

# Midterm Project – Hotel System

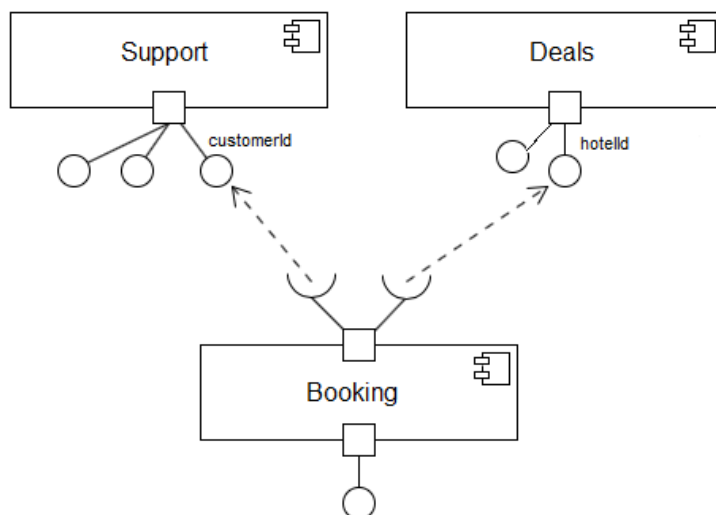
## 1. Introduction

1.1 Technologies: Eureka Client, Eureka Server, MySQL, JS.

1.2 Purpose: simplifying hotel processes

## 2. Services:

1. Support Service – information about issues that may happened, yes/no with description
2. Deals Service – rooms, description, price, ratings
3. Bookings – who own which room
4. View – Collects all microservices, gathers information



## 3. Database:

	Id	issue	content
1	1	internet	Lorem Ipsum
2	2	no	Lorem Ipsum
3	3	no	Lorem Ipsum
4	4	window	Lorem Ipsum
5	5	light	Lorem Ipsum

	Id	city	hotelName	price	stars	room
1	1	Almaty	aa	59.99	4	basic
2	2	Moscow	mm	69.99	5	comfort
3	3	Riga	rr	79.99	5	elite
4	4	Frankfurt	ff	89.99	4	good
5	5	Paris	pp	99.99	5	luxury

	Id	customerId	hotelId	price
1	1	4	3	79.99
2	2	5	4	89.99
3	3	1	2	69.99
4	4	2	5	99.99
5	5	3	1	59.99

## 4. Appendix

### 1) localhost:8761 Eureka Server

The screenshot shows the Spring Eureka Server dashboard. The top navigation bar includes 'HOME' and 'LAST 1000 SINCE STARTUP'. The main content area is divided into several sections:

- System Status:** A table showing environment (test), data center (default), current time (2020-10-12T13:56:04 +0500), uptime (00:07), lease expiration enabled (true), renew threshold (8), and renew (last min) (16).
- DS Replicas:** A section showing the local host (localhost).
- Instances currently registered with Eureka:** A table listing four services: BOOKING-SERVICE, DEAL-SERVICE, SUPPORT-SERVICE, and VIEW-SERVICE. Each service is shown with its application name, AMIs (n/a (1)), availability zones ((1)), and status (UP (1) - DESKTOP-97H21L2-booking-service-8081, etc.).

### 2) localhost:8081/bookings list of bookings

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0" encoding="UTF-8"?>
<List>
  <item>
    <customerId>0</customerId>
    <hotelId>0</hotelId>
    <price>79.99</price>
    <id>1</id>
  </item>
  <item>
    <customerId>0</customerId>
    <hotelId>0</hotelId>
    <price>89.99</price>
    <id>2</id>
  </item>
  <item>
    <customerId>0</customerId>
    <hotelId>0</hotelId>
    <price>69.99</price>
    <id>3</id>
  </item>
  <item>
    <customerId>0</customerId>
    <hotelId>0</hotelId>
    <price>99.99</price>
    <id>4</id>
  </item>
  <item>
    <customerId>0</customerId>
    <hotelId>0</hotelId>
    <price>59.99</price>
    <id>5</id>
  </item>
</List>
```

### 3) localhost:8082/deals list of hotels

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0"?>
<List>
  <item>
    <city>Almaty</city>
    <hotelName/>
    <price>59.99</price>
    <stars>4</stars>
    <room>basic</room>
    <id>1</id>
  </item>
  <item>
    <city>Moscow</city>
    <hotelName/>
    <price>69.99</price>
    <stars>5</stars>
    <room>comfort</room>
    <id>2</id>
  </item>
  <item>
    <city>Riga</city>
    <hotelName/>
    <price>79.99</price>
    <stars>5</stars>
    <room>elite</room>
    <id>3</id>
  </item>
  <item>
    <city>Frankfurt</city>
    <hotelName/>
    <price>89.99</price>
    <stars>4</stars>
    <room>good</room>
    <id>4</id>
  </item>
  <item>
    <city>Paris</city>
    <hotelName/>
    <price>99.99</price>
    <stars>5</stars>
    <room>luxury</room>
    <id>5</id>
  </item>
</List>
```

#### 4) localhost:8083/cases list of issues

← → ↻ ⓘ localhost:8083/cases




This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0"?>
<List>
  <item>
    <issue>internet</issue>
    <content>Lorem Ipsum</content>
    <id>1</id>
  </item>
  <item>
    <issue>no</issue>
    <content>Lorem Ipsum</content>
    <id>2</id>
  </item>
  <item>
    <issue>no</issue>
    <content>Lorem Ipsum</content>
    <id>3</id>
  </item>
  <item>
    <issue>window</issue>
    <content>Lorem Ipsum</content>
    <id>4</id>
  </item>
  <item>
    <issue>light</issue>
    <content>Lorem Ipsum</content>
    <id>5</id>
  </item>
</List>
```

#### 5) localhost:8084 website

localhost:3000

Hotels



[Bookings Deals Support](#)