

# UML DIAGRAMS

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# CUSTOMER

```
+-----+
|   Customer   |
+-----+
| - name: String |
| - address: String |
+-----+
| + Customer()   |
| + Customer(name: String, address: String) |
| + getName(): String |
| + setName(name: String): void |
| + getAddress(): String |
| + setAddress(address: String): void |
+-----+
```

# ITEM

```
+-----+
|      Item      |
+-----+
| - name: String  |
| - description: String |
| - price: double  |
| - reviews: List<Review> |
| - ratings: List<Double> |
+-----+
| + Item()        |
| + Item(name: String, description: String, price: double) |
| + getName(): String
| + setName(name: String): void
| + getDescription(): String
| + setDescription(description: String): void
| + getPrice(): double
| + setPrice(price: double): void
| + addReview(review: Review): void
| + addRating(rating: double): void
| + getReviews(): List<Review>
| + getRatings(): List<Double>
+-----+
```

# REVIEW

```
+-----+
|      Review      |
+-----+
| - text: String   |
| - reviewer: String |
+-----+
| + Review(text: String, reviewer: String) |
| + getText(): String                       |
| + getReviewer(): String                   |
| + setText(text: String): void             |
| + setReviewer(reviewer: String): void     |
+-----+
```

# ORDER

```
+-----+
|      Order      |
+-----+
| - item: String   |
| - price: double  |
| - date: String   |
| - time: String   |
| - customer: Customer |
+-----+
| + Order(item: String, price: double, date: String, time: String, customer: Customer) |
| + getItem(): String                                     |
| + setItem(item: String): void                           |
| + getPrice(): double                                    |
| + setPrice(price: double): void                         |
| + getDate(): String                                     |
| + setDate(date: String): void                           |
| + getTime(): String                                     |
| + setTime(time: String): void                           |
| + getCustomer(): Customer                               |
| + setCustomer(customer: Customer): void                 |
| + toString(): String                                    |
+-----+
```

# ORDERS

```
+-----+
|      Orders      |
+-----+
| - orders: List<Order> |
+-----+
| + Orders()          |
| + add(order: Order): void |
| + remove(orderId: String): void |
| + find(orderId: String): Order |
| + print(): void      |
+-----+
```

# SELLER

```
+-----+
|      Seller      |
+-----+
| - name: String   |
| - id: String     |
| - listOfItems: List<String> |
| - listOfOrders: List<Order> |
| - rating: double  |
| - review: String  |
+-----+
| + Seller(name: String, id: String, listOfItems: List<String>, listOfOrders: List<Order>, rating: double, review: String) |
| + getName(): String                                     |
| + setName(name: String): void                           |
| + getId(): String                                       |
| + setId(id: String): void                               |
| + getListOfItems(): List<String>                         |
| + setListOfItems(listOfItems: List<String>): void       |
| + getListOfOrders(): List<Order>                         |
| + setListOfOrders(listOfOrders: List<Order>): void      |
| + getRating(): double                                   |
| + setRating(rating: double): void                       |
| + getReview(): String                                   |
| + setReview(review: String): void                       |
| + toString(): String                                    |
+-----+
```

# SELLERS

```
+-----+
|   Sellers   |
+-----+
| - sellers: List<Seller> |
+-----+
| + Sellers()           |
| + add(seller: Seller): void |
| + remove(sellerId: String): void |
| + find(sellerId: String): Seller |
| + print(): void       |
+-----+
```