

**LA GRANDEE INTERNATIONAL COLLEGE**

**Simalchaur, Pokhara, Nepal**

A Project Proposal/Report

on

**Patient Record System**

**Submitted to**

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Bachelor of Computer Application (BCA) Program

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

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# Executive Summary

In short, Our program “Patient Record System” will assist in easier management of Patient’s record in a system. This program will allow the user to add new patient with their details which are their name, district, disease, age, sex, severity and prescribed medicine and the program will automatically assign the patient with an unique code which can later be used to easily identify a specific user easily within our program. You can also search for an already existing patient using their patient code or general information to either update their data, show their data or remove them from the “ongoing treatment” section and move them to “treated” section. If a patient has already been in the hospital before and has arrived again, you can search within the “treated section” to view their previous data and update the data and move him/her to “ongoing treatment” section and assign them a new patient code.

# Table of Contents

[Executive Summary i](#_Toc165115575)

[Table of Contents ii](#_Toc165115576)

[List of Tables iii](#_Toc165115577)

[List of Figures iv](#_Toc165115578)

[List of Abbreviation v](#_Toc165115579)

[1. Introduction 1](#_Toc165115580)

[2. Problem Statement 2](#_Toc165115581)

[3. Objective 4](#_Toc165115582)

[4. Background Study 5](#_Toc165115583)

# List of Tables

# List of Figures

# List of Abbreviation

PRS: Patient Record System

BCA: Bachelor of Computer Application

# Introduction

This program titled “Patient Record System”, short for PRS is a program which will be created by four BCA Second Semester students studying in LA GRANDEE International College as their first project to gain programming knowledge and skills and strengthen our social relation by working in a group. This program will be written solely in C Programming Language and will imitate the work behavior of actual such system used in health organizations. The four students working in this project are Deven Shrestha, Sandesh Bastola, Nobel Baral and Sunil Neupane.

# Problem Statement

A lot of people come in a hospital to get checked and cure their diseases. Of course, the hospital can manage the patient’s data in a traditional system using paper but that way is more risky and time consuming. Papers are prone to damage through fire, water and other components and can easily be destroyed. In addition to that searching through different files just to update one patient’s information can be a time consuming process. Furthermore some files can be lost and cause massive problem to both the patient and the hospital. This program aims to solve such issue by handling the patient’s data through a computer.

# Objective

The objective of creating this program are as follows:

* Familiarize students partaking in this project with C
* Provide easy to use and manage interface to record and manage patient’s data

# Background Study

By consulting Susil who is one of the member of this group project and works in a hospital, we learned that Patient Record System is one of the most useful and crucial part of a hospital system. He provided valuable insights on what the software does and the benefits it provides. He also added that this system is invaluable to hospitals and has saved a lot of patients and hospital workers headaches and annoyance while dealing with patient’s record.

# Methodology

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