EMAG

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Technologies, API's and software

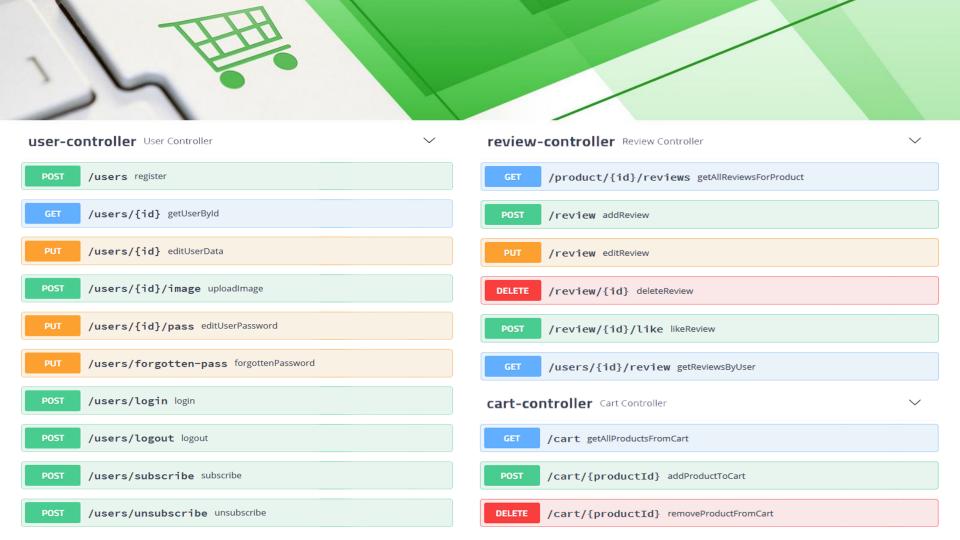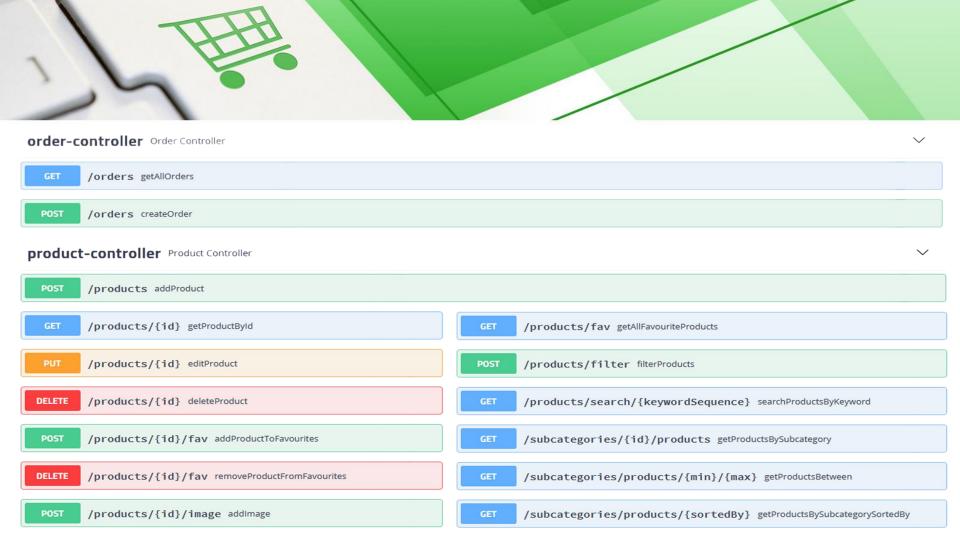# Main Functionality

User

Admin

user-controller User Controller ⌄

POST	/users register
GET	/users/{id} getUserById
PUT	/users/{id} editUserData
POST	/users/{id}/image uploadImage
PUT	/users/{id}/pass editUserPassword
PUT	/users/forgotten-pass forgottenPassword
POST	/users/login login
POST	/users/logout logout
POST	/users/subscribe subscribe
POST	/users/unsubscribe unsubscribe

review-controller Review Controller ⌄

GET	/product/{id}/reviews getAllReviewsForProduct
POST	/review addReview
PUT	/review editReview
DELETE	/review/{id} deleteReview
POST	/review/{id}/like likeReview
GET	/users/{id}/review getReviewsByUser

cart-controller Cart Controller ⌄

GET	/cart getAllProductsFromCart
POST	/cart/{productId} addProductToCart
DELETE	/cart/{productId} removeProductFromCart

order-controller Order Controller ⌄

GET `/orders` getAllOrders

POST `/orders` createOrder

product-controller Product Controller ⌄

POST `/products` addProduct

GET `/products/{id}` getProductById

PUT `/products/{id}` editProduct

DELETE `/products/{id}` deleteProduct

POST `/products/{id}/fav` addProductToFavourites

DELETE `/products/{id}/fav` removeProductFromFavourites

POST `/products/{id}/image` addImage

GET `/products/fav` getAllFavouriteProducts

POST `/products/filter` filterProducts

GET `/products/search/{keywordSequence}` searchProductsByKeyword

GET `/subcategories/{id}/products` getProductsBySubcategory

GET `/subcategories/products/{min}/{max}` getProductsBetween

GET `/subcategories/products/{sortedBy}` getProductsBySubcategorySortedBy

category-controller Category Controller

GET	/categories getAllCategories

POST	/categories addCategory

PUT	/categories editCategory

DELETE	/categories deleteCategory

sub-category-controller Sub Category Controller

POST	/subcategories addSubCategory

PUT	/subcategories editSubCategory

DELETE	/subcategories deleteSubCategory

GET	/subcategories/{id} getSubCategoriesFromCategory

discount-controller Discount Controller

POST	/discounts/{id} addDiscount

Database Diagram

src
  main
    java
      com.emag
        controller
        exception
        model
          dao
          dto
          pojo
          repository
        service
        util
        EmagApplication
  resources
    application.properties
    cartAPI.http
    categoryAPI.http
    orderAPI.http
    productAPI.http
    reviewAPI.http
    subcategoryAPI.http
    userAPI.http

CartController
CategoryController
DiscountController
ExceptionController
OrderController
ProductController
ReviewController
SessionManager
SubCategoryController
UserController

AuthenticationException
BadRequestException
EmailNotSendException
NotFoundException
UnauthorizedException

dao
  ProductDAO
dto
  category
  product
  register
  review
  subcategory
  user
  AddressDTO
  DiscountDTO
  ErrorDTO
  OrderDTO
  OrderResponseDTO
pojo
  Address
  Category
  Discount
  Order
  OrderedProduct
  Product
  ProductImage
  Review
  SubCategory
  User
  UserCart

AddressRepository
CartRepository
CategoryRepository
DiscountRepository
OrderedProductRepository
OrderRepository
ProductImageRepository
ProductRepository
ReviewRepository
SubCategoryRepository
UserRepository

service
  AbstractService
  CartService
  CategoryService
  DiscountService
  EmailService
  OrderService
  ProductService
  ReviewService
  Scheduler
  SubCategoryService
  UserService
util
  CategoryUtil
  DiscountUtil
  ImageUtil
  ProductUtil
  ReviewUtil
  SubCategoryUtil
  UserUtility

Благодарим за вниманието!