



Smart Spender

a simple money planning app for students:

FIU

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Introduction:

1. Money planning is stressful for students
2. Paper notes or basic apps cause mistakes
3. No alerts for overspending
4. No clear savings tracking

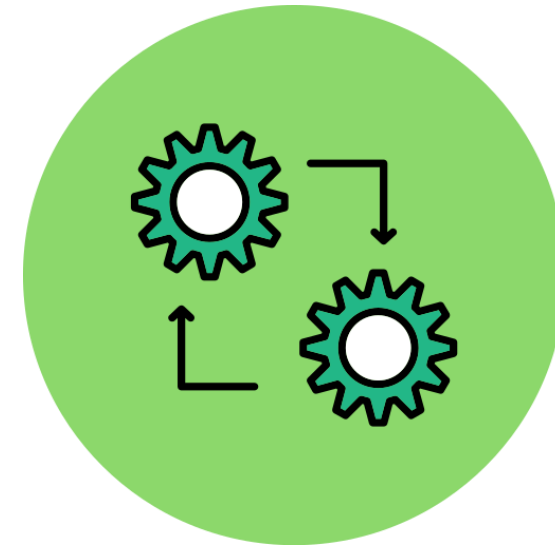




Methodology

Forms collect user income

- App collects user income
- App collects monthly spending
- Expenses grouped into categories
- System updates totals instantly

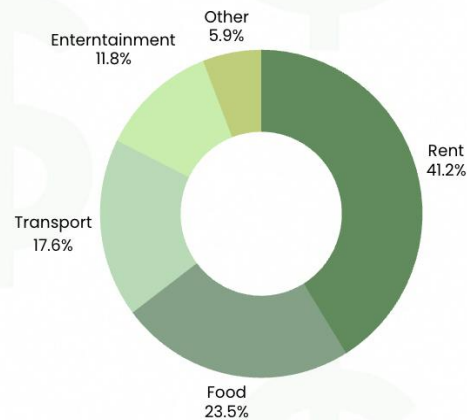


Results

- Overspend alerts work
- Category charts display
- Savings can be tracked



See where your **money** goes and take control of your **spending**...



Budget Overview \$

Monthly Budget: 2000

Total Spent: 1865

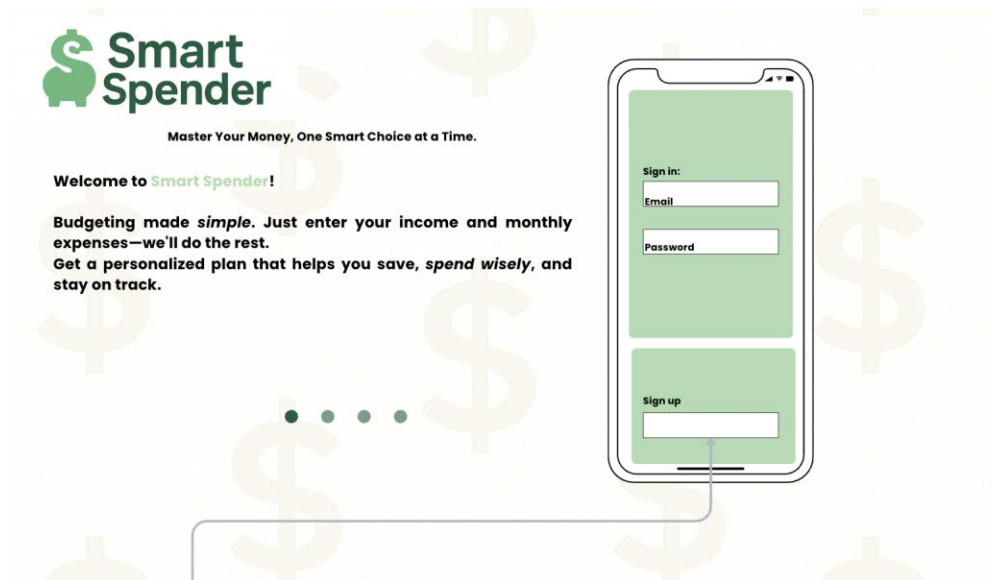
Remaining: 135

you stayed within your budget great job!

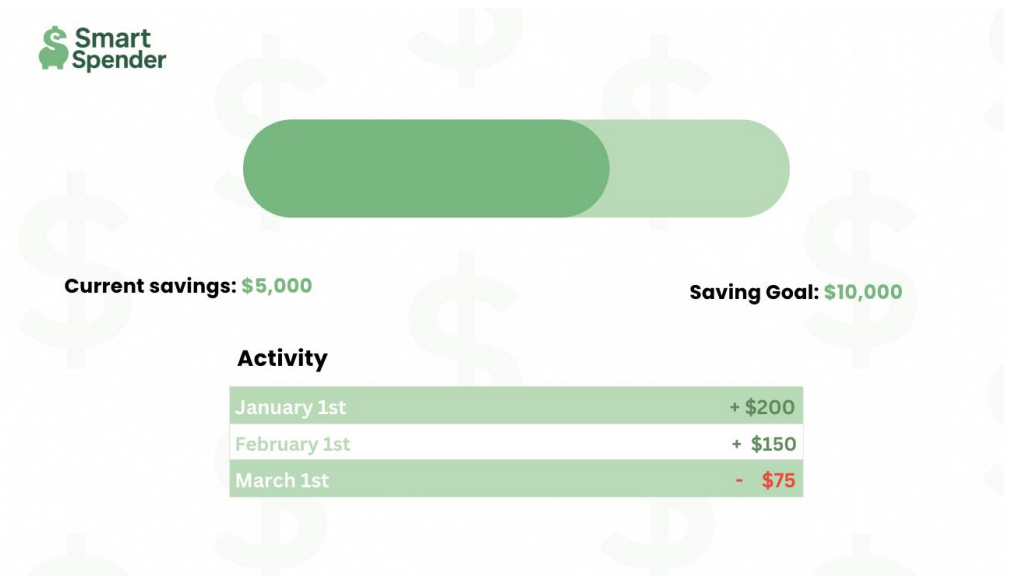
- You spent 22% more on dining this month. Consider eating out less next month.
- Transport costs are lower than average. Keep it up.
- Try setting a savings goal with the money left over.

System Design

Login UI built for safe entry



Dashboard UI shows totals and charts



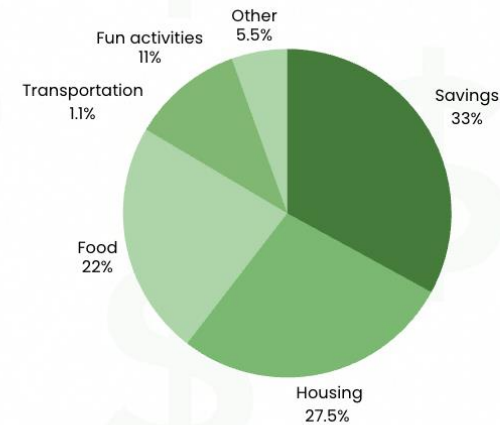
Object Design

Users see instant budget overview
Alerts stop overspending

- Object Design
- User object
- Income object
- Expense object
- Category object
- Saving goal object

Income Vs Expenses - Your Monthly Snapshot

Understand where your money is going, and
what's left to grow your savings.



Saving progress



System Architecture

Uses forms and
Web forms
send user input

Data moves
from UI →
backend →
dashboard



Conclusion

Login test
passed

Transaction
test passed

Alert test
passed



Thank you!

Thank you for reviewing:



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