

Requirement

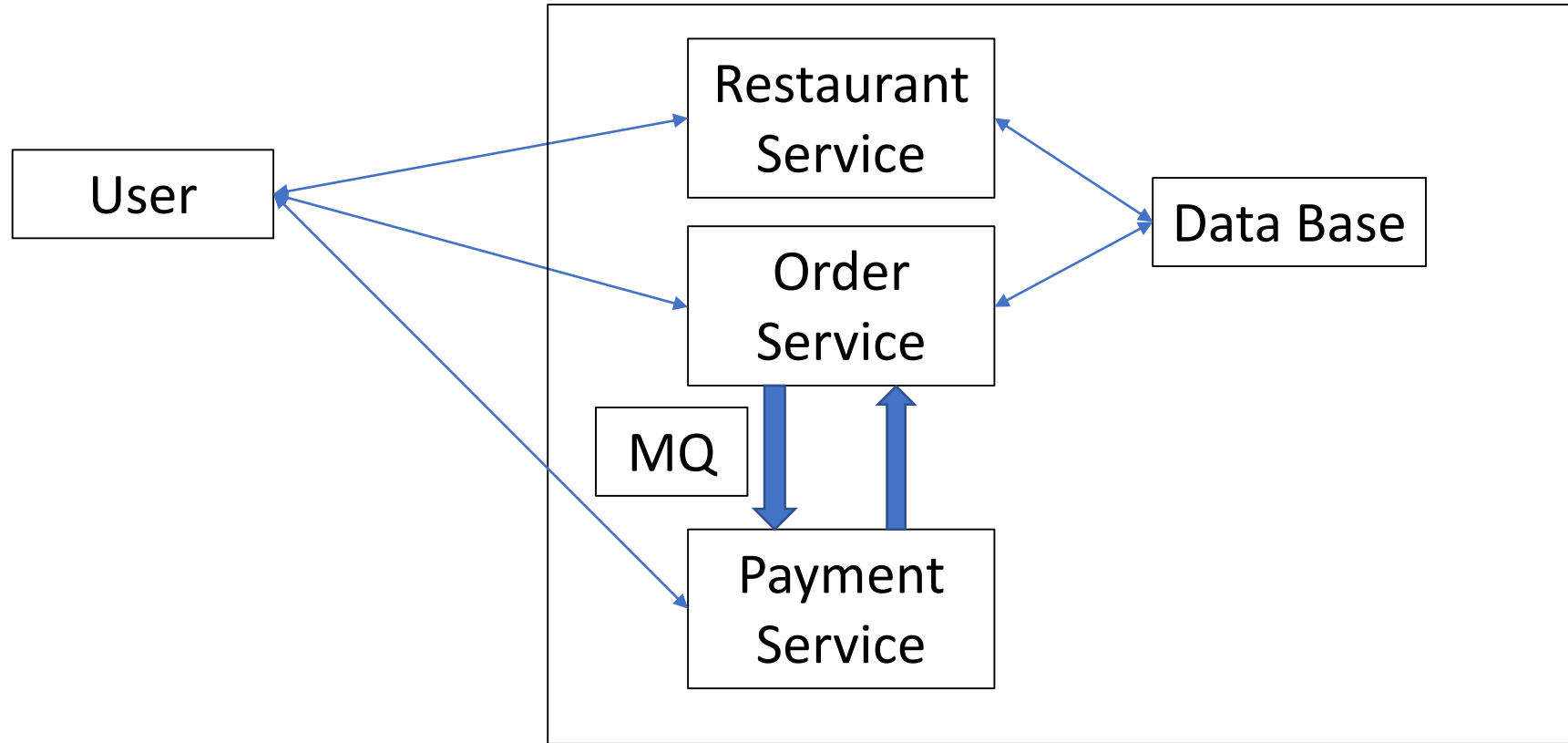
- Functional

- User search restaurant based on restaurant name
- User order food by choosing items from menu and assign quantities, able to leave note and fill in address
- Order contains note on diet restrictions, delivery address
- Order payment, fill in credit card number, expiration date, security code
- If payment made, return payment ID, timestamp, completed order, add delivery time

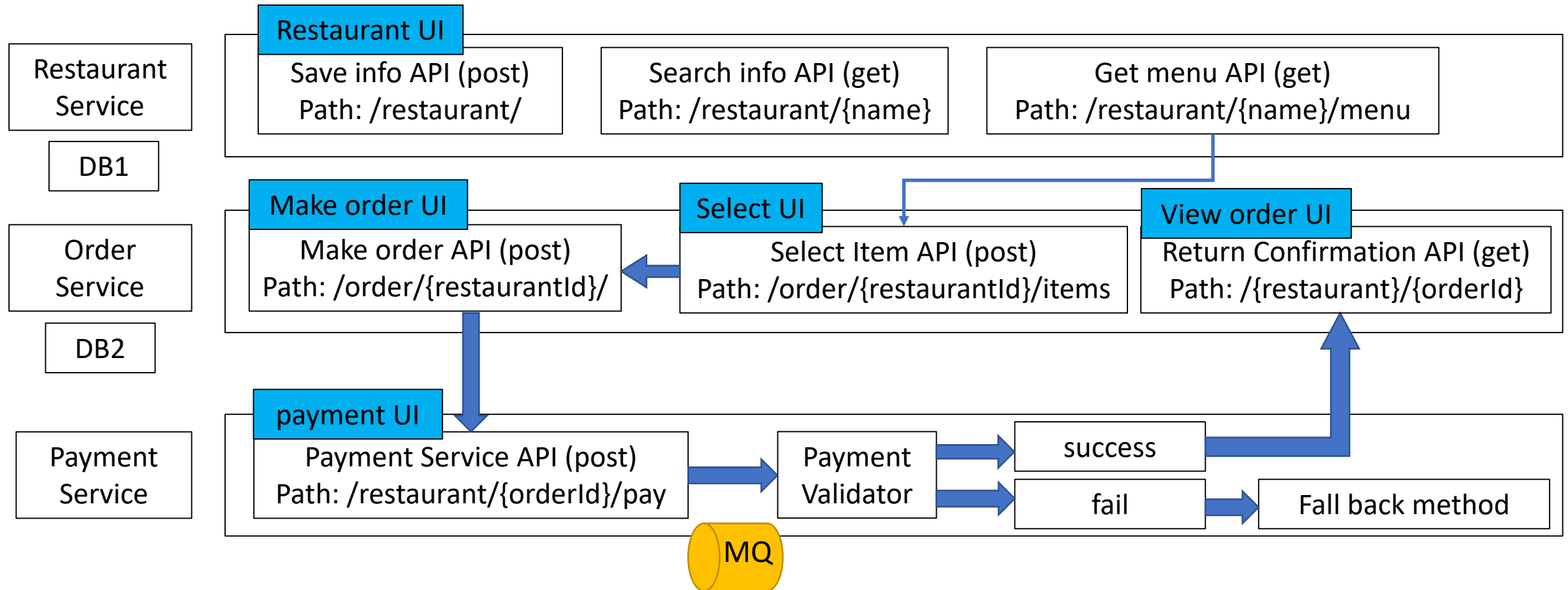
- Non-functional

- Microservice
- SQL or No-SQL DB
- REST API
- Unit tests, integration tests, MVC tests
- One place to handle payment error

Architecture



Microservice API design and Working Infrastructure



Project structure, 6 micro-services

