**Async Order Processing With Retry Via Active MQ Broker**

**Requirement:**

we will be processing wm.com order events coming from a  wm.com frontend application. Orders are published and to **ActiveMQ** MuleSoft consumes them asynchronously. Failed processing attempts are **retried** with exponential delay and moved to a **dead-letter queue (DLQ)** after max retries. A **manual retrigger API** can move messages from DLQ back to the original queue for reprocessing.

Please design an API in a optimize way that we should be having order creation flow,Async Order processing Flow, DLQ Retrigger Flow.