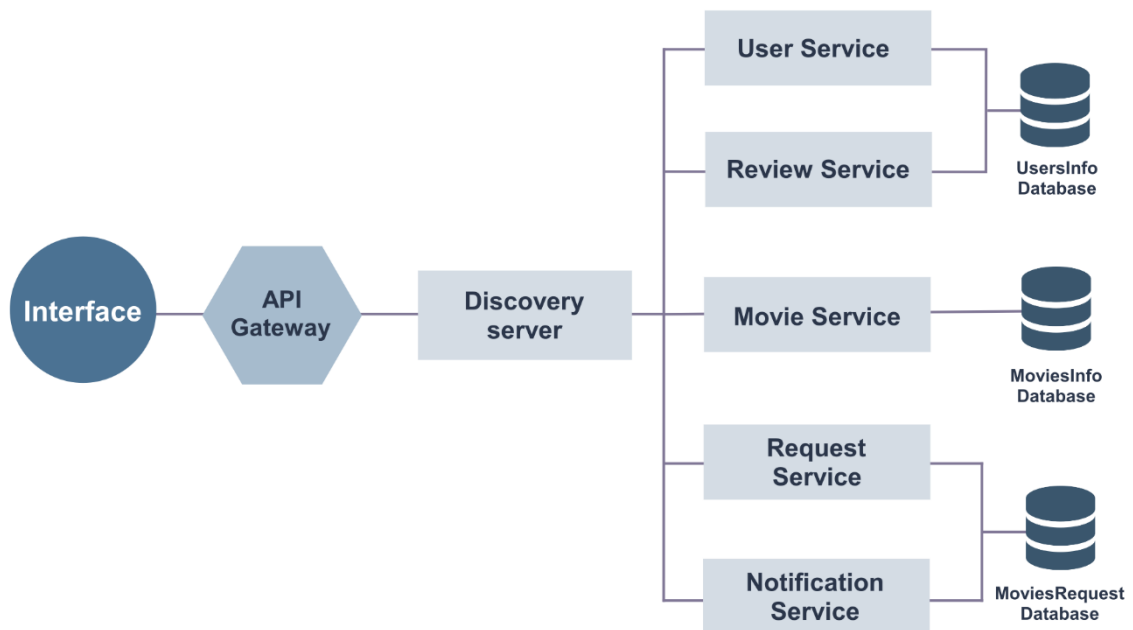


Project topic – cinema system with ticket booking and reviews.

Applied technologies – Spring, Eureka Discovery, Hystrix, Zuul (Gateway), Kafka, MySQL.

Purpose – user can view the list of current movies in cinema and make a booking for a certain time. After that user can leave a review.

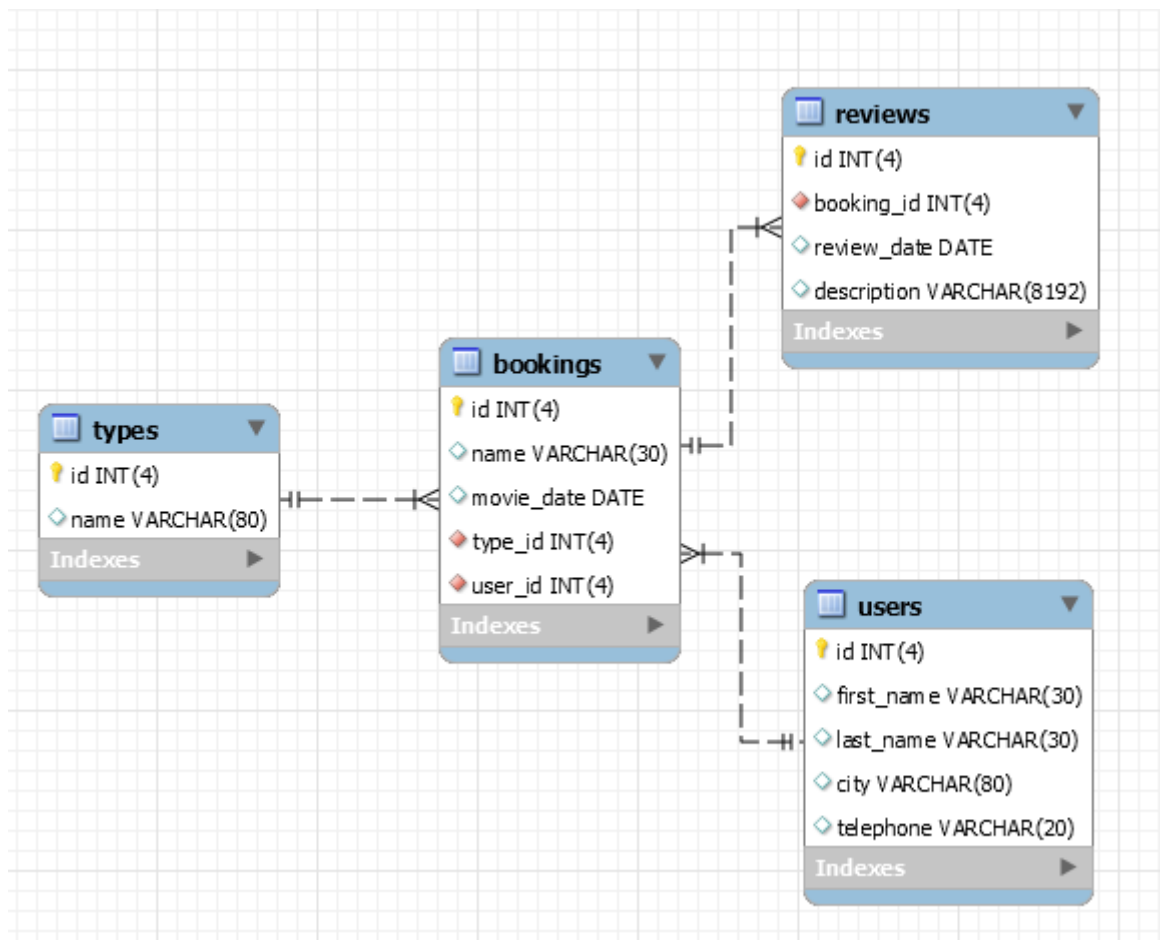
Microservices –User, Movie, Review that are accessed through API gateway and Request and Notification services to demonstrate Kafka.



1. **Discovery server** – enables and monitors all microservices. ([localhost:8761](#))
2. **API Gateway** – proxy server that connects user interface with all of the services. ([localhost:8081](#) – [Home page](#))
3. **User service** – contains personal data on registered users. Stores information such as full name, contact details. Also manages users' personal bookings. ([localhost:8082](#))
4. **Movie service** – manages the list of movies and contains basic synopsis on the films. ([localhost:8083](#))
5. **Review service** – lets users write reviews on the movies they have booked. ([localhost:8084](#))
6. **Request service** – used to send a message when user requests a movie as Kafka producer. ([localhost:8090](#))
7. **Notification service** – used to receive a message when user requests a movie as Kafka consumer. ([localhost:9000](#))

Database information (MySQL Workbench)

UserInfo DB



MoviesInfo DB

