

SMART BUDGET SCHEDULER

# Team 9

## IEEE-HKN

# International Hackathon 2025

Plan academic-year budgets, watch expenses  
in real time, and never miss a funding deadline



# A Cockpit for Treasurers



## Essential Features Unveiled

### Real-time Tracking

The Smart Budget Scheduler provides **real-time visibility** into financial performance, allowing treasurers to compare actual vs. projected balances, ensuring informed decisions and effective budget management throughout the academic year.

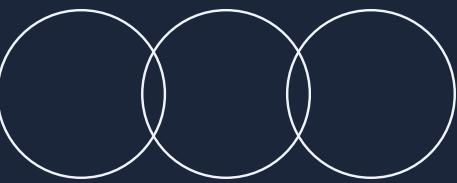
### Academic Year Filtering

Tailored to the unique cycles of IEEE-HKN, the **academic year filtering** feature enables treasurers to align budgets accurately, facilitating smoother financial planning and compliance with institutional requirements.

### Deadline Radar

The integrated **Deadline Radar** proactively alerts users to critical funding deadlines, preventing missed opportunities and ensuring timely financial actions, ultimately enhancing compliance and accountability within budget management.

# Beyond Basic Budgeting



## Enhancements for Efficiency

### Event-Linked Budgeting

This feature allows treasurers to allocate funds specifically for events, ensuring precise tracking of expenses and better financial planning tailored to each event's unique needs and requirements.

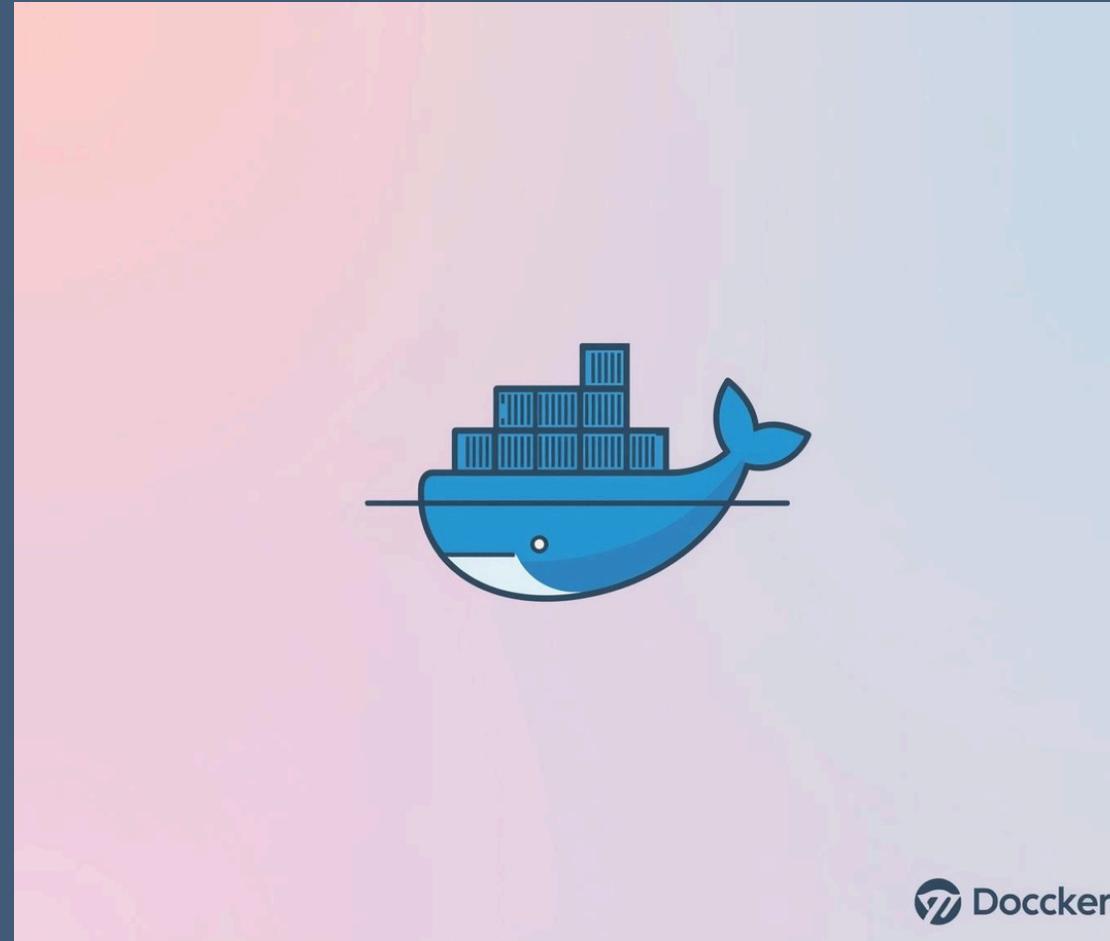
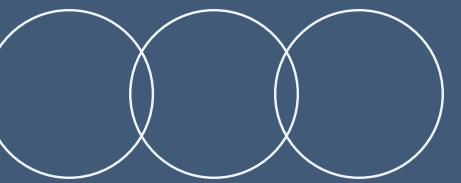
### Receipt Upload Management

Treasurers can easily upload receipts for expenses directly into the system, facilitating audit-proof record keeping and enhancing transparency in financial documentation throughout the budget cycle for compliance purposes.

### Visual Analytics

The integration of dynamic charts empowers treasurers to analyze financial trends, providing clear visual insights that support data-driven decision-making and enhance overall budgetary understanding and management.

# Modern Technology Stack



## Docker Containerization

Enables seamless deployment and scalability with efficient resource management.

