

# Project Report on Budget Planner

## Introduction:

In today's world, keeping track of income and expenses is very important for proper financial planning. Many people struggle to manage their money, which leads to overspending and poor savings. To solve this problem, I created a **Budget Planner Project**.

This project allows users to record their income and expenses, analyze their spending, and plan their budget more effectively. It provides a simple and easy way to manage money and build better financial discipline.

## Abstract:

The Budget Planner is a small project developed to help users track their personal finances. It allows users to enter income and expenses and view how their money is being spent. The project shows results in a clear way so that users can easily understand their financial situation.

The main aim of this project is to make financial management simple and useful for everyone. By recording transactions and organizing them properly, users can save money and plan their budgets more carefully.

## Tools Used:

- **Frontend:** HTML, CSS, JavaScript
- **Framework/Library:** Vue.js (for dynamic interface)
- **Database:** Firebase Firestore (for storing data)
- **Authentication:** Firebase Authentication (for secure login)
- **Visualization:** Chart.js (for graphs and charts)

## Steps Involved in Building the Project:

1. **Designing the Interface** – Created input forms for adding income and expenses.
2. **Database Setup** – Connected the project to Firebase Firestore for storing data.
3. **User Authentication** – Added login and signup using Firebase Authentication.
4. **Expense Tracking** – Implemented features to add, update, and delete records.
5. **Data Visualization** – Used charts to display expenses and income for better analysis.
6. **Testing** – Checked the system with sample data to ensure smooth working.

## Conclusion:

The Budget Planner Project is a simple and useful tool for managing personal finances. It helps users record income and expenses, track spending, and plan savings effectively.

By using this project, users can understand their financial habits and improve their money management. It is a practical project that shows how technology can be used in daily life for financial planning.