Microservices Architecture

Service Registry

Config Server

API Gateway

Department

User

Zipkin Server

User

Hystrix

Dashboard

User service end points –

POST - /users/ – create user

{

"firstName":"Amit",

"lastName":"Jain",

"email":"amit.jain@info.com",

"departmentId":"1"

}

GET - /users/1 – get user with department

{

“userId”:1

"firstName":"Amit",

"lastName":"Jain",

"email":"amit.jain@info.com",

"departmentId":1

}

Department service end points –

POST - /departments/ – create department

{

"departmentName":"IT",

"departmentAddress":"3rd Cross, First Street",

"departmentCode":"IT-006"

}

GET - / departments /1 – get department

{

"departmentId":1,

"departmentName":"IT",

"departmentAddress":"3rd Cross, First Street",

"departmentCode":"IT-006"

}