MoneyMap: Agile & Kanban for Visual Budget & Expense Tracker

Welcome to our presentation on the MoneyMap project. We're excited to share how the Agile methodology and Kanban framework will drive our development of this intuitive visual budget and expense tracker.

Why Agile & Kanban for MoneyMap?

MoneyMap is designed to simplify financial management through visual budget tracking, expense categorization, and manual entry.

Our team—Ashim Gurung, Ayush Pun, and Sanjeel Gurung—will leverage Agile's iterative approach, especially for UI/UX, ensuring continuous customer feedback and adaptability to evolving user needs.

Agile Fundamentals: Values & Benefits

Iterative Development

Enables continuous refinement of UI/UX, delivering functional components rapidly.

Customer Collaboration

Integrates feedback early and often, ensuring features align with user needs.

Adaptability

Allows for flexible responses to changing requirements and market shifts.

Kanban Framework: Visual Workflow

Backlog

Prioritized list of features and user stories, ready for development.

Analysis

Detailed breakdown of user stories and technical requirements.

Development

Coding and implementation of features.

Testing

Quality assurance and bug identification.

Review

Stakeholder feedback and acceptance.

Done

Completed and deployed features.

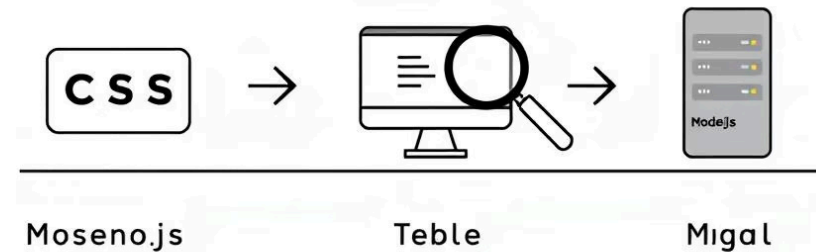# MoneyMap Kanban Board in Action

Our Kanban board visually tracks MoneyMap's progress, from "Backlog" to "Done." User stories like "As a user, I want to manually log expenses" move through "Analysis," "Development," "Testing," and "Review," ensuring a clear, continuous flow.

Continuous Delivery & Technology Stack

Our development workflow emphasizes continuous flow and a pull-based system. Daily standups ensure seamless coordination.

MoneyMap leverages HTML, CSS, JS for frontend, Node.js for backend, and MySQL for database management. This stack supports our continuous integration and testing.

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Benefits & Potential Challenges

Benefits

- Faster user feedback on UI/UX
- Better handling of technical challenges
- Improved team collaboration and communication
- Higher quality deliverables

Challenges

- Academic project constraints and deadlines
- Team coordination across different tasks
- Balancing Agile flexibility with structured requirements
- Learning curve for new Agile practices

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Conclusion & Next Steps

Agile & Kanban Synergy

Agile principles combined with Kanban's continuous flow will optimize MoneyMap's development.

Commitment & Flow

Our team is committed to Kanban practices for efficient, high-quality delivery.

Workflow Initiation

Next steps involve formalizing the Kanban board and initiating the first set of user stories.

Thank you. We are now open for any questions regarding our methodology and the MoneyMap project.