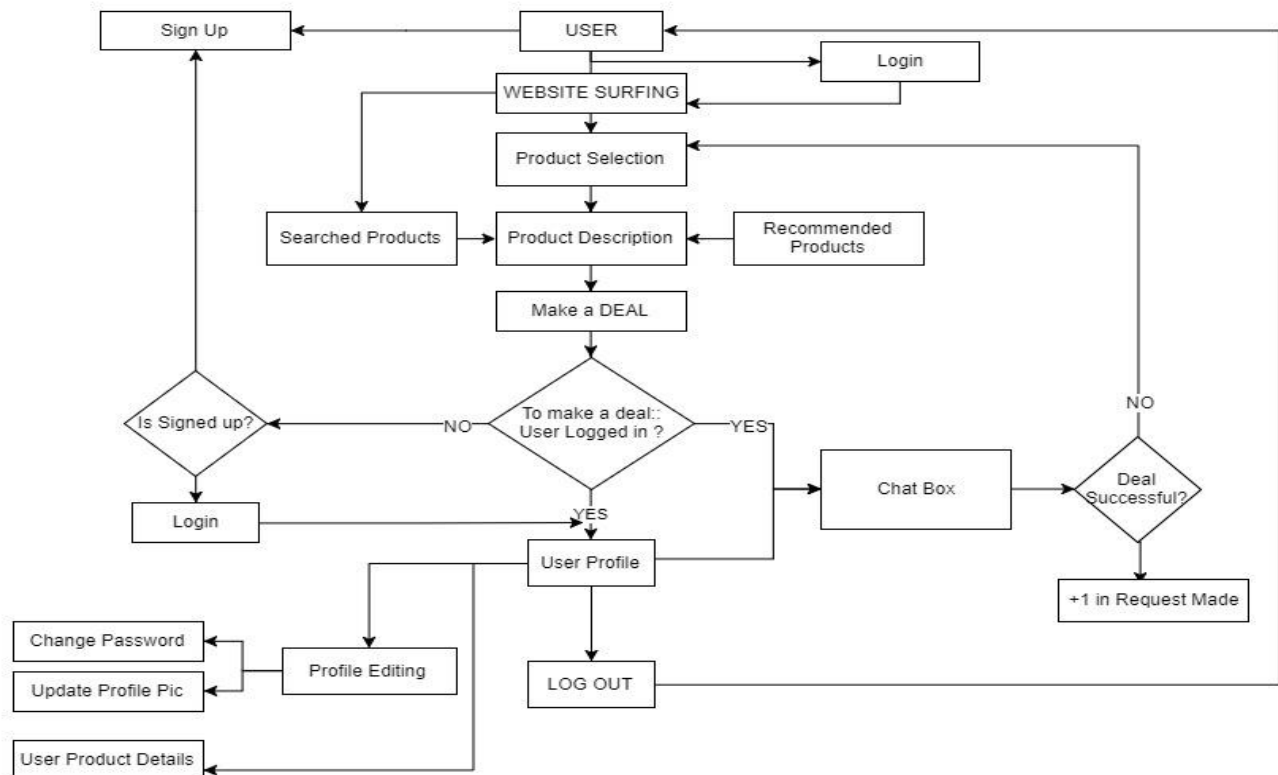
2. **Daraz**- Daraz.com.np offers you a shopping experience that is unparalleled in Nepal. It brings sellers from different locations from across diverse product ranges and buyers from all over Nepal, together, in a unique digital marketplace. Their wide assortment in consumer electronics, fashion and beauty, home décor, sports and entertainment and other product ranges makes us an exclusive one stop shop for easy

buying. Customers can view product details and images to choose the right product, at the convenience of only a few clicks. And customers can pay cash on delivery.

Chapter 3: Design and Implementation

System Diagram:

3.1. System Requirement Specification

3.1.1. Software Specification

3.1.1.1. Front End Tools

1. CSS:

CSS is used to design the user interface for the website. Bootstrap was used for responsive design**.**

2. JavaScript:

JavaScript is used to add interaction to the user experience and enhance the design with animations and interactivity.

3.1.1.2. Back End Tools

1. PHP:

This project uses PHP for server-side scripting. PHP is used to extract information from the database and present it to the users. It also handles the authorization and security processes.

2. MySQL:

MySQL is used as the Database Management System for this project. It will be used to store the user information, the budgetary information and other data to be accessed by PHP.

3.1.2. Hardware Specification
- A good conditioned laptop or a smartphone with internet access.

Chapter 4: Discussion on the Achievements

The group members had a challenging time in implementing the web based systems because of the inexperience in the field. Despite the challenges, we made a significant progress along the way by studying and diving into the field of web development. The errors in the code took a long time to debug. The website still may be lagging some features. Regardless, the end result of the invested time is a website with most of the required features for an e-commerce website.

Features:

- Buying and selling products between customers.
- A system for chat between customers to negotiate prices of the products.
- System to accept and delete requests for products in the user profile.
- Allows customers to make an account and register their own products.
- Allows customers to make deal for products upon interest.
- Personal online login system.
- Recommendation system and search for products.

Chapter 5: Conclusion and Recommendation

The project concluded with most of its objectives fulfilled. We have made a user friendly website. Users cannot add any item without logging in in our website, so one must have an account for KinMail.com. The website has many features like chat system, recommendation system. The project took more time than expected so we couldn't make an admin panel on our website due to lack of time. Afterall, the accomplished task is satisfactory but the important thing here is that the group members learned the necessary skills for web designing and development.

5.1. Limitation
- We could not add admin panel on our website.
- Online Payment system.

5.2. Future Enhancement

In the future, the website can be updated according to the market, fashion and the need of the people and from user feedbacks whenever feasible. The objectives that have not been met can be added in the upcoming days. We hope to make our website more user friendly and add admin panel on our website so that we can handle the website more conveniently.

Reference

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