

WHO ARE WE?

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Cadets in IT Talents Season 11

FINANCE TRACKER PROJECT

Main functionalities:

- Register
- Login
- Log out
- Add account
- Make transfers between accounts
- Make transactions
- Create budgets
- Create planned payments
- References

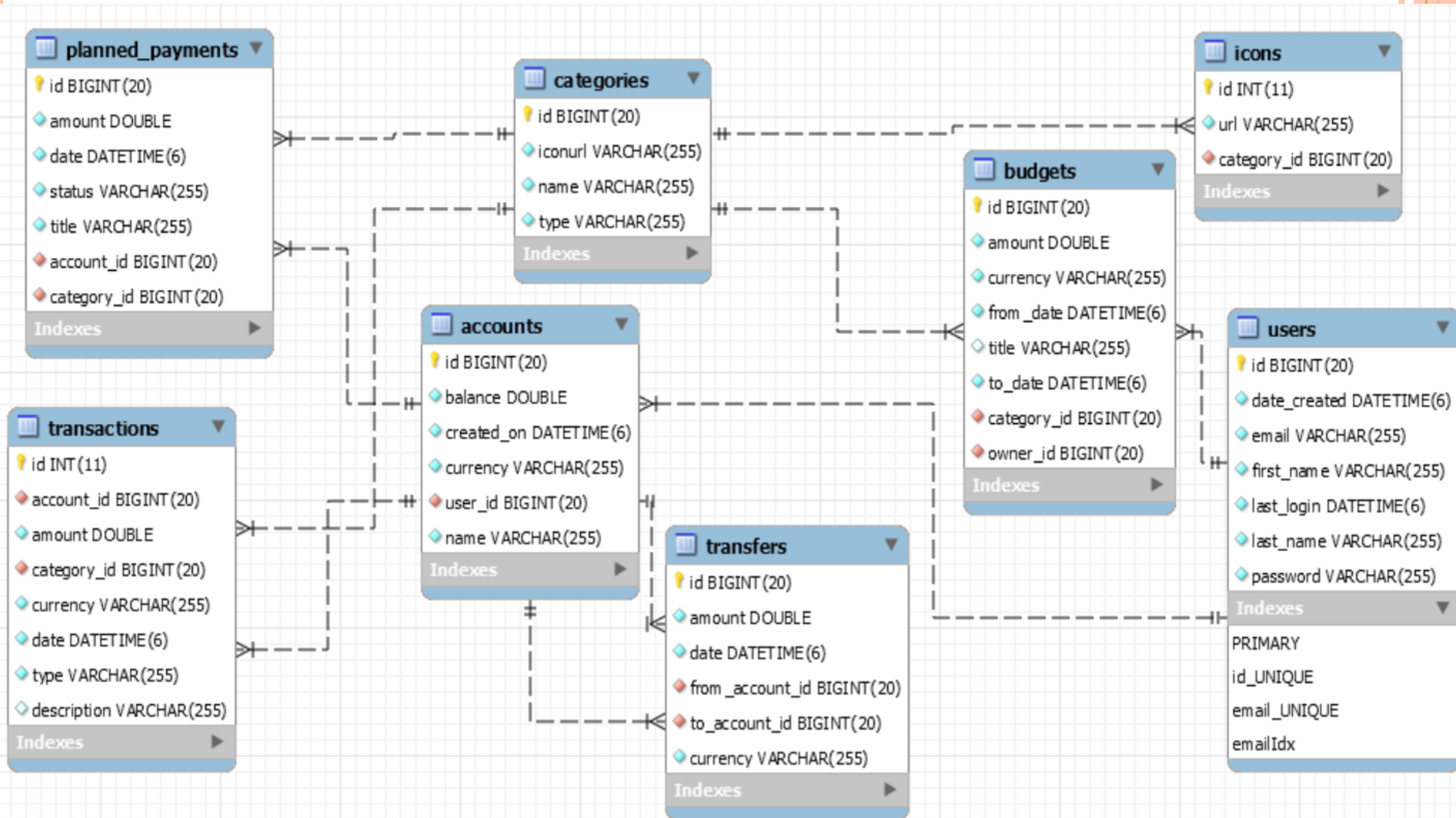


USED TECHNOLOGIES

- JavaEE
- MySQL Workbench
- Hibernate
- Maven
- Spring Boot
- APIs and libraries:
 - BCrypt
 - Java Money and Currency
 - iText and PdfBox
 - Lombok
 - JavaMail
 - Spring Data JPA
- IDE: IntelliJ Idea
- GIT
- Postman



DB DIAGRAM



CLASS DIAGRAM

Controllers

- Account Controller
- Budget Controller
- Category Controller
- Planned Payment Controller
- Transaction Controller
- User Controller

Services

- Account Service
- Budget Service
- Category Service
- Planned Payment Service
- Transaction Service
- Transfer Service
- User Controller

Repositories

- Account Repository
- Budget Repository
- Category Repository
- Planned Payment Repository
- Transaction Repository
- Transfer Repository
- User Repository

Utilities

- Mail Sender
- Currency Convertor
- Session Manager
- Logged Interceptor
- Controller Configuration



CLASS DIAGRAM - MODELS

POJOs

- Account
- Budget
- Category
- Currency
- Planned Payment
- Transaction
- Transfer
- Type
- User

DTOs

- Account DTO
- Budget DTO - 2 types
- Category DTO
- Planned Payment DTO - 2 types
- Transaction DTO - 2 types
- Transfer DTO - 2 types
- User DTO - 5 types

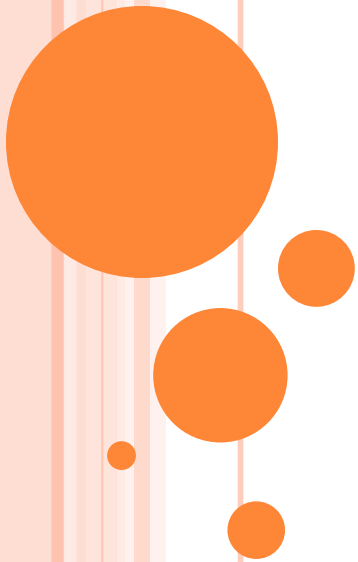
DAOs

- Icon DAO
- Planned Payment DAO
- Transaction DAO
- Transfer DAO

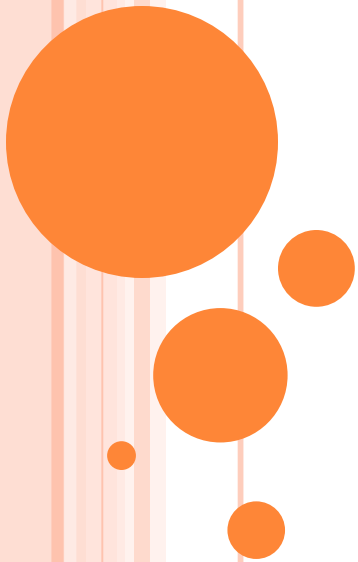


DEMO

Let's see how everything works!



CODE REVIEW AND QUESTIONS



**THANK YOU FOR
YOUR
ATTENTION!**

