RESELL--HUB

MAJOR PROJECT REPORT

Submitted by

Anjali Kumari DCOM-00267-020)

Pooja Sarraf (DCOM-00279-020)

Ragni Sahu (DCOM-00282-020)

Under the Guidance

of

Er. Anish Ansari
(Project Guide)

In partial Fulfillment for the award of degree
of
Diploma in Computer Engineering

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

Submitted by

Anjali Kumari	DCOM-00267-020)
Pooja Sarraf	(DCOM-00279-020)
Ragni Sahu	(DCOM-00282-020)

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)".*

……..	…….
Er. Anish Ansari	Er. Sarita Jayaswal
(Project Guide)	(HoD of DCom)
…….	…….
Name:……	Er. Niraj Shriwastav
(External)	(Principal)

BIRGUNJ INSTIUTE OF TECHNOLOGY

Birgunj, Parsa Nepal

Diploma in Computer Engineering

Date: -…….

Viva-Voce Sheet

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

Anjali Kumari	DCOM-00267-020)
Pooja Sarraf	(DCOM-00279-020)
Ragni Sahu	(DCOM-00282-020)

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 Committe

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.

We are thankful to our principal *Er. Niraj Shriwastav* for providing the necessary infrastructure and labs. We are greatly thankful to the Head of Department of Computer *Er. Sarita Jayaswal* for providing valuable guidance at every stage of this project work.

We also thank to our project guide *Er. Anish Ansari* for his support throughout this project. I would also like to thank my friends who had their support during the development phase of the project. Their valuable feedback and hard work were helpful in developing the features and functionality of the Resell-Hub Application.

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

…… …….

Anjali Kumari
(DCOM-00267-020)

Pooja Sarraf
(DCOM-00279-020)

……

Ragni Sahu
(DCOM-00279-020)

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

List of Figures

S.N	Figure Name	Page No.
1	Module Diagram……..	10
2	Function Diagram……	11
3	Flow Chart……	12
	• Login form	13
	• Register form	14
	• Product detail form	15
	• Category detail form	16
	• Search form	17
4	ER-Diagram……..	18
5	Data Flow Diagram (DFD)……..	19
	• 0-Level DFD	20
	• DFD of Admin login system	21
	• DFD of Change password	22
6	Data base Diagram……..	23
	• User	23
	• Order table	23
	• Sell table	24
	• Categories table	24

TABLE OF CONTENT

S.N	Title	Page No.
1.	Certificate……	II
2.	Viva-Voce Sheet……...	III
3.	Acknowledgement……	IV
4.	Abstract……	V
5.	Abbreviation and Nomenclature……...	VI
6.	List of Figures……...	VIII
7.	Introduction …….	1
	• Objectives	2
	• Functionalities of the system	2
	• Advantages	3
	• Disadvantages	3
	• Scopes	4
8.	System Analysis……...	5
	• System Analysis	5
	• System Requirements	5
	• Implementing Tools	6
	• Goals and Purposed System	9
9.	System Designing…….	10
	• Module Diagram	10
	• Function Diagram	11
	• Flowchart	12

- ER-Diagram 18
- Dataflow Diagram 19
- Database Structure 23

10. User Interface……... 25

- Welcome page 25
- Shop 25
- Login 26
- Register 26
- Admin Panel 27
- Add Admin Form 27
- User's Panel 28
- Add Product 28
- View More 29
- Order Details 29

11. Some Coding…… 30

- Code for Login 30
- Code for Register 31
- Code for Display data 31
- Code for Log Out 32
- Code for Order Details 32
- Code for Create with multiple images 33
- Code for Edit 34
- Code for Update 34

- Code for Delete 35

12. System Testing…….. 36

13. System Maintenance……. 37

14. Conclusion…… 38

15. References…… 39