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CSE 4508

PROGRESS PRESENTATION

01

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ABOUT US

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PROJECT OVERVIEW

PERSONANCE

A Personal Finance Tracker

FEATURES

● Account Management

- Multiple account types with real-time updates

● Transactions

- Track incomes, expenses and fund transfers
- View transaction history

● Analytics

- User-specific account summary

● Budgets

- Create budgets & track them
- Get notified when exceeded

● Financial Goals

- Create goals & track them
- Get notified when reached

● Loans

- Add loan details & calculate repayable amount

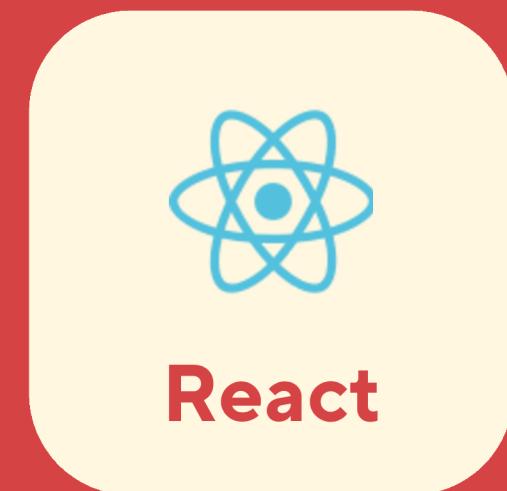
● Scheduled Payment

- Add recurring income/expenses

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TECH STACK

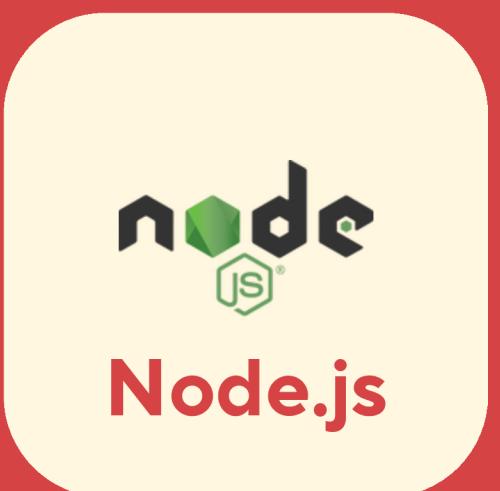
■ FRONTEND



■ DATABASE



