BOOK INVENTORY

com.bookInventory

Packages:

1. com.example.bookInventory.config
2. com.example.bookInventory.controller
3. com.example.bookInventory.entity
4. com.example.bookInventory.exception
5. com.example.bookInventory.repository
6. com.example.bookInventory.service
   1. com.example.bookInventory.service.impl
7. com.example.bookInventory.security

Entity - com.example.bookInventory.entity

Classes:

1. Author
2. Book
3. BookAuthor
4. BookCondition
5. Bookreview
6. Category
7. Inventory
8. Permrole
9. Publisher
10. PurchaseLog
11. Reviewer
12. ShoppingCart
13. State
14. User

Repository – com.example.bookInventory.repository

Classes:

1. AuthorRepository
2. BookRepository
3. BookReviewRepository
4. CategoryRepository
5. PublisherRepository
6. PurchaseLogRepository
7. ReviewerRepository
8. ShoppingCartRepository
9. StateRepository
10. UserRepository
11. BookConditionRepository
12. PermRoleRepository

Controller – com.example.bookInventory.controller

Classes:

1. AuthorController
2. BookController
3. PublisherController
4. UserController
5. ReviewerController
6. ReviewController
7. InventoryController
8. CategoryController
9. ShoppingCartController
10. PurchaseLogController
11. BookConditionController
12. StateController
13. PermRoleController

Service – com.example.bookInventory.service

Interface:

1. AuthorService
2. BookService
3. PublisherService
4. UserService
5. ReviewerService
6. ReviewService
7. InventoryService
8. CategoryService
9. ShoppingCartService
10. PurchaseLogService
11. BookConditionService
12. StateService
13. PermRoleService

Service Impl - com.example.bookInventory.service.impl

Classes:

1. AuthorServiceImpl
2. BookServiceImpl
3. PublisherServiceImpl
4. UserServiceImpl
5. ReviewerServiceImpl
6. ReviewServiceImpl
7. InventoryServiceImpl
8. CategoryServiceImpl
9. ShoppingCartServiceImpl
10. PurchaseLogServiceImpl
11. BookConditionServiceImpl
12. StateServiceImpl
13. PermRoleServiceImpl

Exception – com.example.bookInventory.exception

Classes:

1. ResourceNotFoundException
2. DuplicateResourceException
3. GlobalExceptionHandler (with @ControllerAdvice)

Config – com.example.bookInventory.config

Classes:

1. WebSecurityConfig (if using Spring Security)
2. SwaggerConfig (for API documentation)

(Optional) Security – com.example.bookInventory.security

Classes:

1. JwtUtil
2. JwtAuthenticationFilter
3. JwtAuthenticationEntryPoint
4. CustomUserDetailsService
5. SecurityConstants