Team member – Vinod Landa

Team member – Roginy

Team member – Karthesan

Process Flow Microservices

Team Name - PFMS

# Concept Summary

As over a period collection of loosely-coupled services evolve in the name of microservice which is a variant of the service-oriented architecture, in a medium to large organisation, hundreds and thousands of microservices get but and bring next level of challenge on building same microservices again and again or fails to reuse the existing services optimally. Thus wasting time, cost and agility to bring customer needs quickly to the market. Process flow microservices aim's to solve this problem by giving the right exposure to the available services, use then and through a process flow framework re-use the already build services.

# Problem Context

Reusability can be increase using a process flow approach of choosing the microservices

Maintainability is much easier to pick and choose the services of right feature and decision making of what information can be re-used and what is domain or business specific details.

# Solution Details

* Layered process levels
* Domain / Business unit grouped services build
  + With demarcation of local and global usage fields and parameter
  + Simple or complex service assessment
* Validation at process level flows
* Ability to pick the selected flow and service usage for

Diagram

Description automatically generated

# Benefits

Three main benefits is

* Ability to re-use already developed services
* Visibility of what services are used across the organisation
* Maintainability of services