

Project Status Report I

Date of Report Issue/Prepared: February 2, 2025

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Employer/Organization:

Project Name:	Budget Boss	
Project Team:	Adam Simcoe, Christian Do, Nhan Tran, Nhu Ly, Trang Nguyen	
Period Reporting:	Adam Simcoe, Christian Do, Nhan Tran, Nhu Ly, Trang Nguyen	
Overall Project Health:	Start Date: Jan 07, 2025	End Date: Feb 02, 2025
	Green (Good)	

Summary

Project Status Summary

The Budget Boss application has been developing on schedule, with most backend features well underway. Our work over the past month has brought us to a point where we have been able to sufficiently develop the majority of our application’s tabs at a base functionality space. There are still many features we wish to add and fine-tune that can be found in our planned activities section, but as of February 2nd, 2025 our app is still able to showcase a base level of functionality in line with the expectations of our initial demonstration within week 6. We hope to continue our progress with our application in the upcoming weeks to further improve our overall UI elements, along with adding some new backend operations, and adding in the reports tab as our next key focus points.

Accomplishments As Planned	Planned but not Accomplished
Basic navigation with tabs and drawer has been completed.	The Transaction tab allows users to choose different months to review.
Login and SignUp screens have been designed and implemented.	Integrate the overview tab with the back-end database to show dynamic data from users.
Backend integration for securely saving user data has been completed.	Create logo and splash screen

Password hashing and JWT-based authentication have been implemented for security.	Category logos for Budget summary page
The Transaction tab shows expenses and income from a specific user.	Category spent and category remaining from budget summary page
The Transaction tab shows expenses and income for a specific month.	Category spent data col in budgets table
Expenses and income are calculated and colour coded for better visualization.	Edit/Delete operations for budgets backend
Design and implement the schema logic for the Categories table.	Edit/Delete options for budget summary page
Create necessary visual components for the Categories tab.	
Integrate backend and front-end to implement customizing categories (CRUD)	
Implement secure backend routing and data fetching for categories.	
The create transactions tab that allows users to create their own transaction after login.	
The overview tab shows the transactions of different months using dummy data.	
Created budgets table schema	

Created budgets stack navigator for the Budgets tab to allow switching between the form page and the summary page	
Added backend setup for budgets tab to allow creation of new budget entries, and allow the fetching of budgets based on the month/year.	
Added frontend for budgets form (COMPLETE), and for budgets summary page (PARTIALLY COMPLETE - See Planned but not accomplished section)	

		Planned Activities/Tasks for Next Period	
Activity/Task	Assigned To	Duration	Date
Design Edit Profile UI	Trang Nguyen	1 day	Feb 3rd, 2025
Develop backend API for profile updates	Trang Nguyen	2 days	Feb 6th, 2025
Implement Change Password functionality	Trang Nguyen	2 days	Feb 10th, 2025
Test account update/error handling	Trang Nguyen	1 day	Feb 14th, 2025

DesignFeedback Form UI	Nhan Tran	1 day	Feb 5th, 2025
Set up Formspre endpoint for submissions	Nhan Tran	1 day	Feb 10th, 2025
Test form submission and email notifications via Formspre	Nhan Tran	1 day	Feb 14, 2025
Design Contact Support UI	Trang Nguyen	1 day	Feb 17th, 2025
Design FAQ UI	Adam Simcoe	1 day	Feb 7th, 2025
Compile common FAQs for users	Adam Simcoe	2 days	Feb 13, 2025
Brainstorm logo concepts	Trang Nguyen	1 day	Feb 14, 2025
Design logo and splash screen	Trang Nguyen	5 days	Feb 22, 2025
Implement splash screen in React Native	Trang Nguyen	1 day	Feb 28, 2025
Identify all tech that needs to be replaced from planning phase to ensure support for all Budget Boss' designs	Nhan Tran Nhu Ly Adam Simcoe	1 day	Jan 31st, 2025

Create IconPicker component for Categories tab	Nhu Ly	3 days	Feb 5th, 2025
Implement Edit Categories Screen	Nhu Ly	3 days	Feb 5th, 2025
Implement default categories list for newly signed up users.	Nhu Ly	3 days	Feb 28th, 2025
Create UI components for Report Tab	Nhu Ly	2 weeks	Feb 28th, 2025
Integrate the overview with back end database	Christian Do	3 days	Feb 4th, 2025
Implement a better pie chart for the overview tab	Christian Do	3 days	Feb 7th, 2025
Design Notification Settings UI	Trang Nguyen	1 day	Feb 7th, 2025
Implement budget alerts and reminders	Nhan Tran, Adam Simcoe	3 days	Feb 21st, 2025
Test notification service	Nhy Ly, Nhan Tran	1 day	Feb 22nd, 2025
Design Income Form UI	Christian Do	1 day	Feb 21st, 2025
Develop backend API for income form	Christian Do	2 days	Feb 23rd, 2025

