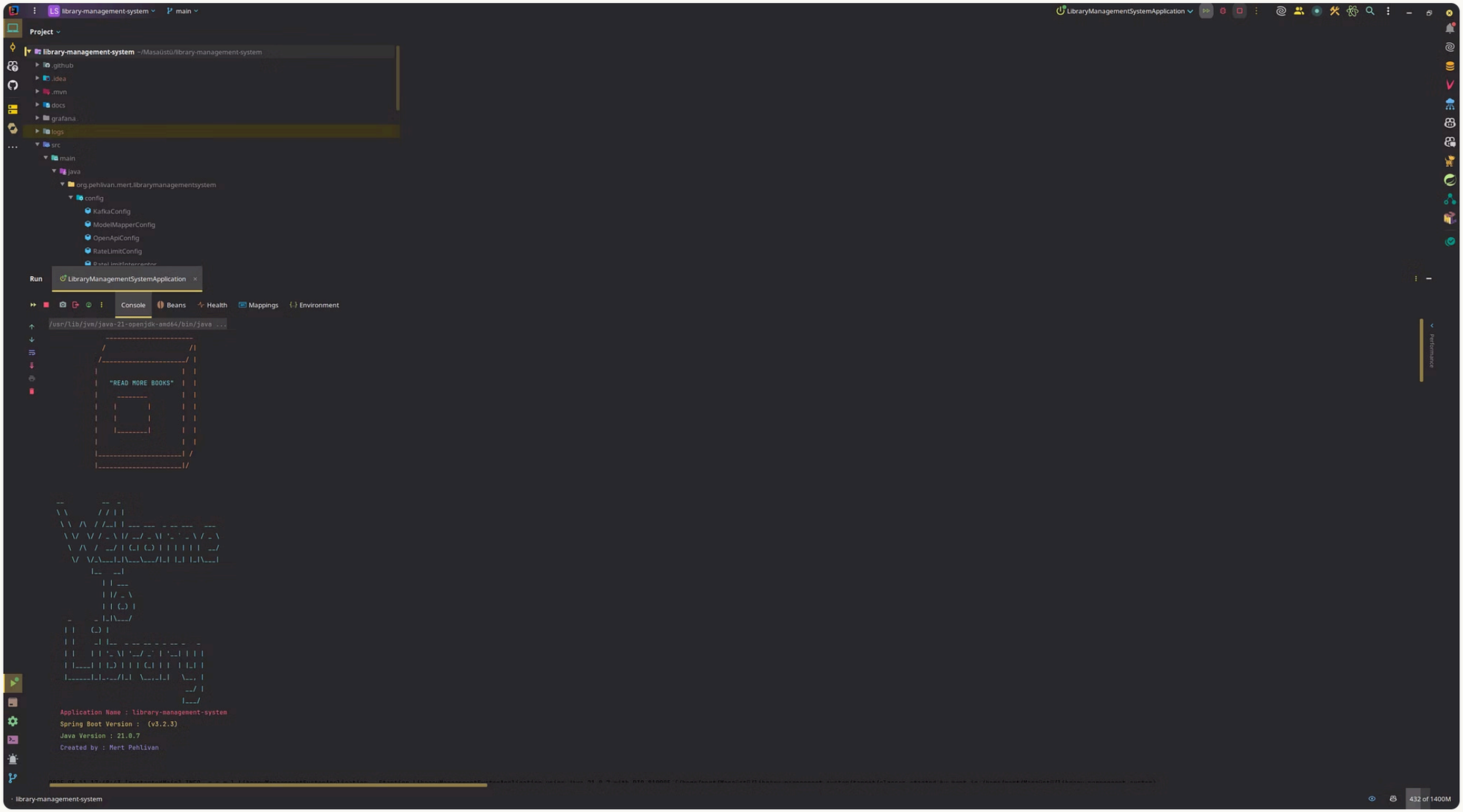
# Proje Görselleri




by Mert Pehlivan

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Swagger

/v3/api-docs | Explore

# Library Management System API 1.0 OAS 3.0

/v3/api-docs

Library Management System API

Servers

http://localhost:8080 - Generated server url

Authorize

Filter by tag

## Actuator Monitor and interact

Spring Boot Actuator Web API Documentation

- GET /actuator Actuator root web endpoint
- GET /actuator/prometheus Actuator web endpoint 'prometheus'
- GET /actuator/metrics Actuator web endpoint 'metrics'
- GET /actuator/metrics/{requiredMetricName} Actuator web endpoint 'metrics-requiredMetricName'
- GET /actuator/info Actuator web endpoint 'info'
- GET /actuator/health Actuator web endpoint 'health'
- GET /actuator/health/** Actuator web endpoint 'health-path'

## Authentication Authentication management API

- POST /api/v1/auth/register Register a new user
- POST /api/v1/auth/login Login user

