

# Staff Engineering – Level 6 | AstroPay – SOLUTION

## Description

The following graphical documentation details the proposed solution to manage the various activities performed by users within Astropay's transaction system. The primary objective is to provide a robust solution capable of supporting millions of transactions and scalable over time.

## Components Software

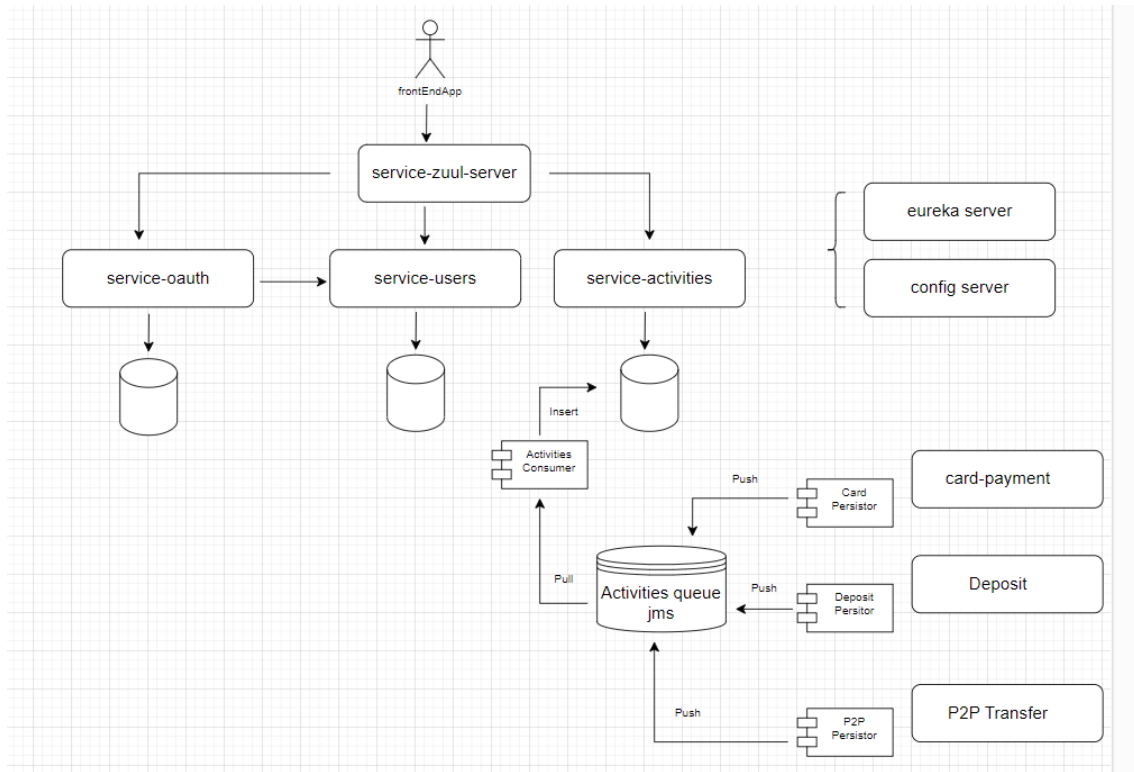
The following software components were used for the solution:

- Zuul Api Gateway
- Eureka (Service Discovery)
- Oauth2
- Springboot
- H2 (memory DB)
- JPA

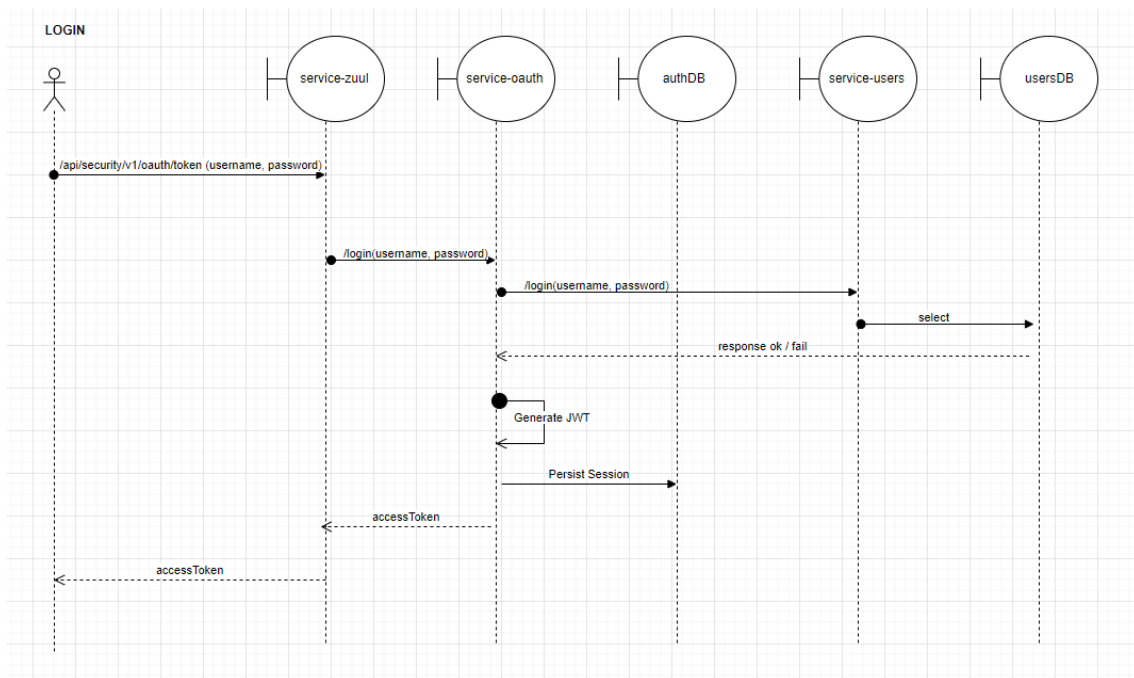
## Components Diagram

Below is the diagram of the solution composed of the following services:

- springboot-service-zuul-server
- springboot-service-eureka-server
- springboot-service-oauth
- springboot-service-users
- springboot-service-config-server
- springboot-service-activities



## Sequences Diagram



# ACTIVITIES