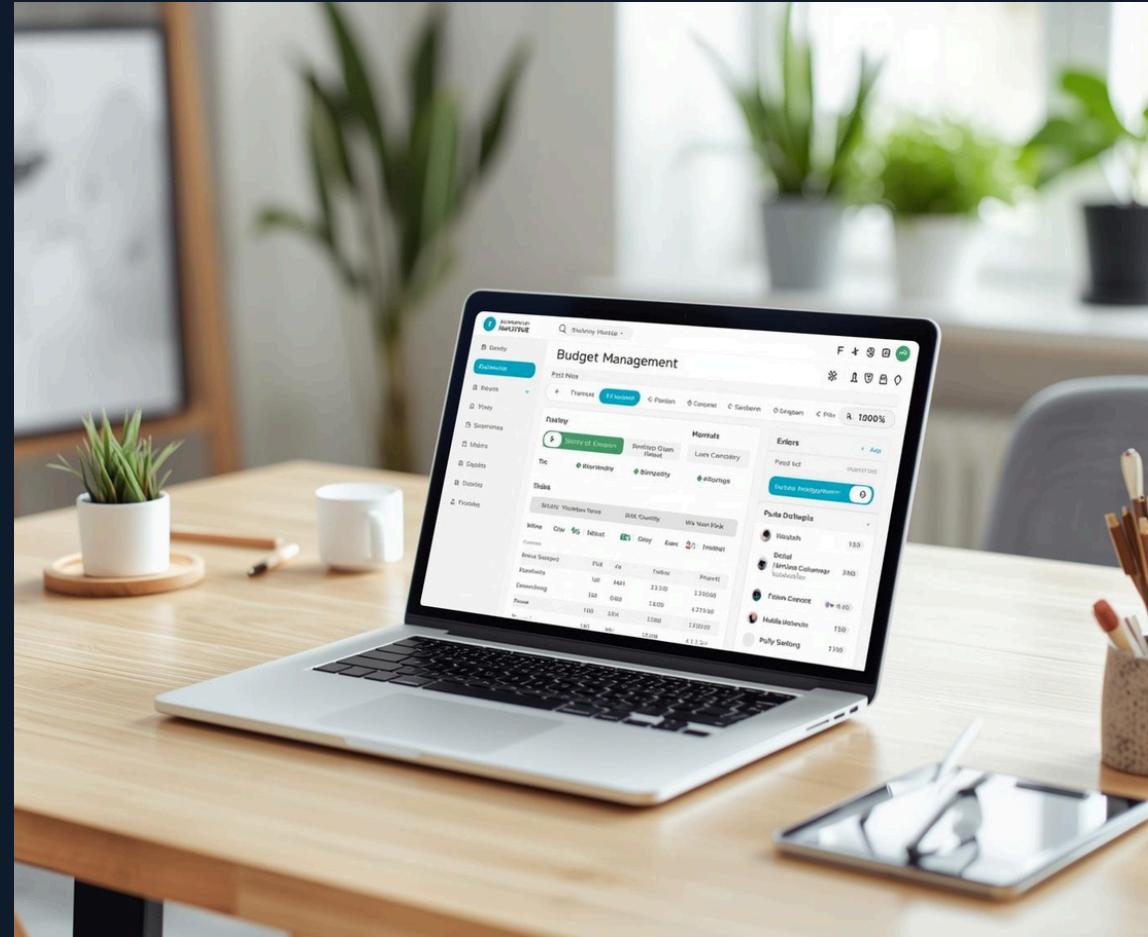
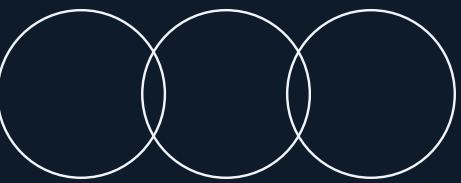
## Tech Stack

Utilizes modern frameworks ensuring robust performance and reliability.

## Advanced Security

Protects sensitive data with multi-factor authentication and security measures.

# Seamless Operations



## One-click Exports

Effortlessly generate reports in PDF and CSV formats anytime.

## Intuitive UI

Designed for quick access, minimizing training and enhancing usability.

## Optimized Workflow

Streamlined processes reduce administrative overhead and user errors.

# Open Source Ready

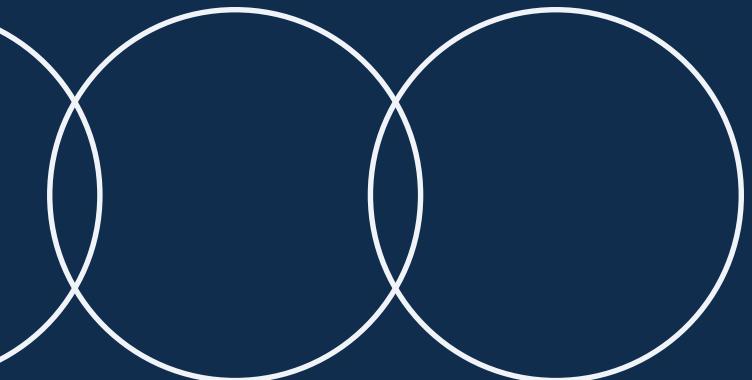
Join us in revolutionizing budget management today

## Fully Open Source

Our Smart Budget Scheduler is entirely open source, allowing **immediate access** for IEEE-HKN chapters to customize and deploy, ensuring that every treasurer can find the solution tailored to their needs.

## Live Demo Available

Experience the capabilities of the Smart Budget Scheduler firsthand through our live demo, showcasing its features and functionality, empowering you to seamlessly manage and track your budgets effectively.



# Thank You! Connect with Us

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