Store income data and update transaction list	Christian Do	2 days	Feb 28th, 2025
Finish UI of Budget Summary Page	Adam Simcoe	1 day	February 9th, 2025
Add new col in budgets table for tracking budget spending (to be used to track category spent frontend UI)	Adam Simcoe	1 day	February 9th, 2025
Update Budget form and Budget Summary with new added col	Adam Simcoe	2 days	February 16th, 2025
Add edit/delete operations to budgets backend	Adam Simcoe	3 days	February 23rd, 2025
Add edit/delete frontend UI on budgets summary page	Adam Simcoe	3 days	February 23rd, 2025
Add budget bar meter on summary page showcasing each category's amount spent vs amount remaining	Adam Simcoe	2 days	February 28th, 2025

	Milestones for Next Period	
Milestone (Objective)	Assigned To	Delivery Date
Fully functional Categories Tab	Nhu Ly	Feb 28, 2025
UI components for Report Tab	Nhu Ly	Feb 28, 2025
Create Logo and Splash Screen	Trang Nguyen	Feb 28, 2025
Implement Account Update Feature (Edit profile, change password, etc.)	Trang Nguyen	Feb 14, 2025
Develop User Submission Form for feedback and support requests	Nhan Tran	Feb 14, 2025
Design Contact Support Screen	Trang Nguyen	Feb 21, 2025
Create FAQ Section for troubleshooting and finance tips	Adam Simcoe	Feb 14, 2025
Implement Notification Settings	Nhan Tran	Feb 28, 2025
Fully updated Budgets Tab UI	Adam Simcoe	February 28th, 2025

Budgets backend fully encompasses all CRUD operations	Adam Simcoe	February 28th, 2025
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Managing Issues and Risk

Issues/Problems	Resolution Strategy	Due Date
While we were researching and learning about the tech stack we initially planned to use, we realized that it did not fully support our intended tasks.	Conduct additional research on available online resources to identify solutions that align with our current tech stack and effectively support our design requirements.	Feb 3, 2025
After diving into our outlined tech stacks, we realized that some require more time and effort to learn and master than others. While the basics of some technologies can be picked up quickly, certain stacks have more advanced concepts that are more challenging to understand. Topics like optimization, performance tuning, and security can take longer to grasp, and balancing learning with other	To address this, we plan to break down the learning process into smaller, more manageable parts. We'll focus on tackling one complex topic at a time, dedicating additional time for the more challenging areas, while also making sure that important deliverables are still completed on time. We'll also leverage support from team members and schedule extra study sessions when needed.	Feb 28, 2025

responsibilities can add extra pressure.		
While developing our design, we realized that some of the originally planned functions, aesthetics, and buttons wouldn't work intuitively based on the overall purpose we're trying to achieve. Certain features or layouts that seemed like a good idea initially ended up being confusing or not aligned with the user experience we want to create. This led to the need for adjustments to make the interface more intuitive and user-friendly.	To resolve this, we've been holding spontaneous 5-minute meetings throughout the week to quickly address the issue and gather everyone's input on what would be the simplest, most intuitive design for the users. These short check-ins allow us to quickly share thoughts and make decisions without taking up too much time, ensuring we stay on track. By incorporating everyone's perspective, we can create a design that balances functionality and user experience while staying aligned with our overall goals.	Ongoing

Upcoming Risks	Risk Ranking (Hi, Med, Low)	Risk Impact (Hi, Med, Low)	Mitigation Strategy
Data Breach or Security Vulnerability	H	H	Conduct regular security audits, encrypt sensitive data, and follow security best practices to mitigate risks

Low User Engagement	H	L	Enhance user engagement through improved features, personalized content, and marketing strategies.
Changes in Financial Regulations	H	L	Continuously monitor regulatory changes and plan for timely app updates.
Development Delays	M	L	Ensure to allocate buffer time in project timelines and regularly assess team progress.
Unexpected Costs	M	M	Regularly track expenses and adjust project scope or timeline as needed.
App Store Rejection	M	H	Thoroughly review app store submission guidelines and implement them early in the development process.
Delayed Market Feedback	M	L	Collect feedback from users early and regularly, and implement a continuous

			improvement process.
Incompatibility with Future OS Updates	M	L	Monitor updates from Android and React Native to ensure app compatibility.
Outdated Device Compatibility	L	L	Test app on older devices to ensure compatibility and minimize issues for users with legacy hardware.