«service» UserService + createUser(honorifics, name, firstname, username, password, address): User + deleteUser(id: Long) + findUser(id: Long): User + findAllUsers(): List<User> + editUser(userId, honorifics, name, firstname, username, password): User + patchUser(userId, honorifics, name, firstname, username, password): User «entity» User - username: String - password: String - honorifics: String - name: String - firstname: String - address: Address bankaccounts: List<Bankaccount> «value object» + searchArticles(keyword: String): List<Article> Address + createNewShoppingCart(): Order - postcode: Integer + viewShoppingCart(): List<OrderItem> - city: String + viewOrder(orderId: Long): List<OrderItem> - street: String + viewAllOrders(): List<Order> - housenumber: String + addToShoppingCart(orderId, articleId, articleAmount): OrderItem + removeFromShoppingCart(orderId, articleId, articleAmount) + cancelOrder(orderId: Long) + order(orderld: Long): Order «value object» Bankaccount + addBankaccount(iban: String, bic: String) + deleteBankaccount(bankaccountnumber: int) - iban: String + deleteAllBankaccounts() bic: String 1 gibt auf ▼ befüllt ▼ enthält ▶ «entity» «value object» «entity» Amount Order Article + Amount(euros: int, cents: int) - date: Timestamp - name: String - /totalPrice: Amount - description: String + Amount(euros: double) «entity» + plus(other: Amount): Amount - price: Amount OrderItem + minus(other: Amount): Amount - articleAmount: Integer + times(factor: double): Amount - /itemPrice: Amount + toDouble(): double «service» «service» **OrderService ArticleService** + save(order: Order): Order + createArticle(name, description, price): Article + saveOrderItem(orderItem: OrderItem): OrderItem + deleteArticle(articleId: Long) + findAllOrders(): List<Order> + deleteAll() + findAllOrdersÖfUser(user: User): List<Order> + findArticle(articleId: Long): Article + findOrder(orderId: Long): Order + findAllArticles(): List<Article> + delete(orderld: Long) + editArticle(articleId, name, description, price): Article + deleteOrderItem(orderItem: OrderItem) + patchArticle(articleId, name, description, price): Article