# POS Micro Services

## Functional use cases

* User Management

## Technology stack

* Java (11)
* Spring boot Web service (2.1.9)
* Spring cloud
* Eureka – Service registration and discovery
* Spring cloud – API Gateway
* Ribbon – Dynamic routing and load balancer
* Hystrix – Circuit breaker
* Feign – Rest client
* Config Server – Centralized configuration
* JWT – Service authentication

## Service details

|  |  |  |
| --- | --- | --- |
| **Service Name** | **port** | **Project Path** |
| Eureka server | 8090 | <https://gitlab.com/pirai/pos-eureka-server.git> |
| Config-server | 8082 | <https://gitlab.com/pirai/pos-config-server.git> |
| zuul-server | 8081 | <https://gitlab.com/pirai/pos-zuul-server.git> |
| user-service | 8083 | <https://gitlab.com/pirai/pos-user-service.git> |
| point-of-sales-web | 8084 | <https://gitlab.com/loganathanr/point-of-sales-web.git> |

Git hub location of config server

<https://github.com/marikannan89/pos-config-repo.git>