SquidByteCoders

```
while(alive){
    eat();
    sleep();
    code();
    if(isWeekend()){
        takeABreak();
    }
}
```
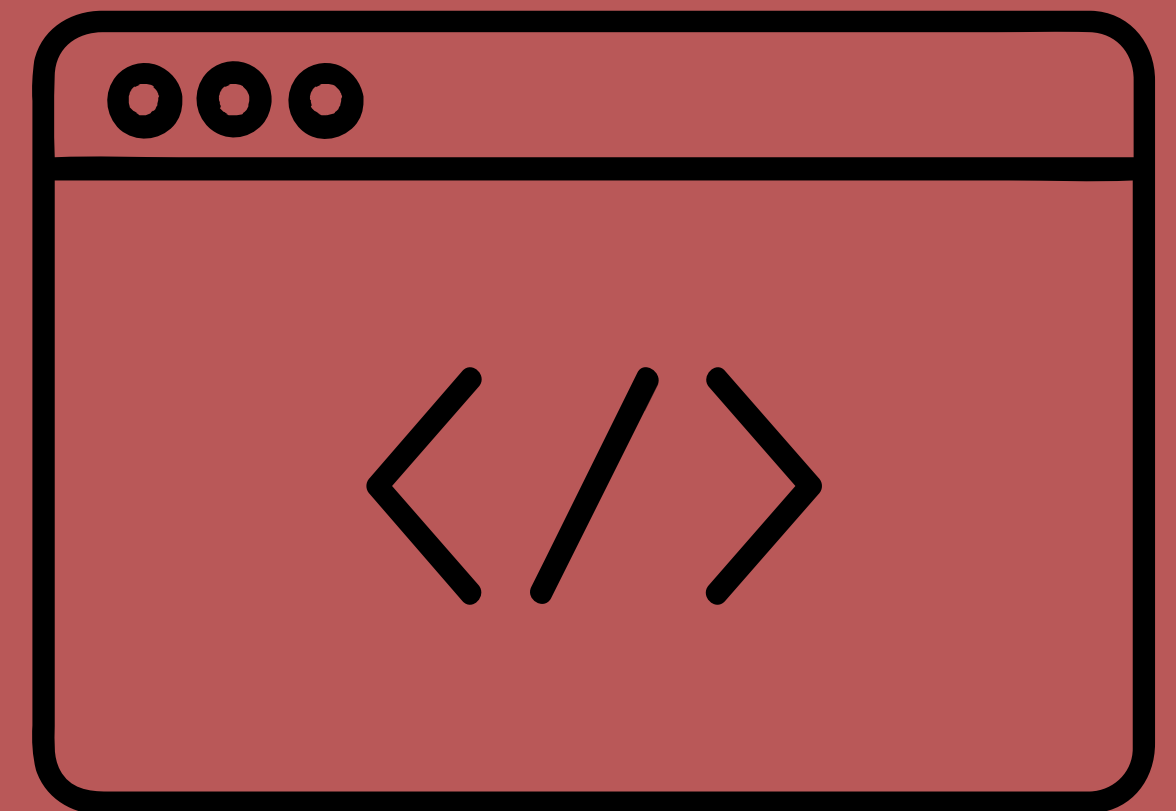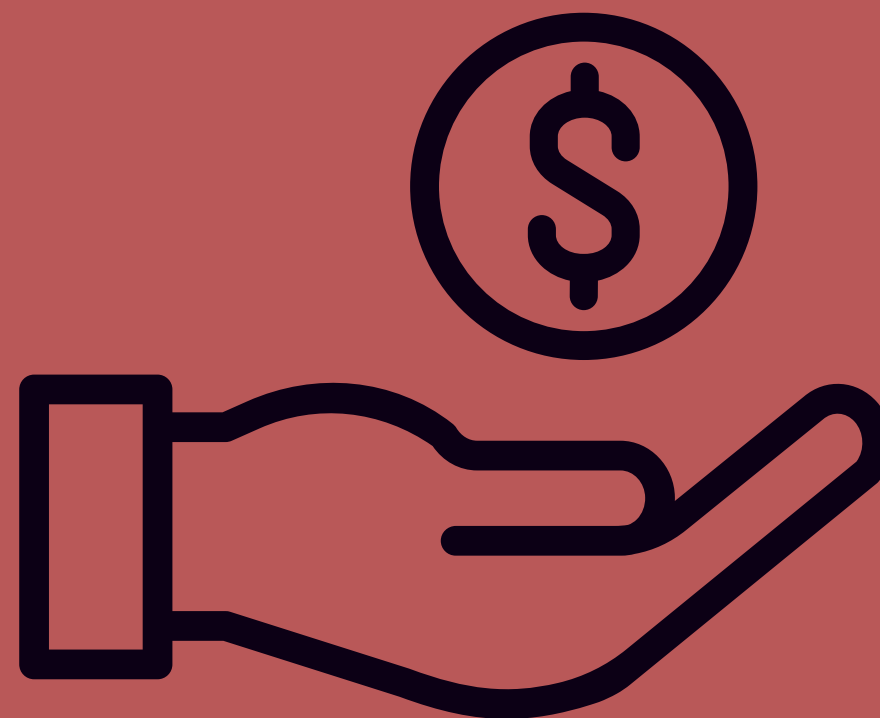
A presentation by:

