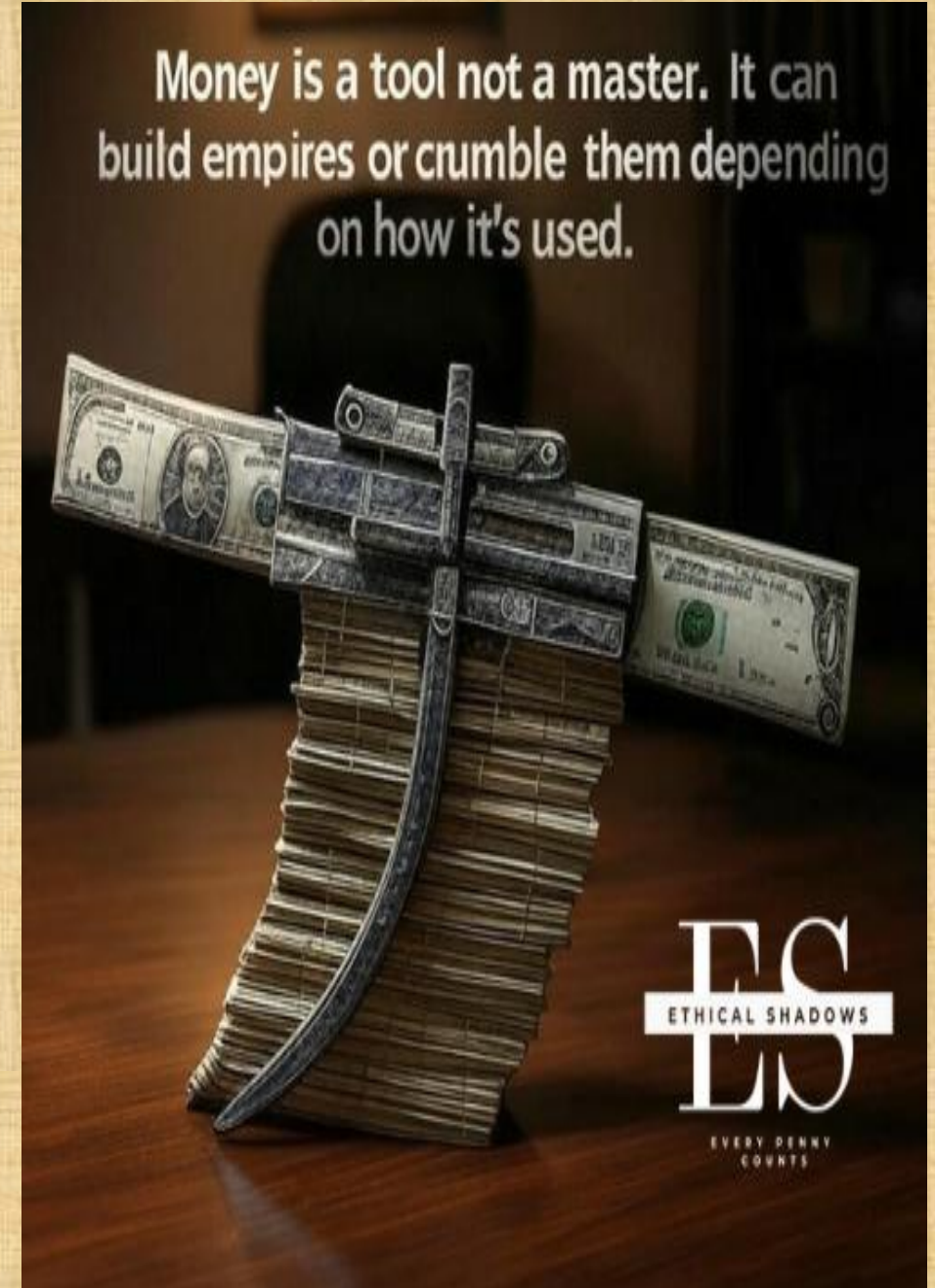


Ethical Shadows in Financial Management system: An Overview

**Ethical Shadow is your smart, student-first finance assistant
— helping you track spending, save better, and take charge of your money with confidence.**





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PROBLEM STATEMENT

Priya, a college student on a tight budget, struggles to manage her monthly expenses. With limited income from allowances or part-time jobs, she finds it hard to track spending, often overspends, and rarely saves for personal goals—like buying a concert ticket. She needs a simple, smart solution to monitor her expenses, categorize spending, and get personalized money-saving tips. The goal is to build a personal finance assistant that helps students like Priya take control of their finances through features like budget tracking, goal setting, smart insights, and spending alerts—making money management easier and more effective.

