Identify Architectural and Design Patterns

An architectural design image can contain one or more design patterns. Identify all the design patterns in the given image. If there is none from the given options, you may select others.



thusoo.1@iitj.ac.in (not shared) Switch account



* Required

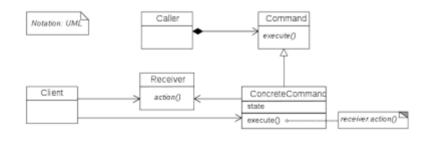
Name Of Student *

Your answer

Roll No. *

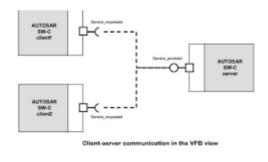
Your answer

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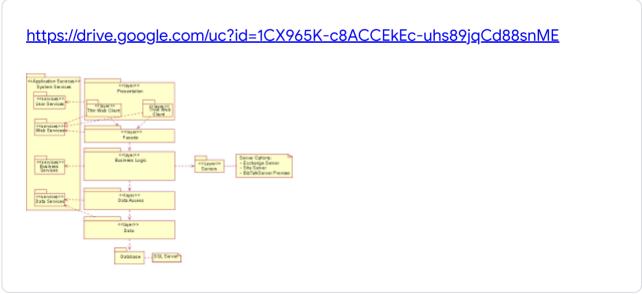


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Pub-Sub
Microkernel
PAC: Presentation Abstraction Controller
Repository Database
Event Bus
Microservices or Service Oriented Architecture
Layered
Model View Controller
REST
Pipe and Filter
Peer to Peer
☐ Broker
Client Server
Other:

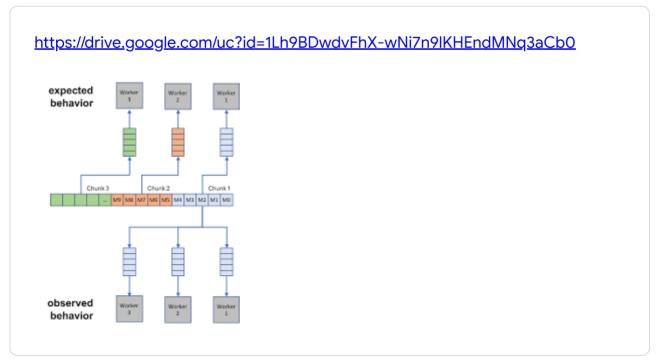
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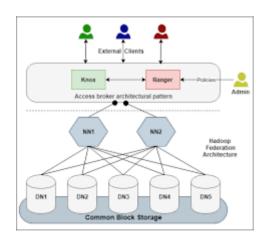


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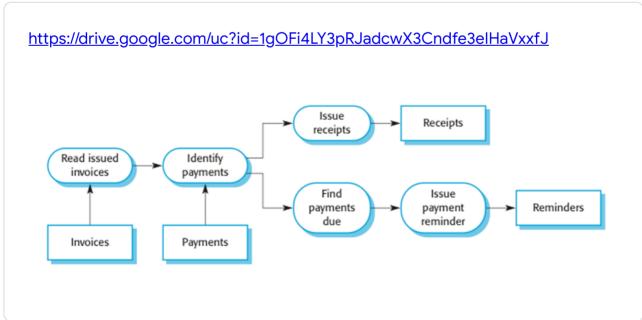


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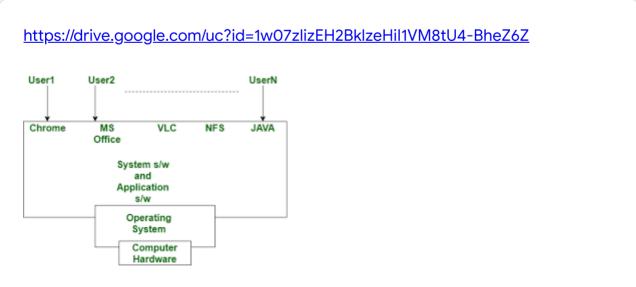
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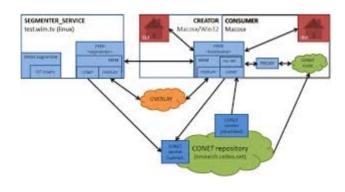
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https://drive.google.com/uc?id=1yPHTKEmxZcKYoDq9DHU9mOvPpzFuU6Ze MICROSERVICES ARCHITECTURE

