RESELL--HUB

MAJOR PROJECT REPORT

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In partial Fulfillment for the award of degree
of
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Birgunj Institute of Technology
(Affiliated to Council for Technical Education & Vocational Training)
Batch-2077

BIRGUNJ INSTITUTE OF TECHNOLOGY

Birgunj-14, Parsa, Nepal

Department Of Computer Engineering

RECOMMENDATION

This is certified that benefits record of the project work titled "*Resell-Hub Application*" is being

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of 6th semester of Diploma in Computer Engineering in the year 2080 in the partial fulfillments of the requirements for the award of Degree of Diploma in Computer Engineering of "*Birgunj Institute of Technology (BIT)".*

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Viva-Voce Sheet

We have conducted the Viva Voce Examination of Major project presented by: -

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Entitled

"RESELL HUB" and found that major project to be the original work of the students and written according to the prescribed format. We recommended the major project will have accepted as partial fulfilment of the requirement of Diploma in Computer Engineering (DCom).

Viva-Voce Committee

Project Guide/Supervisor .....

External Expert .....

Head of Department .....

ACKNOWLEDGEMENT

I would like to express my gratitude and heartfelt appreciation to all those who have contributed to the successful completion of my major project, "Resell-Hub Application" without their support, guidance, and encouragement, this project would not have been possible.

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Last but not the least; we would like to express our deep sense and earnest thanks giving to our Teachers and Friends for their support and co-operation in completing this project successfully. We would also like to thank to our BIT Engineering College.

Project Associates

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ABSTRACT

This abstract describes a website that is similar to **eBay** and **Hamrobazar.com**, an online marketplace where people can buy and sell goods and services. The website allows users to post advertisements for products or services they want to sell, and buyers can browse through these listings to find items they are interested in purchasing. The website provides a platform for users to communicate with each other, negotiate prices, and arrange for payment and delivery.

It is designed to be user-friendly and accessible, with a simple interface that makes it easy for anyone to use. The website is also secure, with measures in place to protect users from fraud and other types of online scams. Overall, this website provides a convenient and efficient way for people to buy and sell goods and services online.

This website contains a register page where buyer and seller must registered with email and also the seller can post and advertise their products here according to their choice and price. The buyer can contact from seller with the help of contact number to buy product they like to buy. And with other various features. **Resell -Hub** may aim to create a community of buyers and sellers, fostering networking and collaboration among users. This can include forums, social features, or other ways for users to connect and share insights.

For this project we use **PHP LARAVEL** version **5.8*** because the best advantage of using the Laravel framework is that it follows – **Model, View, and Controller** – based architecture pattern and it has an expressive beautiful syntax which makes it object oriented.

ABREVIATIONS AND NOMENCLATURE

1.Flowchart

A flowchart is a diagram that depicts a process, system or computer algorithm. They are widely used in multiple fields to document, study, plan, improve and communicate often complex processes in clear, easy-to-understand diagrams.

2.Function oriented diagram

A function-oriented diagram (FOD) is a type of data flow diagram (DFD) that shows the functional decomposition of a system. FODs are used to represent the high-level functions of a system, as well as the relationships between those functions.

3.Object oriented diagram

An object-oriented diagram is a graphical representation of the objects and their relationships in an object-oriented system. Object-oriented diagrams are used to model the static structure of a system, as well as the dynamic behavior of the system.

4.Er-diagram

An ER diagram, or entity-relationship diagram, is a graphical representation of the entities, attributes, and relationships of a data model. It is a type of flowchart that uses a defined set of symbols to depict the interconnectedness of entities, relationships, and their attributes.

5.Dataflow Diagram

A data flow diagram (DFD) is a graphical representation of the flow of data through an information system. It is a tool for visualizing the movement of data through a system, and for identifying and understanding the relationships between different components of the system.

6.Database Diagram

A database diagram is a graphical representation of the structure of a database. It shows the tables, columns, and relationships between tables in a database. Database diagrams are used to understand the structure of a database, to communicate the design of a database to others, and to troubleshoot problems with a database.

7.Mysql

MySQL is a powerful and versatile database management system that can be used for a wide variety of purposes. It is a good choice for organizations that need a scalable and reliable database solution.

8.User Language

Any language chosen by user.

9.Database

Database is a collection of organized data in the form of tables.

10.Visual Studio

Visual Studio is an integrated development environment (IDE) from Microsoft. It is used to develop applications for Windows, macOS, and Linux. Visual Studio includes a code editor, a debugger, a graphical user interface designer, and a variety of other tools for software development.

11.VB.Net

VB.NET is a powerful and versatile language that can be used to develop a wide variety of applications. It is easy to learn, even for beginners, and it includes a wide range of features for software development.

12.System Context Diagram

A system context diagram, also known as a level 0 DFD (Data Flow Diagram), is a high-level visual representation that depicts the interactions between a system and its external entities. It provides an overview of the system and its boundaries, showing how it interacts with external users, systems, and data sources.

13.Label Control

A label control is a graphical user interface (GUI) element that displays text or images on a form. It is usually a static control, meaning that it cannot be interacted with by the user. Labels are typically used to identify other controls on a form, such as text boxes or buttons. They can also be used to display information, such as the current date or time.

14.Textbox Control

A text box control is a graphical user interface (GUI) element that allows users to enter text into a form. It is a versatile control that can be used for a variety of purposes, such as entering a name, address, or password.

15.Combobox Control

A combo box control is a graphical user interface (GUI) element that combines a text box and a drop-down list. It allows users to enter text into the text box or to select an item from the drop-down list. This makes it a versatile control that can be used for a variety of purposes, such as selecting a country, a state, or a product.

16.Sql server

SQL Server is a relational database management system (RDBMS) developed and marketed by Microsoft. It is a popular choice for enterprise applications, as it offers a wide range of features and scalability.

17.SOME SYNTAX

A. INSERT:
Insert into tablename(column1, column,…….) Value (value1, value2,…….);

B. UPDATE:
Update tablename Set attribute=value Where condition

C. DELETE**:**
Delete from tablename Where conditions

D. SELECT:
Select attribute from tablename Where condition

18.SOME LOCAL TERMS

A. LOCALHOST:
Local host is a host\user computer in which the software is built.

B. IF-THEN-ELSE:
If –then-else statement allows the programmer to specify that two different action is to be performed alternatively.
Syntax:
If(condition)then Statement
Else Statement
End if

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