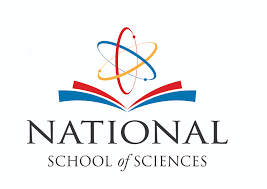
**NATIONAL SCHOOL OF SCIENCES**

**LAINCHOUR, KATHMANDU**

**E-COMMERCE WEBSITE MANAGEMENT SYSTEM**

**(CRUDE APPLICATION)**



A project work submitted to Department of Computer Science in partial fulfillment of the requirement for the internal evaluation of grade XII.

**Submitted To : Submitted By :**

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**CERTIFICATE OF APPROVAL**

This is to certify that the project entitled "E-COMMERCE MANAGEMENT SYSTEM" is hereby approved as a creditable study of project and has been presented by **PRAMSHU ADHIKARI** under the supervision of **Mr. Aneesh Karki** is here submitted for the partial fulfillment of project work of computer of grade 12 has been accepted.

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**CERTIFICATE OF APPROVAL**

This is to certify that the project entitled "E-Commerce Website Management System" is hereby approved as a creditable study of project and has been presented by **Bikash Magar** under the supervision of **Mr. Aneesh Karki** is here submitted for the partial fulfillment of project work of computer of grade 12 has been accepted.

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**Introduction to CRUDE**

In the realm of computer programming, data management plays a crucial role. At the heart of this discipline lies CRUD, a fundamental acronym representing the four essential functions necessary for managing data: Create, Read, Update, and Delete. These core operations form the bedrock of interacting with information stored in databases and applications.

Let’s drive into the functionalities and they are as follows:-

* **CREATE :**

This operation involves introducing new data into the system. It can be adding a new product entry to an inventory database, creating a user account, or composing a new document

* **READ :**

This function allows access to existing data. It encompasses retrieving specific information, like searching for a customer record, displaying a list of articles, or fetching email content.

* **UPDATE :**

This operation enables the modification of existing data. It could involve editing product details, changing user information, or updating the content of a document.

* **DELETE :**

This function allows the removal of unwanted data. It can involve deleting outdated customer records, removing unused files, or erasing an outdated blog post.

In the world of web development, CRUD (Create, Read, Update, Delete) operations are fundamental to managing data within applications. Whether it’s a blog, an e-commerce platform, or a content management system, CRUD functionality is essential for allowing users to interact with data stored in a database. PHP, a widely used server-side scripting language, is an excellent choice for building such applications due to its simplicity, flexibility, and robustness.

**Introduction to our project**

**“E-commerce Management System”**

**Description**

Introducing our project “E-commerce Management System”, it is the simple web-application created, designed, edited and build through the help Html, CSS, JavaScript and php. Withholding the knowledge of web-tech I and web-tech II read in grade XI and XII we have implemented that knowledge into skill via this CRUDE project.

“E-commerce Management System” is implemented on the -commerce web-application named PAPERWORK which is a online ecommerce stationary. It provides with all the essential stationary items, so in-order to manage the website it has been managed with CRUD.

As our web-application is made for general use, we have tried to make it simple and clean through some beautiful design and easy access and accessibility.

**Functionalities**

It consists of home page which provides basic information and enables interactions to the clients. Firstly, we have signup page which takes basic information about the clients and enables signup functionality by creating username and password. All the information with username and password is been saved into the database i.e. created via JavaScript and php in the SQL database.

Real time login functionality is enabled with the stored data in the database which is fetched into the login form. All the information which are store in the database are displayed in the html table through some php logic in the information page.

Information page consists of html table consisting all the information of the clients which has imbedded functionality to edit/update or delete data from the database table. It has provided with the [ADD] button which has root access to add new data and information to database table without registering the information in the signup form.

**Features**

* Secure and User-Friendly: Secure your shopping journey with our signup and login functionality. Create an account with your details, and access exclusive features.
* Real-time Management: All your information is stored securely in a database, accessible through our real-time login system.
* Seamless Navigation: Explore our well-designed and easy-to-navigate website, with a dedicated home page providing essential information and intuitive interactions.
* Data Management: Our information page displays your account details neatly presented in an HTML table. This page provides the ability to edit, update, or delete your information for complete control.
* Advanced Features: For authorized users, we offer an "ADD" button to directly add new data to the database, bypassing the signup process.

**Conclusion**

PAPERWORK empowers online stationery stores to manage their operations efficiently, enhance customer experience, and boost sales. We believe this project showcases the practical application of web development skills and contributes to the growing landscape of e-commerce solutions.

**Future scope**

While our current CRUD project, PAPERWORK, demonstrates a solid foundation in web development and the application of essential operations, there's always room for exciting advancements. So, this small step can withhold the bigger step for further improvement to manage the website with advance features.