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https://drive.google.com/uc?id=1T9o_rr9xJSnMJteOO84SdloG87JuVb-E **DATA SOURCES** CLOUD/SAAS/ON-PREMISES APP **DELIVERY** Relational Databases JReport Embedded Analytics SQL Server, MySQL, DB2, Oracle, PostgreSQL, etc. Desktop Flat Files Excel, CSV, JSON, TXT, XML, etc. Tablet JReport Server Web Services AWS Redshift, RDS, Mobile Azure SQL DW, etc. Clustering Single Sign-On Big Data MongoDB, Hadoop, HP Vertica, etc. Scheduling Bursting JReport Designer **User-Defined Source** Custom Connector, for Developers REST API Email

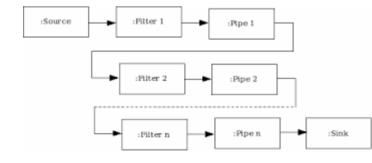
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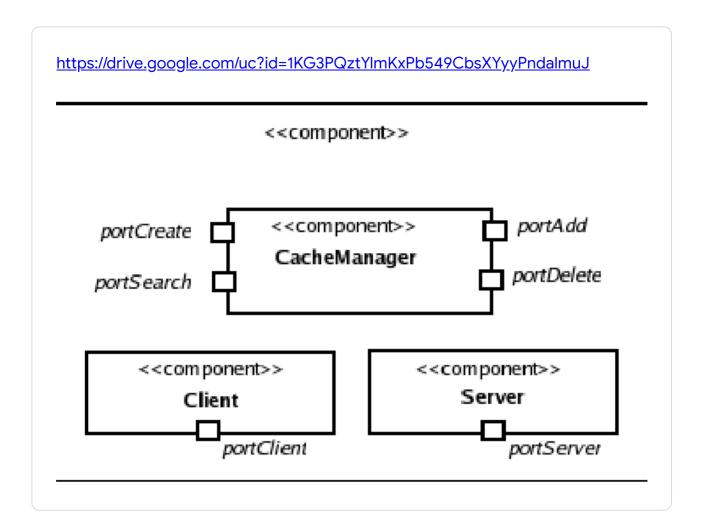


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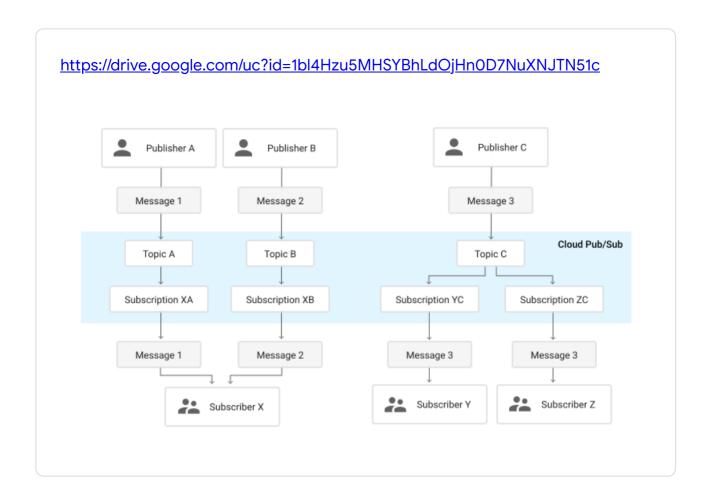




