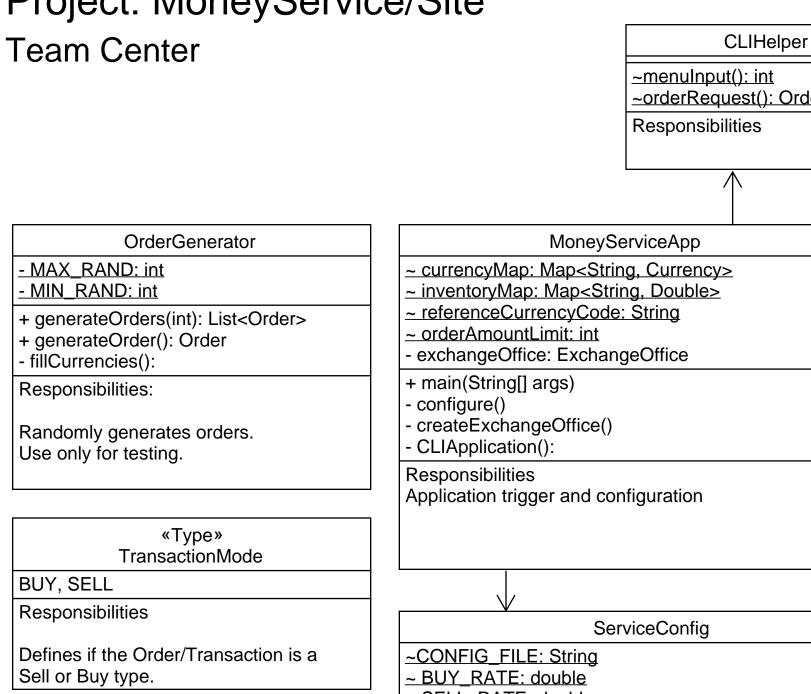
## Project: MoneyService/Site



currencyCode: String exhangeRate: double

Responsibilities

+ Currency(String, double) + getExhangeRate(): double + getCurrencyCode(): String + setExhangeRate(double):

1..n

~menuInput(): int ~orderRequest(): Order «Creates» «Value Type» Order orderNrCounter: int orderNr: int «Interface» - mode: TransactionMode MoneyService currencyCode: String amount: int + buyMoney(Order orderData): boolean - timeStamp: LocalDateTime + sellMoney(Order orderData): boolean + Order(TransactionMode, String, int) + printSiteReport(String destination): + getOrderNr():int + shutDownService(String destination): + getMode(): TransactionMode + getCurrencyMap(): Map<String, Currency> + getCurrencyCode(): String + getAvailableAmount(String currencyCode): Optional<Double> + getAmount(): int Responsibilities + getTimeStamp(): LocalDateTime Responsibilities Rules for Money Services. Holding information about the requested exchange and generate a unique identification of the order. «Uses» ~ SELL\_RATE: double ExchangeOffice +readCurrencyConfigFile() +readProjectConfigFile() name: String +readMoneyServiceConfigFile() completedTransactions: List<Transaction> «Value Type» inventory: Map<String currencyCode, double amount> Responsibilities Transaction Applicationi configuration is set up + ExchangeOffice(String, Map<String, double>) - serialVersionUID: Long from a passed file. id: int Currently using validateOrderBuy(Order, double): boolean timeStamp: LocaleDateTime CurrencyConfig\_{YEAR}-{MONTH}-{DAY}.txt & - validateOrderSell(Order): boolean - currencyCode: String ProjectConfig.txt - amount: int Responsibilities - mode: TransactionMode readCurrencyFile should fill <u>- uniqueld: int</u> Defines a exchange office MoneyServiceApp.currencyMap. within the system. + Transaction(LocaleDateTime, String, int, TransactionMode) + getTimeStamp: LocalDateTime + getCurrencyCode: String «Creates» + getAmount(): int + getMode: TransactionMode + getId(): int Responsibilities Represents a completed order. When order is validated, a transaction is created. Currency