DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
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Orgofin Books

Project Presentation
Developed at SYS Labs, Hyderabad
Presented by: Shivani.D

Introduction

- Orgofin Books is a cloud-based financial management and accounting system.
- It manages, organizes, and analyzes financial and operational data.
- Handles invoicing, clients, vendors, expenses, payroll, and reporting.
- Provides a secure and scalable platform for startups and small businesses.

Objectives of the Project

- • Develop a complete accounting and finance management system.

- • Automate manual accounting tasks and improve efficiency.

- • Help organizations track income, expenses, and profits easily.

- • Provide accurate financial reports and ensure data integrity.

- • Gain real-world experience in project development.

System Overview

- • Modular architecture where each feature works as a separate module.
- • Developed using React.js for frontend and Node.js for backend.
- • PostgreSQL is used for storing and managing financial records.
- • Modules communicate through APIs to ensure smooth data flow.

Main Features of Orgofin Books

- 1. Dashboard Module:
- • Displays total revenue, profit, and expenses.
- • Shows charts for monthly performance and pending invoices.

- 2. Invoicing Module:
- • Creates and manages invoices for clients and vendors.
- • Supports tax (GST), discounts, and multi-currency billing.
- • Generates PDF invoices and sends reminders.

- 3. Client & Vendor Management:
- • Maintains client and vendor details with contact and tax info.
- • Connects clients/vendors to related invoices and payments.

- 4. Expense Management:
- • Tracks and categorizes expenses.
- • Allows receipt uploads and recurring expense setup.

- 5. Banking & Reconciliation:
- • Imports and reconciles bank transactions.
- • Displays balances, deposits, and withdrawals.

- 6. Reports and Analytics:
- • Generates Profit & Loss, Balance Sheet, and Tax Summary.
- • Exports reports in PDF or Excel format.

- 7. Payroll and Payouts:
- • Manages salaries and vendor payments.
- • Automates payroll entries.

Technology Stack

- • Frontend: React.js, Material UI
- • Backend: Node.js, Express.js
- • Database: PostgreSQL
- • Version Control: Git and GitHub

My Role – Shivani.D

- During my internship at SYS Labs, I worked on two key modules:

- 1. Invoicing Module:

- • Developed features for creating, updating, and managing invoices.

- • Integrated tax calculation, total amount, and discount logic.

- • Generated PDF invoices and implemented recurring billing.

- • Added automatic payment reminders.

2. Client & Vendor Management:

• Built features to add, edit, and view client/vendor details.

• Linked clients/vendors with invoices and payments.

• Added data validation and search/filter options.

Overall Contribution: Improved automation and accuracy in billing and client handling.

Advantages of Orgofin Books

- Simple and user-friendly interface.
- Automates manual accounting work.
- Saves time and improves accuracy.
- Generates detailed financial reports.
- Scalable for different business sizes.

Limitations

- Requires internet connection for web access.
- Needs regular updates for new tax or feature changes.
- Basic user training needed for beginners.

Applications

- Useful for startups, SMEs, and accounting firms.
- Suitable for educational and research institutions.
- Helps service providers manage billing.

Future Enhancements

- Integrate AI for financial forecasting and analytics.
- Develop a mobile app for invoice and expense tracking.
- Improve dashboard design and visualization.

Conclusion

- Orgofin Books is a modern and efficient financial management system.
- Simplifies accounting and improves accuracy.
- Demonstrates knowledge of React, Node.js, and PostgreSQL.
- Contributes to digital transformation in finance management.

Thank You

- Project: Orgofin Books
- Developed at: SYS Labs, Hyderabad
- Presented by: Shivani Dharavath