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Presentation Layer Component Component Component
Business Layer Component Component Component
Persistence Layer Component Component Component
Database Layer

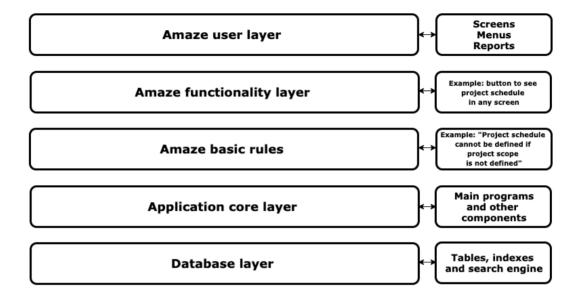
Pub-Sub Microkernel PAC: Presentation Abstraction Controller Repository Database Event Bus Microservices or Service Oriented Architecture Layered Model View Controller REST Pipe and Filter Peer to Peer Broker Client Server Other: https://drive.google.com/uc?id=1iHm7OKrKOGrA3Oqra-h2mWgckmAmloZ2	https://drive.google.com/uc?id=1pVWM4jb72i1vEUR2VIpneWv76bjZk8hU
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Event Bus Microservices or Service Oriented Architecture Layered Model View Controller REST Pipe and Filter Peer to Peer Broker Client Server Other: https://drive.google.com/uc?id=1iHm7OKrKOGrA3Oqra-h2mWgckmAmloZ2	PAC: Presentation Abstraction Controller
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Layered Model View Controller REST Pipe and Filter Peer to Peer Broker Client Server Other: https://drive.google.com/uc?id=1iHm7OKrKOGrA3Oqra-h2mWgckmAmloZ2	Event Bus
Model View Controller REST Pipe and Filter Peer to Peer Broker Client Server Other: https://drive.google.com/uc?id=1iHm7OKrKOGrA3Oqra-h2mWgckmAmloZ2	Microservices or Service Oriented Architecture
REST Pipe and Filter Peer to Peer Broker Client Server Other: https://drive.google.com/uc?id=1iHm7OKrKOGrA3Oqra-h2mWgckmAmloZ2	Layered
Pipe and Filter Peer to Peer Broker Client Server Other: https://drive.google.com/uc?id=1iHm7OKrKOGrA3Oqra-h2mWgckmAmloZ2	Model View Controller
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User Registration System I/O	User System I/O

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Presentation Layer
Business Layer
Persistence Layer
Database Layer

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Layered Architecture Amaze



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User interface

User communications

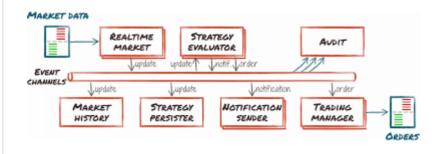
Authentication and authorization

Information retrieval and modification

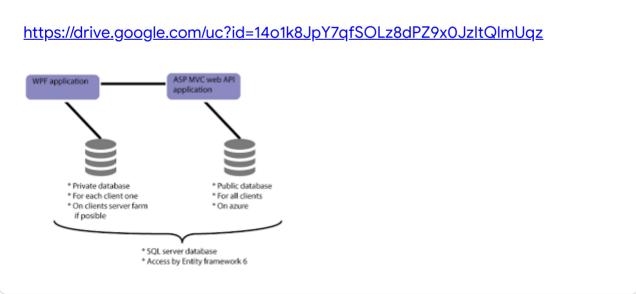
Transaction management
Database

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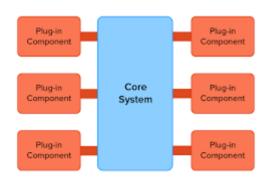


