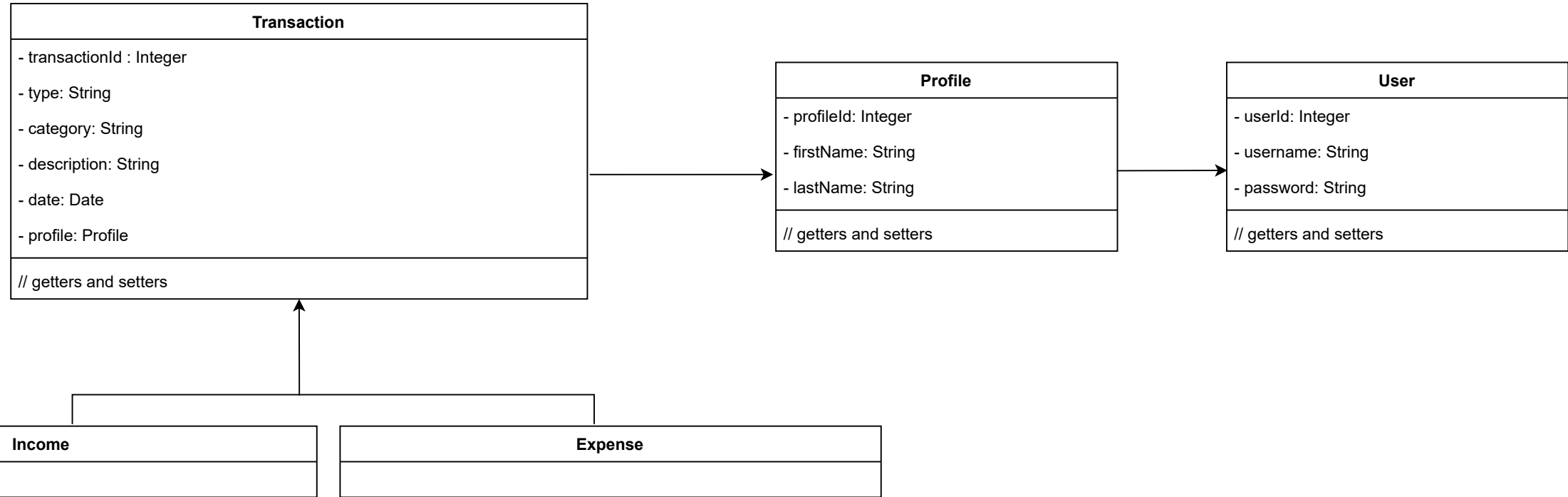


## Model



# Controller

## ProfileController

- profileService: ProfileService

- userService: UserService

+ addProfile(Profile profile, Authentication authentication): void

+ getProfiles(Authentication authentication) List<Profile>

+ deleteProfile(Integer profileId, Authentication authentication): void

## UserController

- userService: UserService

+ register(User user): void

## TransactionController

- profileService: ProfileService

- userService: UserService

- transactionService: TransactionService

+ getTransactionById(Integer transactionId, Authentication authentication): Transaction

+ getAllTransactionsByProfileId(Integer profileId, Authentication authentication) List<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

+ deleteTransactionById(Integer transactionId, Authentication authentication): void

+ updateTransaction(Transaction transaction, Authentication authentication): void

# Service/Repository