## Author Author management APIs

- DELETE /api/v1/authors/{id} Delete an author
- GET /api/v1/authors/{id} Get author by ID
- GET /api/v1/authors Get all authors
- POST /api/v1/authors Create a new author
- PUT /api/v1/authors/{id} Update an author

## Book Book management APIs

- DELETE /api/v1/books/{id} Delete a book
- GET /api/v1/books/{id} Get book by ID
- GET /api/v1/books Get all books
- GET /api/v1/books/search Search books
- POST /api/v1/books Create a new book
- PUT /api/v1/books/{id} Update a book

## Book Availability Real-time book availability APIs

- GET /api/v1/books/availability Stream all book availability changes
- GET /api/v1/books/availability/{bookId} Stream book availability changes for a specific book

## Loan Loan management APIs

- GET /api/v1/loans/{id} Get loan by ID
- GET /api/v1/loans/report Generate loan report
- GET /api/v1/loans/late Get late loans
- GET /api/v1/loans/history Get all loan history
- GET /api/v1/loans/history/user/{userId} Get loan history by user
- POST /api/v1/loans Borrow a book
- POST /api/v1/loans/user Borrow a book for current user
- PUT /api/v1/loans/{id} Return a book

## User User management APIs

- DELETE /api/v1/users/{id} Delete a user
- GET /api/v1/users/{id} Get user by ID
- GET /api/v1/users Get all users
- POST /api/v1/users Create a new user
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Containers

# Container list

admin

## Containers

Search... | Start | Stop | Kill | Restart | Pause | Resume | Remove | + Add container

| Name | State | Quick Actions | Stack | Image | Created | IP Address | Published Ports | Ownership |
|---|---|---|---|---|---|---|---|---|
| library-kafka-ui | unhealthy | | library-management-system | provectuslabs/kafka-ui:latest | 2025-05-11 15:04:04 | 172.18.0.8 | 8090:8080 | administrators |
| library-prometheus | unhealthy | | library-management-system | prom/prometheus:latest | 2025-05-11 15:04:04 | 172.18.0.2 | 9090:9090 | administrators |
| redisinsight | running | | - | redis/redisinsight:latest | 2025-04-19 17:49:07 | - | - | administrators |
| portainer | running | | - | portainer/portainer-ce | 2025-04-19 17:25:24 | 172.17.0.2 | 9000:9000 9443:9443 | administrators |
| library-kafka | healthy | | library-management-system | confluentinc/cp-kafka:7.5.1 | 2025-05-11 15:04:04 | 172.18.0.7 | 9092:9092 | administrators |
| library-grafana | healthy | | library-management-system | grafana/grafana:latest | 2025-05-11 15:04:04 | 172.18.0.6 | 3000:3000 | administrators |
| library-zookeeper | healthy | | library-management-system | confluentinc/cp-zookeeper:7.5.1 | 2025-05-11 15:04:04 | 172.18.0.5 | 2181:2181 | administrators |
| library-postgres | healthy | | library-management-system | postgres:15 | 2025-05-11 15:04:04 | 172.18.0.3 | 5432:5432 | administrators |
| library-redis | healthy | | library-management-system | redis:7 | 2025-05-11 15:04:04 | 172.18.0.4 | 6379:6379 | administrators |
| kafka-ui | exited - code 143 | | - | provectuslabs/kafka-ui:latest | 2025-05-06 20:40:07 | - | - | administrators |
| prometheus | exited - code 0 | | - | prom/prometheus:latest | 2025-05-05 19:49:49 | - | - | administrators |
| grafana | exited - code 0 | | - | grafana/grafana | 2025-05-04 01:07:23 | - | - | administrators |
| redis | exited - code 0 | | - | redis:latest | 2025-04-30 14:56:00 | - | - | administrators |
| Couchbase | exited - code 0 | | - | couchbase:latest | 2025-04-22 22:17:15 | - | - | administrators |
| my-postgres | exited - code 0 | | - | postgres:latest | 2025-04-22 16:12:09 | - | - | administrators |
| kibana | exited - code 0 | | - | docker.elastic.co/kibana/kibana:8.11.1 | 2025-04-19 17:56:09 | - | - | administrators |
| elasticsearch | exited - code 143 | | - | docker.elastic.co/elasticsearch/elasticsearch:8.11.1 | 2025-04-19 17:54:36 | - | - | administrators |
| mongo-express | exited - code 143 | | - | mongo-express | 2025-04-19 17:53:49 | - | - | administrators |
| mongo | exited - code 0 | | - | mongo:6 | 2025-04-19 17:53:22 | - | - | administrators |
| localstack | exited - code 0 | | - | localstack/localstack:latest | 2025-04-19 17:38:09 | - | - | administrators |

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