

## endpoints

## Article

-CREATE\_ARTICLE: byte = 6 {readOnly}  
-MODIFY\_ARTICLE\_PRICE: byte = 7 {readOnly}  
-ADD\_ARTICLE\_DISCOUNT: byte = 8 {readOnly}  
-ALL\_ARTICLES\_USER\_IS\_SELLING: byte = 15 {readOnly}  
~connectionFactory: ConnectionFactory  
~topic: Topic  
~queue: Queue

+createArticle(articleName: String, articlePrice: String, articleDescription: String, articleCategory: String, owner: String): Response  
+changeArticlePrice(articleName: String, newPrice: String): Response  
+setArticleDiscount(articleName: String, discount: String): Response  
+getUserArticles(username: String): Response

## Category

-CREATE\_CATEGORY: byte = 5 {readOnly}  
-ALL\_CATEGORIES: byte = 14 {readOnly}  
~connectionFactory: ConnectionFactory  
~topic: Topic  
~queue: Queue

+createCategory(categoryName: String, superCategoryName: String): Response  
+getCategories(): Response

## City

-CREATE\_CITY: byte = 1 {readOnly}  
-ALL\_CITIES: byte = 12 {readOnly}  
~connectionFactory: ConnectionFactory  
~topic: Topic  
~queue: Queue

+createCity(cityName: String, cityCountry: String): Response  
+getCities(): Response

## Cart

-ADD\_TO\_CART: byte = 9 {readOnly}  
-REMOVE\_FROM\_CART: byte = 10 {readOnly}  
-VIEW\_CART: byte = 16 {readOnly}  
~connectionFactory: ConnectionFactory  
~topic: Topic  
~queue: Queue

+addToCart(articleName: String, articleAmmount: String, username: String): Response  
+removeFromCart(articleName: String, articleAmmount: String, username: String): Response  
+viewCart(username: String): Response

## Order

-USER\_ORDERS: byte = 17 {readOnly}  
-ALL\_ORDERS: byte = 18 {readOnly}  
~connectionFactory: ConnectionFactory  
~topic: Topic  
~queue: Queue

+viewCart(username: String): Response  
+viewCart(): Response

## Transaction

-PAYMENT: byte = 11 {readOnly}  
-ALL\_TRANSACTIONS: byte = 19 {readOnly}  
~connectionFactory: ConnectionFactory  
~topic: Topic  
~queue: Queue

+payment(username: String): Response  
+viewTransactions(): Response

## Users

-CREATE\_USER: byte = 2 {readOnly}  
-WIRE\_MONEY\_TO\_USER: byte = 3 {readOnly}  
-CHANGE\_USER\_ADDRESS: byte = 4 {readOnly}  
-ALL\_USERS: byte = 13 {readOnly}  
~connectionFactory: ConnectionFactory  
~topic: Topic  
~queue: Queue

+createUser(userName: String, firstName: String, lastName: String, password: String, street: String, streetNumber: String, cityName: String, cityCountry: String): Response  
+getUsers(): Response  
+wireMoneyToUser(userName: String, money: String): Response  
+changeUserAddress(userName: String, street: String, streetNumber: String): Response