



**Tribhuvan University**

**Faculty of Humanity and Social Sciences**

**Bachelor's in computer application**

**Daily Activities & Personal Finance Tracker**

Submitted To

Department of Computer Application

Padmashree International College

Subidhanagar, Tinkune

**Submitted By**

**Jenish Limbu**

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University Registration No:

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**Kiran Jethara**

Semester-4th

University Registration No:

6-2-622-29-2021

Under the supervision of

**Basanta Chapagain**



**Tribhuvan University Faculty of Humanities and Social Science Padmashree  
International College**

**SUPERVISOR'S RECOMMENDATIONS**

I hereby recommend that this project prepared under my supervision by **Jenish Limbu** and **Kiran Jethara** entitled “**Daily Activities & Personal Finance Tracker**” in partial fulfillment of the requirements for the degree of Bachelor of Computer Application recommended for the final evaluation.

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Mr. Basanta Chapagain

Project Supervisor

Department of Computer Application

Padmashree International College



**Tribhuvan University Faculty of Humanities and Social Sciences  
Padmashree International College**

**LETTER OF APPROVAL**

This is to certify that this project prepared by **Jenish Limbu** and **Kiran Jethara** entitled **“Daily Activities & Personal Finance Tracker”** in partial fulfillment of the requirements for the degree of bachelor’s in computer application has been evaluated. In our opinion it is satisfactory in the scope and quality as a project for the required degree.

<p>.....</p> <p>Mr. Basanta Chapagin</p> <p>Project Supervisor</p> <p>Department of Computer Application</p> <p>PadmaShree International College</p>	<p>.....</p> <p>Mr. Ramesh Kumar Pudasaini</p> <p>Program Coordinator</p> <p>Department of Computer Application</p> <p>PadmaShree International College</p>
<p>.....</p> <p><b>Internal Examiner</b></p>	<p>.....</p> <p><b>External Examiner</b></p>

## Table of Content

<b>Chapter 1: Introduction</b> .....	5
<b>1.1 Introduction</b> .....	5
<b>1.2 Problem Statement</b> .....	5
<b>1.3 Objectives</b> .....	5
<b>1.4 Scopes and Limitation</b> .....	7
<b>1.5 Report Organization</b> .....	7
<b>1.5.1 Introduction</b> .....	7
<b>1.5.2 Background Study and Literature Review</b> .....	7
<b>1.5.4 Implementation and Testing</b> .....	8
<b>1.5.5 Conclusion and Future Recommendation</b> .....	8
<b>Chapter 2: Background Study and Literature Review</b> .....	8
<b>2.1 Background Study</b> .....	8
<b>2.2 Literature Review</b> .....	8
<b>Chapter 3: System Analysis and Design</b> .....	9
<b>3.1 System Analysis</b> .....	9
<b>3.1.1 Requirement Analysis</b> .....	10
<b>3.1.2 Feasibility Analysis</b> .....	10
<b>3.1.3. Data Modelling (ER-Diagram)</b> .....	10
<b>3.1.4. Process Modelling(DFD)</b> .....	10
<b>3.2. System Design</b> .....	10
<b>3.2.1. Architectural Design</b> .....	10
<b>3.2.2. Database Schema Design</b> .....	10
<b>3.2.3. Interface Design(UI Interface / Interface Structure Diagrams)</b> .....	10
<b>3.2.4. Physical DFD</b> .....	10

# **Chapter 1: Introduction**

## **1.1 Introduction**

The “Daily Activities & Personal Finance Tracker” is a system which helps to view and analyze the daily tasks, income and expenses of an individual .It is a system developed to track the tasks, income and expenses. It serves as a valuable tool in this regard, helping individuals to plan, monitor, and optimize their daily tasks while also keeping a close eye on their financial health. In short, this system is designed to record and analyze time and money of a user.

## **1.2 Problem Statement**

On a daily basis, many people fail to complete all their tasks or forget to prioritize them based on their importance. This often happens because they do not track their tasks according to their due dates or importance. Consequently, they miss deadlines and fail to complete tasks in a timely manner.

In financial matters, many people overspend without considering their income or without being aware of how much money they are spending on a daily basis. They do not manage their spending through proper budgeting, which leads to unnecessary expenses and increased overall costs. By failing to track their expenditures and plan their finances, they often find themselves facing unexpected financial difficulties.

## **1.3 Objectives**

The objectives of “Daily Activities & Personal Finance Tracker” are:

- To provide users with a comprehensive view and tracking system for their daily activities and personal finance-related data.
- To enable users to analyze and make decisions about their tasks and income/expenses.

- To assist users in maintaining disciplined habits.

## **1.4 Scopes and Limitation**

### **1.4.1 Scope of the project**

The "Daily Activities and Personal Finance Tracker" is a comprehensive web application designed to help users manage their daily tasks and track their income and expenses efficiently. Users can organize their tasks by priority and due dates, enabling better time management and productivity. Additionally, the application provides tools for budgeting and expense tracking, helping users gain insights into their spending habits and financial status .

### **1.4.2 Limitations**

The limitations of "Daily Activities and Personal Finance Tracker" are:

- Internet access is required as it is a web-based application.

## **1.5 Report Organization**

### **1.5.1 Introduction**

This chapter introduces the system, outlining its objectives and limitations, and explains the reasons behind its development.

### **1.5.2 Background Study and Literature Review**

This chapter presents an overview of the current issues, highlights the significance of developing the system, and defines key concepts related to it, while also providing a critical review and summary of existing research in the field.

### **1.5.3 System Analysis and Design**

Different requirements such as functional and non-functional requirements, feasibility analysis, ER diagrams, DFDs, system architecture, database schema, and interface design are included in this chapter.

### **1.5.4 Implementation and Testing**

This chapter focuses on the tools utilized in system development, detailing the implementation process and presenting the results of the tests conducted.

### **1.5.5 Conclusion and Future Recommendation**

This chapter provides a brief summary of the lessons learned, the outcomes, and the conclusions of the entire project. It explains what has been accomplished and suggests potential areas for further improvement.

## **Chapter 2: Background Study and Literature Review**

### **2.1 Background Study**

Numerous System Catering to "daily activities and personal finance tracker" populate the market, with personal experiences and analyses applied to platform like Todoist, Clockify, Ynab etc. Currently, users contend with a divide, necessitating separate applications for managing daily activities and monitoring personal finances.

### **2.2 Literature Review**



## Chapter 3: System Analysis and Design

### 3.1 System Analysis



### **3.1.1 Requirement Analysis**

#### **i. Functional Requirement**

#### **ii. Non-Functional Requirement**

### **3.1.2 Feasibility Analysis**

#### **i. Technical Feasibility**

#### **ii. Operational Feasibility**

#### **iii. Economic Feasibility**

#### **iv. Schedule Feasibility**

### **3.1.3. Data Modelling (ER-Diagram)**

### **3.1.4. Process Modelling(DFD)**

## **3.2. System Design**

### **3.2.1. Architectural Design**

### **3.2.2. Database Schema Design**

### **3.2.3. Interface Design(UI Interface / Interface Structure Diagrams)**

### **3.2.4. Physical DFD**