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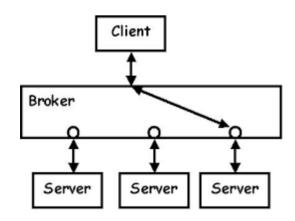
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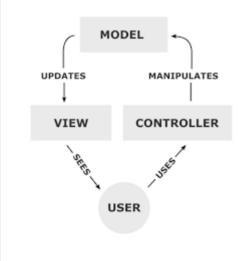
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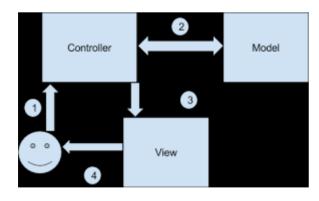
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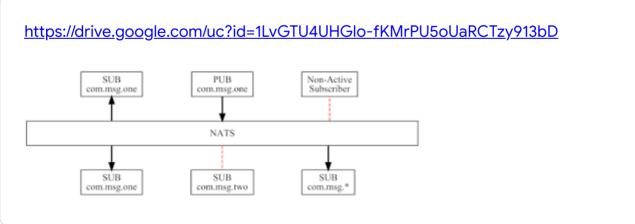


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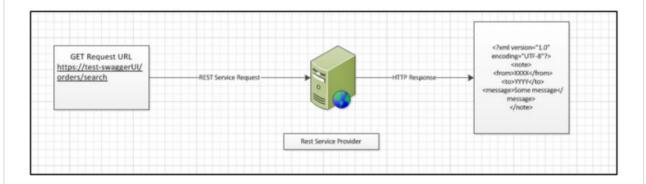
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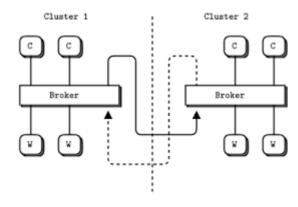
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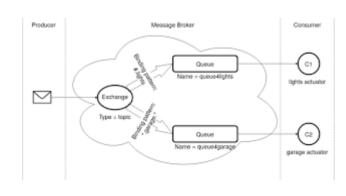
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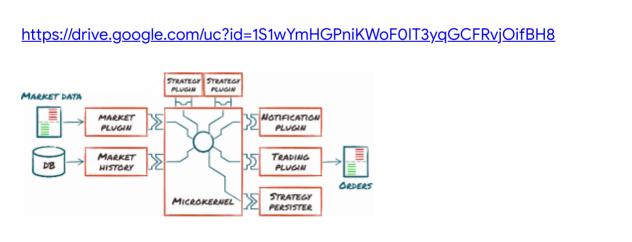


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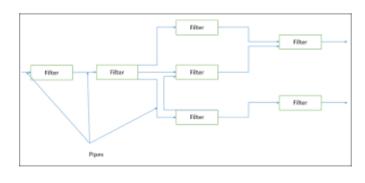


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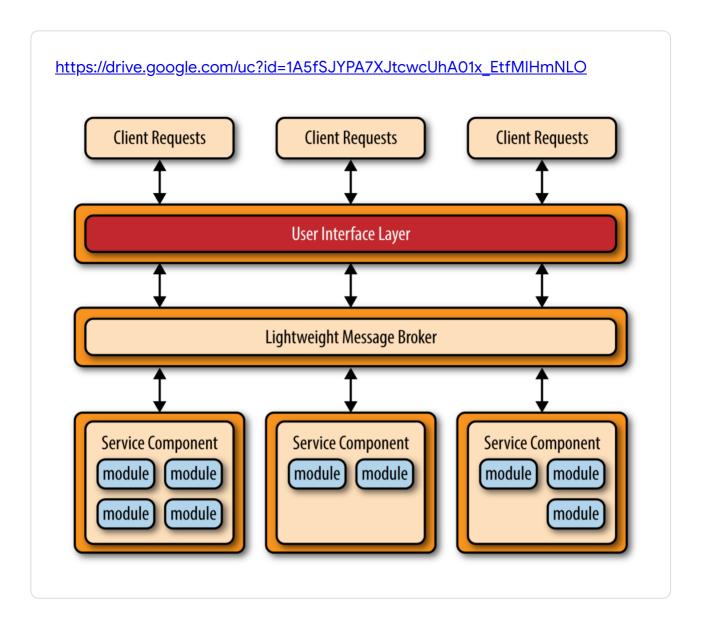


