**Beans**

UserType

+setUserType(String): void

+getUserType: String

-userType: String

+setProductName(String): void

+getProductName(): String

+setProductType(String): void

+getProductType(): String

+ setPrice(double): void

+ getPrice(): double

-productName: String

-productType: String

-price: double

Product

+setFirstName(String): void

+getFirstName(): String

+setLastName(String): void

+getLastName(): String

+ setphoneNumber(String): void

+ getPhoneNumber(): String ….

-userFirstName: String

-userLastName: String

-phoneNumber: String

-emailId: String

-userType: UserType

User

+setId(String) : void

+getId(): String

-id: String

IdEntity

Controller internally associated with service classes

DiscountController

+getDiscount(String, String[]): Map<String, String>

-discountService: DiscountService

+addProduct(Product): ResponsEntity<Product>

+updateProduct(Product): ResponsEntity<Product>

+getProductById(String): ResponsEntity<Product>

+addUserType(UserType): ResponsEntity<UserType>

+updateUserType(UserType): ResponsEntity<UserType>

+deleteUserTypeById(String): ResponsEntity<>

+getUserTypeById(String): ResponsEntity<UserType>

+addUser(User): ResponsEntity<User>

+updateUser(User): ResponsEntity<User>

+deleteUserById(String): ResponsEntity<>

+getUserById(String): ResponsEntity<User>

+ getUserByName(String): ResponsEntity<User>

ProductController

-productService: ProductService

UserTypeController

-userTypeService: UserTypeService

-userService: UserService

UserController