

SUMMER PROJECT
ON
LAB EQUIPMENT MANAGEMENT SYSTEM
FOR
DECODE GENOMICS AND RESEARCH CENTER
BY

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Orchid International College

A Summer Project Submitted to

Faculty of Management, Tribhuvan University

In partial fulfilment of the requirements for the degree of
Bachelor of Information Management

Kathmandu, Nepal

July, 2023

STUDENT DECLARATION

This is to certify that I have completed the Summer Project entitled “Lab Equipment Management " under the guidance of “Mr. Dhiraj Kumar Jha” in partial fulfilment of the requirements for the degree of **Bachelor of Information Management** at Faculty of Management , Tribhuvan University. This is my original work and I have not submitted it earlier elsewhere.

Date: July 2023

Name: Nischal Joshi

Signature:

CERTIFICATE FROM THE SUPERVISOR

This is to Certify that the summer project entitled a “**Lab Equipment Management System**” is an academic work done by **Nischal Joshi (T.U Roll No: - 10091/19)** in partial fulfillment of the requirement for the degree of Bachelor of Information Management at Faculty of Management, Tribhuvan University under my guidance and supervision. To the best of my knowledge, the information presented by him in the summer project report has not been submitted earlier.

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Dhiraj Kumar Jha

Lecturer / Supervisor

Orchid International College

EXECUTIVE SUMMARY

Selling the product through online medium is rapidly growing in today's real world. This project is focused on online Lab equipment selling of DGRC.

The project title as "LAB EQUIPMENT MANAGEMENT SYSTEM FOR DECODE GENOMICS & RESEARCH CENTER" is a web based application. It mainly focus on selling the lab equipment's online.

Lab Equipment Management System contains two modules. One module is designed for the customer that contain a login screen. The customer has to register himself/herself before logging in to the web application (ordering the equipment). After logging in, the customers can choose the category order the equipment's and make the payment. The second module is the admin module that is designed on the website. The admin can manage the categories, view payments and manage the products details.

The above mentioned web based system is designed according to object oriented Analysis and design techniques and UML (Unified modeling language) is used to model the system. While the system is a web based solution PHP has been used for building up the logic of the system. HTML, CSS, Java script, and Boot Strap is used to model interface. MYSQL has been used at the back end for the database handling.

ACKNOWLEDGEMENTS

This summer project report has been prepared for the fulfillment of the requirement for the degree of Bachelor in Information Management (BIM) under the faculty of Management Tribhuvan University.

It has been a great opportunity to learn and gather practical knowledge due to the University for including such a task in the curriculum of BIM. The environment of Orchid International College has been supportive in all the stages of this project. Er. Dhiraj Kumar Jha, project coordinator has been supportive and inspirational to grow and develop the project. I would like to acknowledge Decode Genomics & Research Center for providing the required information in completion of this project.

As a whole, the direct and indirect help of all the people was valuable for preparation of this project report. The outcome is the result of their support and encouragement.

Nischal Joshi

(T.U. Exam Roll No. 10091/19)