Our Development Procedure: A Step-by-Step Approach

User Needs Analysis

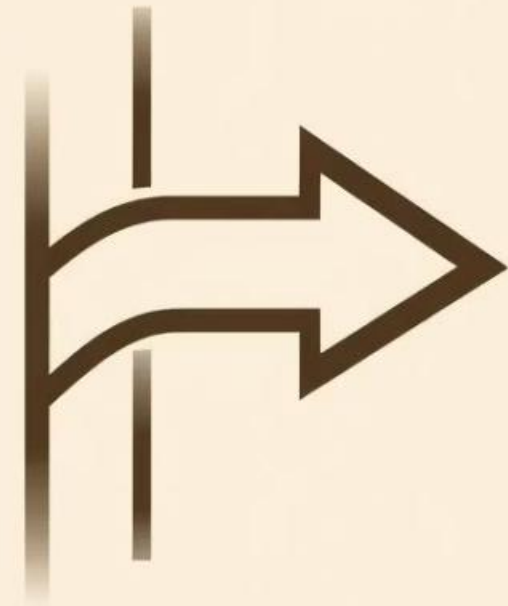
Understanding user pain points and financial goals to inform system design.

Ethical Framework Development

Establishing clear guidelines for data usage, transparency, and user protection.

System Design & Development

Building a secure, transparent, and user-friendly financial management system.





Sources and Tools: Building a Robust System

Html &css

Used for front-end development

Javascript and hypertext preprocessor(PHP)

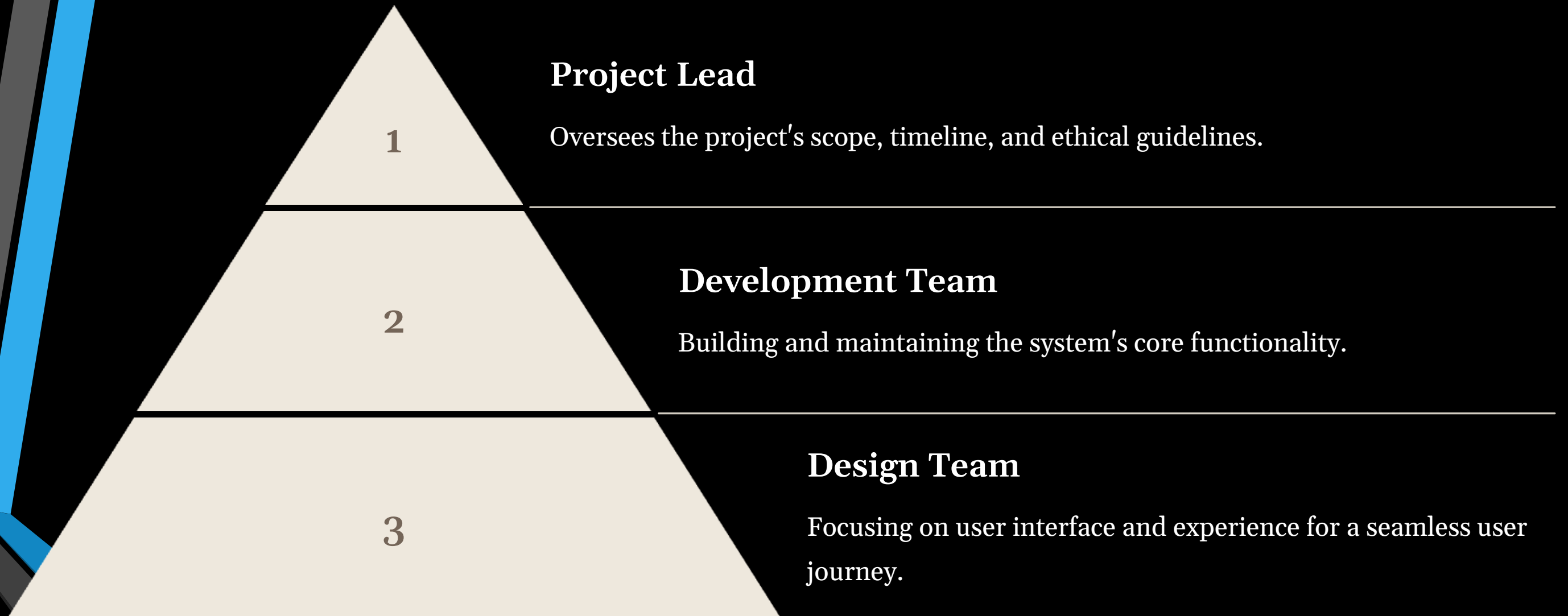
For dynamic and back-end website

Open-Source Libraries & ai

Php mailer we used to set up the system generated mail

And ai we have used for content writing and image generation .

Task Assignment & Working Divisions



Day-by-Day Progress Updates

1

DAY 1

Define system requirements, complete user research, and initiate database design.

2

DAY 2

Develop the core user interface, implement basic security features, and begin testing.

3

DAY 3

Integrate financial calculations, enhance security, and conduct comprehensive testing.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
						4
9	3	14	10	25	17	
20	18					





Experiences: Challenges & Key Learnings



Balancing User Privacy & Functionality

Finding the optimal balance between data collection and user privacy.



Developing Transparent Algorithms

Making financial calculations understandable and trustable for users.

Conclusion: Building a Better Future for Financial Management

This project represents a step towards a more ethical and transparent future in financial management. Our system aims to empower users to manage their finances responsibly, understand financial decisions, and build a secure financial future.

