

**Tribhuvan University**

**Faculty of Humanities and Social Sciences**

**Divya Gyan College**

**Supervisor’s Recommendation**

This is to certify that the Project report entitled “SneakerStation/E-Commerce” submitted by **Dev Raj Bhatt Symbol No 75102033** and **Tara Magar Symbol No 75102095** to the Department of Computer Application, Divya Gyan College, Kathmandu, Nepal towards the partial fulfillment of the requirements for the award of Degree of Bachelor of Computer Application (BCA) is an original work carried out by them under my supervision and guidance.

……………………….

Signature

Mrs. Annu Khanna Nakarmi

Coordinator

Divya Gyan College

(Supervisor)



**Tribhuvan University**

**Faculty of Humanities and Social Sciences**

**Divya Gyan College**

**LETTER OF APPROVAL**

This is to certify that this project prepared by Dev Raj Bhatt & Tara Magar entitled “SneakerStation / E-commerce” in partial fulfillment of the requirements for the degree of bachelor of computer application has been evaluated in our opinion. It is satisfactory in the scope and quality as a project for the required degree.

|  |  |
| --- | --- |
| ………………………….  Signature  Mrs. Annu Khanna Nakarmi  Coordinator  Divya Gyan College  Kamaladi, Kathmandu | ………………………..  Signature  Mr. Shailendra Basnet  Director  Divya Gyan College  Kamaladi, Kathmandu |
| ………………………….  Signature  Mr. Sirish Timilsina  Lecturer  Divya Gyan College  Kamaladi, Kathmandu | …………………………………  Signature of External Examiner  …………….…………………….……………………….………………………………….…………….……….……………………………………….….…………………………………….…………….…………………………........ |

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Dev Raj Bhatt (Symbol No: 75102033)

Tara Magar (Symbol No: 75102095)

**Abstract**

In Nepal, there are less single-vendor websites providing good quality of products especially footwear. Some of the websites like calibershoes.com, goat.com are there but they are quite expensive and they do not buy or sell secondhand shoes. In order to overcome this issue, we created a website called SneakerStation. Good sneakers are available from SneakerStation at fair prices. This project delves into the creation of a dynamic digital marketplace, where shoe enthusiasts can seamlessly buy and sell their favourite sneakers. In our website, the customer can also sell their own shoes i.e. used or unused which helps customer to trade their shoes with new ones by adding lesser money.We implemented Waterfall model to complete the project as it is a small project. We developed process modeling and data flow diagrams using Draw.io and Figma. Through the use of the php programming language and the SQL database application, it strives to offer clients a compelling, individualized, visually pleasing, and effectively working footwear purchasing experience. While the SQL database will be in the back-end to handle the data storage process, HTML and CSS will provide the graphical user interface that interacts with the user. Different test case scenarios are designed to validate whether the system we created is implied or not.

**Key Words**- *shoe enthusiasts,* *secondhand shoes, e-commerce platform, affordable*

**List of Abbreviations**

**Abbreviation Full Form**

Html Hypertext Markup Language

CSS Cascading Style Sheets

PHP Hypertext preprocessor

SQL Structured Query Language

XAMPP X-operating system, Apache, MySQL, PHP, Perl

UI User Interface

UX User Experience

OS Operating System

RAM Random Access Memory

GB Giga Byte

CFD Context Flow Diagram

ER Entity Relationship Diagram

DFD Data Flow Diagram

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