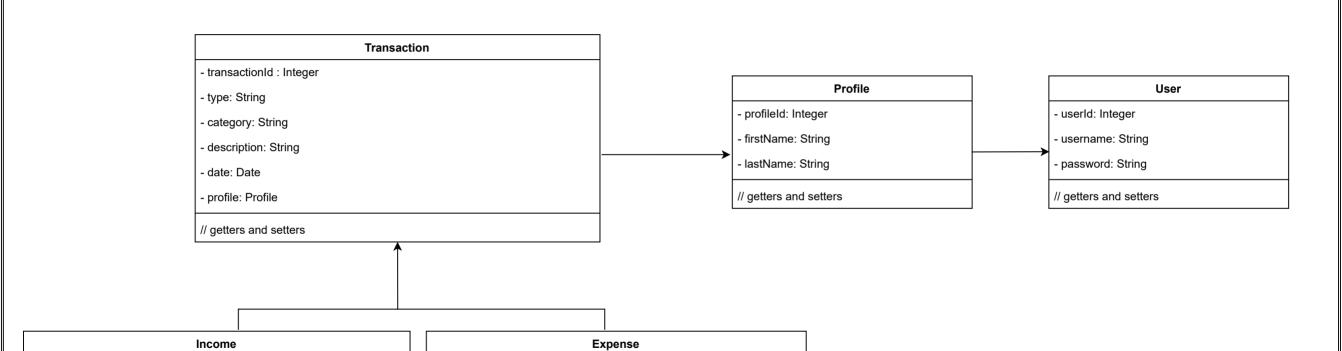
Model



Controller

ProfileController	
- profileService: ProfileService	
- userService: UserService	
+ addProfile(Profile profile, Authentication authentication): void	
+ getProfiles(Authentication authentication) List <profile></profile>	
+ deleteProfile(Integer profileId, Authentication authentication): void	
UserController	
- userService: UserService	
+ register(User user): void	

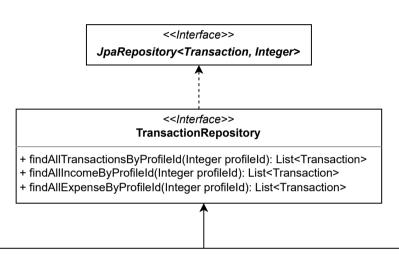
TransactionController

- profileService: ProfileService
- userService: UserService
- transactionServce: TransactionService
- $+\ get Transaction By Id (Integer\ transaction Id,\ Authentication\ authentication):\ Transaction$
- + getAllTransactions(Authentication authentication): List<Transaction> + getAllIncome(Authentication authentication): List<Transaction>
- + getAllExpense(Authentication authentication): List<Transaction>
- + addIncome(Income income, Integer profileId, Authentication authentication): void + addExpense(Expense expense, Integer profileId, Authentication authentication): void

+ getAllTransactionsByProfileId(Integer profileId, Authentication authentication) List<Transaction>

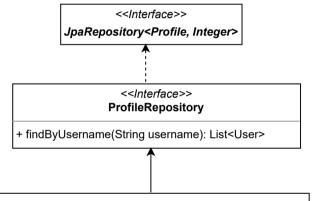
- + deleteTransactionById(Integer transactionId, Authentication authentication): void
- + updateTransaction(Transaction transaction, Authentication authentication): void

Service/Repository



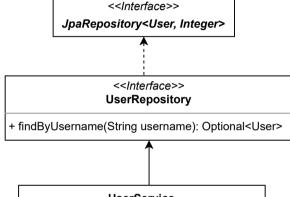
TransactionService

- transactionRepo: TransactionRepository
- + addIncome(Income income, Profile profile, Authentication authentication): void
- + addExpense(Expense expense, Profile profile, Authentication authentication): void
- + deleteTransactionByld(Integer id, Authentication authentication): void
- + updateTransaction(Transaction transaction, Authentication authentication)
- + getTransactionByld(Integer id, Authentication authentication): Transaction
- + getAllTransactionsByProfileId(Integer profileId, Authentication authentication): List<Transaction>
- + getAllTransactions(Llst<Profile> profiles): List<Transaction>
- + getAllIncome(List<Profile> profiles): List<Transaction>
- + getAllExpense(List<Profile> profiles): List<Transaction>



ProfileService

- profileRepo: ProfileRepository
- + addProfile(Profile profile, User user): void
- + getProfiles(User user): List<Profile>
- + findProfileById(Integer id): Profile
- + deleteProfileById(Integer id, Authentication authentication)



UserService

- userRepo: UserRepository
- passwordEncoder: PasswordEncoder
- + addUser(User user): void
- + findUserById(Integer id): User
- + findByUsername(String username): User