

**LA GRANDEE INTERNATIONAL COLLEGE**

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A Project Proposal

On

**Book Shop Management System**

**Submitted to:**

Bachelor of Computer Application (BCA) Program

In partial fulfillment of the requirements for the degree of BCA under

Pokhara University

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# **List of abbreviation**

BCA: Bachelor of Computer Application

i.e = That is

etc = Et cetera

Fig =figures

# **Introduction**

A bookshop is a retail store that specializes in selling books and other printed materials such as magazines, newspapers, and journals. Book Shop Management refers to the processes and systems involved in effectively running a bookstore. The management of a bookshop involves several tasks, such as purchasing and maintaining an inventory of books, managing sales, handling customer orders and inquiries, and overseeing staff.

The proposed project is to develop a bookshop management system that will help manage the inventory, sales, and customer information of a bookshop. This system will be designed to replace the existing manual system of managing the bookshop's inventory, sales, and customer data. The main objective of this project is to make the management of the bookshop more efficient and accurate.

# **Problem Statement**

Many book shops are storing all their data in a manual way also they are storing customer, and sales data on a daily basis which is not possible when there is a large number of customers that’s why to store data of a large number of customers, need the help of some features so they can maintain and store the records without consuming more time accurately i.e the manual process is time-consuming. For the owner, it is difficult to view the records of the customer, staff, and the process of checking in and checking out the customer simultaneously. They need full-fledged software to maintain their day-to-day transactions, regular updates on records, billing, daily staff, etc. In the existing system entering all details is done manually so it is a problem.

# **Objectives**

The main objective to develop this system is to create a software system that helps bookshops to manage their inventory, sales, and customer data more efficiently and accurately.

# **Methodology**

For the development of Book Shop Management System software we use the iterative model. Iterative model is one of the popular model for development of projects. Iterative model starts with a simple implementation of a subset of the software requirements and iteratively enhances the evolving versions until the full system in implemented.

Iteration 1

Problem identification

Requirement analysis

Iteration 2 Iteration 2 Iteration 3

Documentation

Maintenance

Coding

Implementation

Testing & Debugging

Design

Design

Coding

Implementation

Testing & debugging

Implementation

Testing & debugging

Coding

Design

Fig-1: Iterative model

# **Project Gantt Chart**

Fig-2: Project Gantt Chart

# **Deliverables**

After a system is created, there are certain expectations to be fulfilled by it for it to be called a successful system. Even though one system can never quite fulfill all the requirements or criteria of every single employee and there are some criteria that cannot be lifted unfulfilled.

* This system manages customers, and staffs information in a database
* The system should be easily adaptable by the non-technical staff to operate as most employees might not have technical knowledge. It will make employee easier to compute unit data and save records easily. To make a user-friendly interface for managing inventory, sales, and customer data.
* This system shows billing to customers in a computerized way.
* The system also provides permission to add, update, and delete the information visible to the users.

# **References**

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