**S**hree **S**waminarayan **C**ollege **o**f **C**omputer **S**cience

**(Affiliated to M. K. Bhavnagar University)**

**MASTER BUDGET**

**BY**

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**UNDER GUIDANCE OF**

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SUBMITTED TO

SHREE SWAMINARAYN COLLEGE OF COMPUTER SCIENCE

FOR DEGREE OF

BACHALOR OF SCIENCE IN INFORMATION TECHNOLOGY



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**1: Introduction**

* 1. **Background**

The Master Budget project is a comprehensive initiative to develop a financial management platform designed for both individuals and organizations. It addresses the growing need for an efficient, secure, and accessible tool to manage income, expenses, and investments. By integrating modern technologies and user-focused features, the platform aims to simplify financial planning and enhance decision-making.

**1.2 Objective**

The primary objectives of the Master Budget project are:

* To provide users with a structured and efficient approach to managing finances.
* To offer a secure and user-friendly system accessible 24/7.
* To enable detailed tracking of incomes, expenses, and investments.
* To support tax optimization and provide exportable financial reports.

**1.3 Purpose**

The purpose of this project is to:

* Empower users with tools to monitor their financial health.
* Simplify the complexities of budget management and tax planning.
* Offer a customizable platform tailored to diverse financial needs.

**1.4 Scope**

The Master Budget system will:

* Be accessible through a web-based interface.
* Support multiple currencies and customizable categories.
* Include secure login for administrators and end users.
* Provide exportable financial reports for a selected date range.

**1.5 Applicability**

The platform is applicable to:

* Individuals seeking personal financial management tools.
* Small and medium enterprises needing structured budget planning.
* Financial advisors and tax professionals looking for an integrated solution.

**2: Requirement and Analysis**

**2.1 Problem Definition**

Efficient financial management is crucial for individuals and organizations, yet many struggle with tracking incomes, expenses, and investments. The lack of accessible and secure tools often results in disorganized finances and missed opportunities for tax benefits. The Master Budget project seeks to address these challenges by providing a comprehensive and user-friendly platform.

**2.2 Requirement Specification**

**2.2.1 Functional Requirements**

* Secure login for administrators and end users.
* Customizable categories for income, expenses, and investments.
* Multi-currency support.
* Reporting module with export options (PDF, Excel).
* Investment suggestions for tax benefits.

**2.2.2 Non-Functional Requirements**

* High availability and uptime.
* User-friendly interface.
* Data security and encryption.
* Compatibility across major browsers and devices.

**2.3Hardware and Software Requirements**

**2.3.1 Hardware Requirements**

* Development Server: Minimum 4GB RAM, 256GB SSD, Dual-Core Processor.
* User Devices: Desktop or mobile device with internet connectivity.

**2.3.2 Software Requirements**

* Backend: Core PHP
* Frontend: HTML, CSS, JavaScript
* Database: MySQL
* Development Tools: XAMPP, VS Code
* Testing Tools: Google Chrome
* Operating Systems: Windows 7, 8, 10, 11

**2.4 Planning and Scheduling**

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| --- | --- |
| Task | Duration |
| System Analysis | 15 days |
| Project Planning | 10 days |
| Database Design | 20 days |
| Development | 30 days |
| Testing | 15 days |
| Deployment and Modifications | 10 days |

**3: References**

* **W3Schools**:<https://www.w3schools.com/php>
* **Control Finance:** https://controle.finance/