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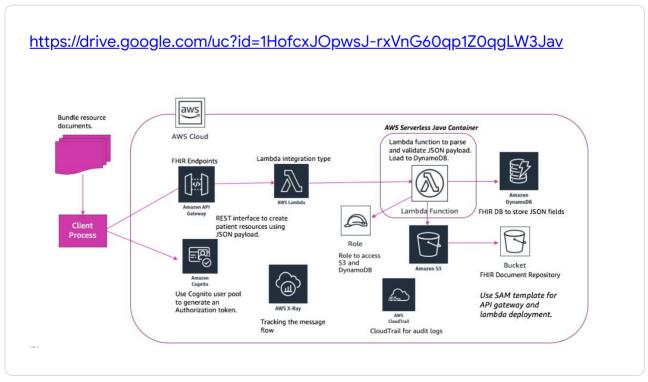
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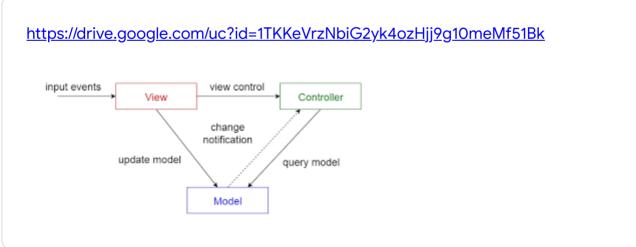


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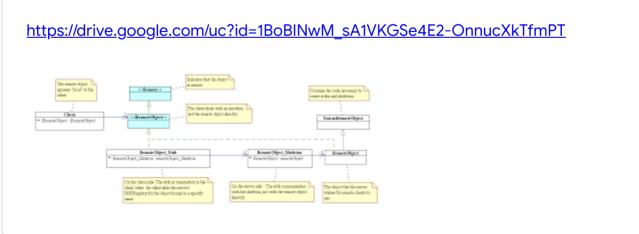
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Repository Database
Event Bus
Microservices or Service Oriented Architecture
Layered
Model View Controller
REST
Pipe and Filter
Peer to Peer
Broker
Client Server
Other:
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input events view control



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Pub-Sub
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Test Class 1 Test Class 2 Test Class Test Class

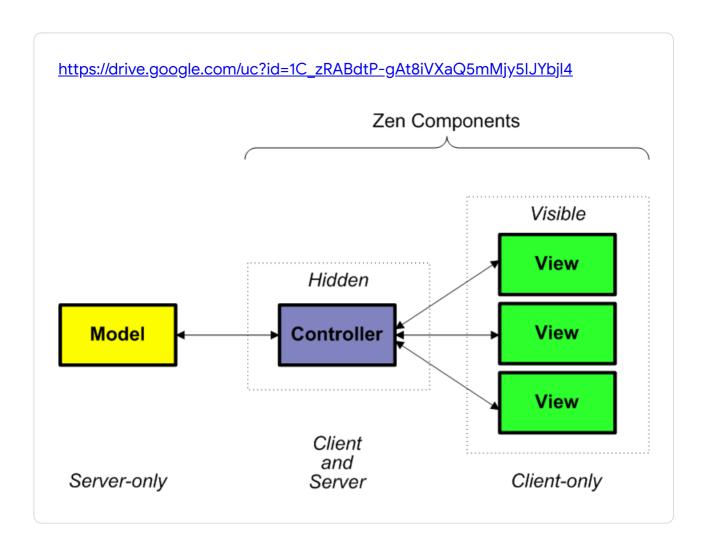
System under test

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Subscriber A Publisher Subscriber B

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