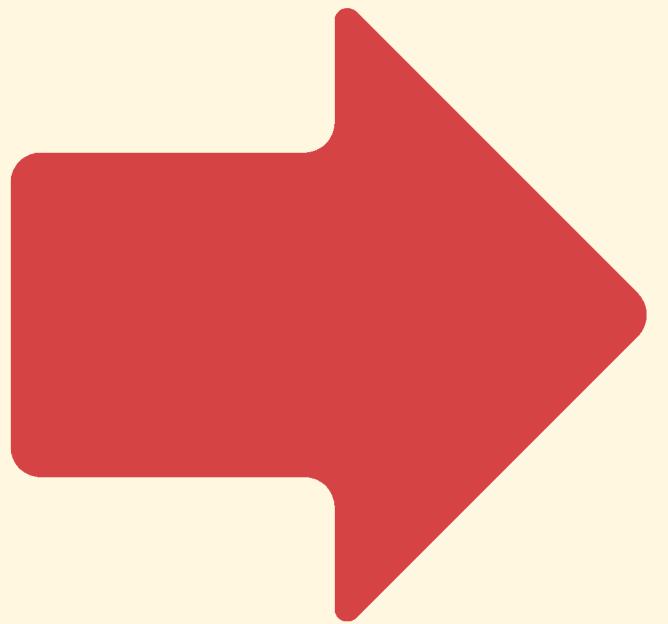
■ BACKEND

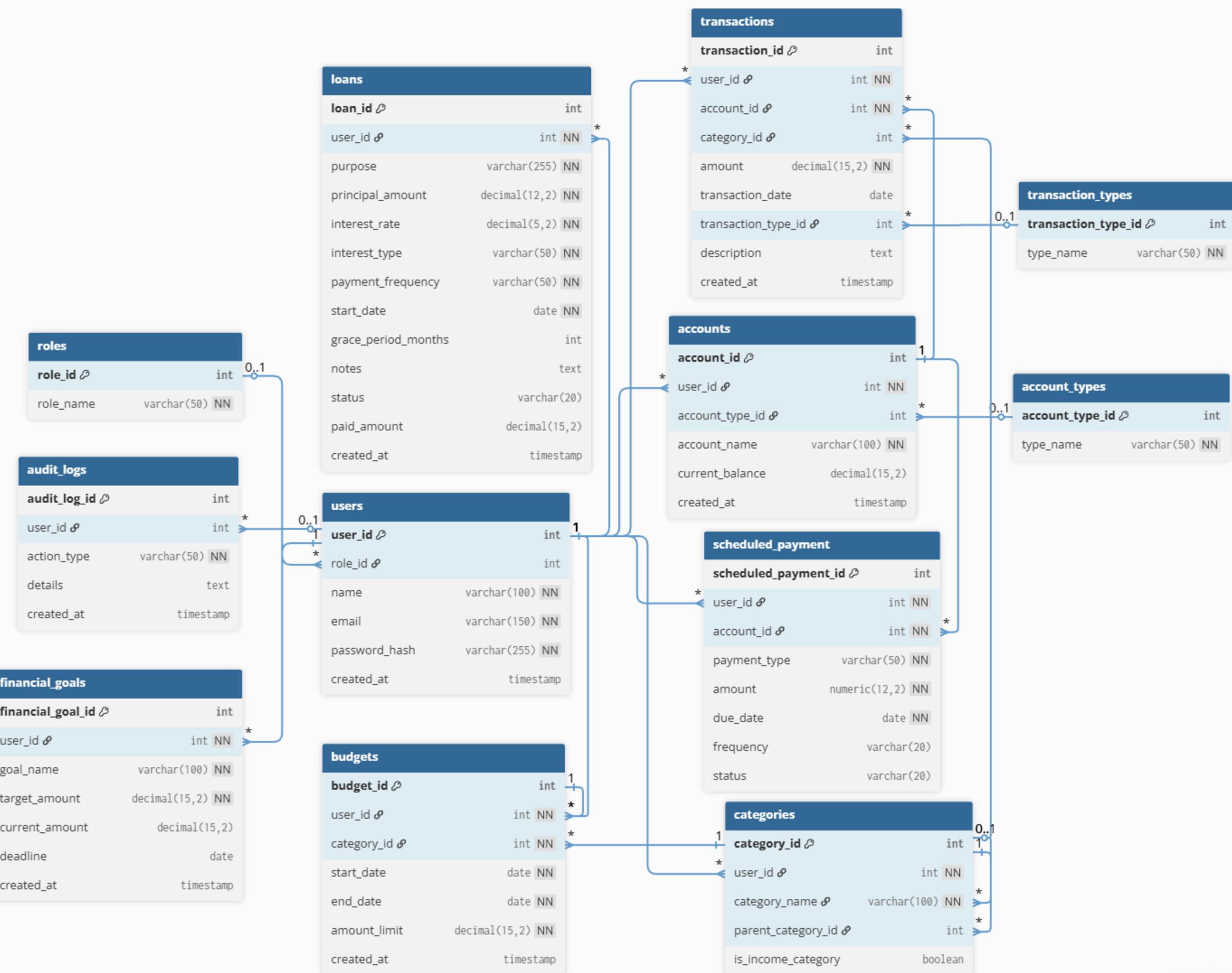


■ COLLABORATION



ER
DIAGRAM
WITH
SCHEMA





CURRENT STATUS

- **Account Creation & Management**
 - Create multiple accounts which are updated in real-time via triggers
 - Total balance is calculated based on the accounts
- **Transactions**
 - Add incomes/expenses to accounts and transfer funds between accounts
 - Transactions are validated using triggers
 - Users can also view their transaction history

- **Budgets**

- Create budgets and get notified when the budget is exceeded
- On exceeding, users can either adjust or remove the budget

- **Financial Goals**

- Add goals to be notified when enough income is accumulated

- **Loans**

- Add loans to calculate repayable amount based on interest



DEMONSTRATION

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GITHUB

github.com/juhanjarif/personance

THANK
YOU