Malwande Kunene
Siphesihle Mnyamana
Dananai Magezi

Good afternoon, my name is Dananai.
I am excited to present our project, Smart Finance Companion. A tool that makes managing money simple and fun
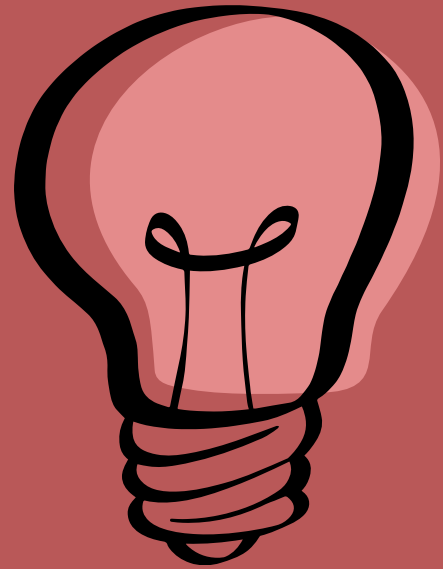
What is the problem?

Many people do not know how to read payslips, analyze their bank statements. As a result they struggle with overspending, saving money, and tracking financial goals.

Existing tools (such as BeMoneyWise @UJDigital, Finance videos on YouTube) are often hard to understand or take too long to understand which discourages users from using them

WE HAVE BUILT A SIMPLE, FUN AND ENGAGING SOLUTION TO SOLVE THIS PROBLEM!

Our solution!

We have built a web based system where the user can:
- Register and log in securely
- Upload payslips or bank statements
- Receive an easy to understand breakdown
- Chat with an AI assistant to get financial advice based on what they uploaded and questions they asked
- Set financial goals and track them
- Earn rewrds and badges through gamification
- Check their financial history overt time

Demo Flow

1. Login/Register
2. Upload payslip/Register
3. Show dashboard
4. Pop aquestion in the chatbot
5. Show goal tracker and gamification badges
6. Open history to review past uploads

Tech Stack

- Frontend: HTML, CSS, JavaScript.
- Backend: Node.js & Express.
- Database: Supabase (users, documents, goals, history, chat).
- Storage: Supabase Storage for uploaded payslips.
- Extra: Multer (file upload), Chart.js (graphs).

Benefits

Makes financial documents easy to understand.

Helps people avoid overspending and build savings habits.

Motivates users through badges, streaks, and challenges.

Keeps everything secure and personalized.

Future Plans

Build a mobile app version.

Add AI-powered financial forecasting.

Create a social leaderboard for savings challenges.

Conclusion

Smart Finance Companion uses AI, gamification and financial tools to help people take control of their money in a way that is fun and easy to understand

Questions?