

A

Mid-Term Project Report

On

**“Personal Health Report”**

**Submitted by:**

Nishma Lama(074/022/BCT)

Samip Aryal(074/035/BCT)

Sandeep Kunwar(074/036/BCT)

Shristi Dongol(074/041/BCT)

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ABSTRACT

A web application or web app is a customer server PC program which the client(including the UI and customer side logic) keeps running in an internet browser. It is on the web and helpful 24 hours a day. Due to this individual can visit our web application at whatever point they want. This venture has been created to record health information and other data related to the care of patient. This project contains information of patient entered by specialist. This paper proposes a web application that offers specialist to give complete and accurate summary of a person's medical history which is open on the online. The majority of a person's medical records are stored in one spot rather than paper-based documents in different specialists' offices. This project likewise help clinicians settle on better treatment choices by giving increasingly constant information, bringing about improved proficiency in consideration. This venture is a web application that gives therapeutic records of a patient.

This system is a province-wide initiative designed to improve access to patient information through a central electronic information system. This project aims to streamline patient information flow and its accessibility for doctors and other health care  
providers. These changes in service will improve patient care quality and  
patient safety over time.

Keywords:Doctor,Patient,Hospital,Medical,Report,Web application

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LIST OF ABBREVIATIONS

HTML: Hyper Text Markup Language

CSS: Cascading Style Sheets

MySQL:My Structured Query Language

# INTRODUCTION

## BACKGROUND

A hospital is a health care institution providing patient treatment with specialized medical and nursing staff and medical equipment. It is a place where patient come up for treatment of general disease.

Hospitals provide facilities like:

* Consultation by Doctors on diseases
* Diagnosis for diseases
* Providing treatment facilities
* Facility for admitting patients
* Immunization for patients/children

Various operational works that are done in the hospitals:

* Recording information about the patient that come .
* Generating bills.
* Recording information related to diagnosis given to patients.
* Keeping record of the immunization provided to children/patients.
* Keeping information about various diseases and medicines available to cure them.

## OVERVIEW

The usage of a web application that helps the specialist to locate the required medicinal record of a patient and furthermore causes them to compose another report . This likewise enables patients to study their own medicinal reports . The patients don't have to convey heap of documents at whatever point they need to visit a specialist. This site additionally enables specialist to find out about patients drug before prescribing new medications.

## PROBLEM STATEMENT

Many people do suffer from various diseases. People may have pile of previous health reports that they do need to carry while visiting a doctor.

## OBJECTIVES

1. The project aims to provide a complete and accurate summary of an individuals medical history which is accessible online.
2. The project aims to create patients medical record of the patient on the web.

## APPLICATION

1. Patient don't have to carry heap of their past wellbeing reports.
2. Doctors can check all of the patients past medicinal records additionally their consumption of prescription.
3. Doctors can also create a patients medicinal report.

# LITERATURE REVIEW

The procedure involved in the current system is that, when a patient visit  
the hospital for medication, the patient will first of all buy the identification card which contains name, and other relevant information needed, and card identification number. The patient will then waits for the card to be processed together with a file jacket that  
holds the card that has column for diagnosis made by physician, drugs prescribed, and date at the waiting room for the arrival of the card. When the file arrived, the patient joints the queue to see a doctor. In this current system, file cabinets are used for keeping individual patient card enclosed in a file. This system is so tedious in tracing  
a record files slow in processing of records, space occupied by the file time waiting while waiting for the patient file to be retrieved by the receptionist.

Computer-based patient record (CPR) implementation over the past decade reveals that clinical, workflow, administrative, and revenue enhancement benefits of the CPR outweigh barriers and challenges but only if healthcare organizations redesign certain work processes. Among other key efforts, organizations must train and motivate users to navigate CPR systems, as well as develop a common structured language. Clinicians who used CPRs found that electronic access to clinical information saves time and provides a thorough and efficient way to manage patient information.

# PROJECT METHODOLOGY

This project is being developed using Prototype Model of Software Development.This prototype is developed based on the currently known requirements.Prototyping is an attractive idea for complicated and large systems for which there is no manual process or existing system to help determining the requirements.Since in this methodology a working model of the system is provided, the users get a better understanding of the system being developed.

## DEVELOPMENT MODEL

A prototype allows a user to interact with the website almost as it would behave when built. While it may not include any animation or transition styles it does operate on a basic level to let the user navigate and interact with certain elements on the site.Prototyping is hugely beneficial in the design process as it allows us to save a lot of time early on in a web project. Identifying areas for improvement during the design stage is a lot easier to rectify than finding out these problems once the site has gone into development. Prototyping is also beneficial to show users who may not understand flat visuals as easily as an interactive version of the site.

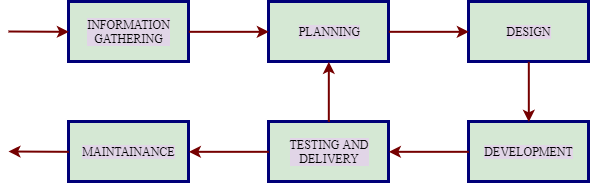


Figure 4.1- Prototype Model

# SYSTEM DESIGN

## BLOCK DIAGRAM

# EXPECTED OUTCOMES

The following outcomes have been presumed for this project:

1. To help interested individuals to earn some money while giving out the knowledge he/she have gained.
2. Tohelp students find suitable tutorsto help them excel in studies.

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