

**Tribhuvan University**

**Faculty of Humanities and Social Science**

**TITLE OF THE PROJECT**

**A PROJECT REPORT**

**Submitted To**

**Department of Computer Application**

**Ratna Rajya Laxmi Campus**

***In partial fulfillment of the requirements for the Bachelors in Computer Application***

Submitted by

Name: Rajnish Shrestha & Promise Chaudhary

Roll: 53 & 44

2024

Under the Supervision of

**Supervisor Name**



**Tribhuvan University**

**Faculty of Humanities and Social Science College Name**

**Supervisor’s Recommendation**

I hereby recommend that this project prepared under my supervision by NAME OF THE STUDENT entitled **“Gym Management System”** in partial fulfillment of the requirements for the degree of Bachelor of Computer Application is recommended for the final evaluation.

<<Signature of the Supervisor>>

**SIGNATURE**

<<Name>>

**SUPERVISOR**

<<Academic Designation>>

<<Department>>

<<Full address of the Dept & College >>



**Tribhuvan University**

**Faculty of Humanities and Social Science College Name**

**LETTER OF APPROVAL**

This is to certify that this project prepared by NAME OF THE STUDENT entitled “**Gym Management System”** in partial fulfillment of the requirements for the degree of Bachelor in Computer Application has been evaluated. In our opinion it is satisfactory in the scope and quality as a project for the required degree.

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| --- | --- |
| **SIGNATURE of Supervisor**  Name and Academic designation  Department name and full address of the college | **SIGNATURE of HOD/ Coordinator**  Name and Academic Designation  Department name and full address of the college |
| **SIGNATURE of Internal Examinar Internal Examinar** | **SIGNATURE of External Examinar External Examinar** |

Introduction

This project is about Gym Management System which manages overall operation of the Gym. In today’s fitness industry where competition is tough, gym owners need efficient tools to deliver exceptional service while keeping economic factors in mind.

This system addresses these needs by offering an integrated solution allowing gym staff to focus on delivering quality services. This system includes membership registration, attendance, payment processing digitally which is more time saving than traditional method. By centralizing these functions, a Gym Management System enhances efficiency, reduces administrative workload, and improves the overall experience for both gym members as well as staff.

Problem Statement

There are multiple gyms all over the world but it’s management system is not quite good enough. Many gyms manage their operations manually which is time consuming and not efficient. There is a saying ‘Time is money’. So, to resolve this major problem we are working on this project which is Gym Management System.

Objective

* To convey information about the gym.
* Improve member experience.
* Enhance communication between staffs and members.
* Efficient resource management. (gym resources)
* Streamline administrative task. (registration, attendance, payment)
* Digital Record keeping.

Methodology

1. Requirement Identification
2. Study of existing system

In the current market there are many gym websites that are available. After extensive research, we've found that these websites often lack proper handling of user and admin information. They mainly focus on subscriptions and miss out on important operations. Customization options are limited, data management is insufficient, and they offer low interaction and engagement.

Our system is designed to overcome these limitations. We shall provide dashboards for both admins and members, and ensure efficient data management.

1. Requirement collection
2. Feasibility study
3. Technical

With detailed research, it is confirmed that there are no technical barriers for developing it. The required technologies and software’s are easily and freely available. In order to ensure that the project can be completed successfully, the technical competence needed to design, implement, and maintain the system is available. This system shall be built without needing any new technology and software. The system shall be accessible in various devices through responsive web design.

1. Operational

This system is made to fit in well with current workflow by handling key processes like membership registration, billing. This system shall have a user-friendly interface providing ease of use.  This system is useful and advantageous for raising member satisfaction and operational effectiveness. Anyone who knows how to use any website can utilize this system with ease and does not require any training.

1. Economic

This system shall be designed using free software’s like VS code and with free programming languages like HTML, CSS, PHP, MySQL, JavaScript. There is no need for extra hardware that costs money. The cost associated with developing, implementing and maintaining the system, including hardware and software is relatively low. So, this system is economically feasible.

1. High level design of system

Gantt chart

Expected outcomes

References