Testing the application:

1. Start Zookeeper

```
Last login: Thu Mar 30 01:23:50 on ttys001
mansoorchoudhury@Mansoors-MacBook-Pro ~ % cd Documents/kafka

SLF43: Found binding in [jar:file:/Users/mansoorchoudhury/Documents/kafka/tools/build/dependant-libs-2.13.10/slf4j-reload4j-1.7.36.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF43: Found binding in [jar:file:/Users/mansoorchoudhury/Documents/kafka/trogdor/build/dependant-libs-2.13.10/slf4j-reload4j-1.7.36.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF43: Found binding in [jar:file:/Users/mansoorchoudhury/Documents/kafka/connect/runtime/build/dependant-libs/slf4j-reload4j-1.7.36.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF43: Found binding in [jar:file:/Users/mansoorchoudhury/Documents/kafka/connect/mirror/build/dependant-libs/slf4j-reload4j-1.7.36.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF43: Found binding in [jar:file:/Users/mansoorchoudhury/Documents/kafka/connect/mirror/build/dependant-libs/slf4j-reload4j-1.7.36.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF43: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.

SLF43: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.

SLF43: Actual binding is of type [org.slf4j,impl.Reload4jloggerFactory]

I2023-08-30 13:41:27,738] INFO Reading configuration from: config/zookeeper.properties (org.apache.zookeeper.server.quorum.QuorumPeerConfig)

I2023-08-30 13:41:27,738] INFO clientPortAddress is 0.0.0.0:2181 (org.apache.zookeeper.server.quorum.QuorumPeerConfig)

I2023-08-30 13:41:27,730] INFO clientPortAddress is 0.0.0.0:2181 (org.apache.zookeeper.server.quorum.QuorumPeerConfig)

I2023-08-30 13:41:27,730] INFO beserverMasterPort is not set (org.apache.zookeeper.server.DatadirCleanupManager)

I2023-0
```

2. Start Kafka broker

```
■ Marka — java -Xmx1G -Server -XX:+UseG1GC -XX:MaxGCPauseMillis=20 -XX:InitiatingHeapOccupancyPercent=35 -XX:+ExplicitGCInvokesConcurrent -XX:Ma...

Last login: Thu Mar 30 13:40:33 on ttys005
mansoorchoudhury@Mansoors-MacBook-Pro ~% cd Documents/kafka
mansoorchoudhury@Mansoors-MacBook-Pro ~% cd Documents/kafka
mansoorchoudhury@Mansoors-MacBook-Pro ~% cd Documents/kafka
SLF43: Class path contains multiple SLF4J bindings.
SLF41: Class path contains multiple SLF4J bindings.
SLF41: Found binding in [jar:file:/Users/mansoorchoudhury/Documents/kafka/trogdor/build/dependant-libs-2.13.10/slf4j-reload4j-1.7.36.jar!/org/slf4j/impl/StaticLogger Binder.class]
SLF43: Found binding in [jar:file:/Users/mansoorchoudhury/Documents/kafka/trogdor/build/dependant-libs-2.13.10/slf4j-reload4j-1.7.36.jar!/org/slf4j/impl/StaticLogg erBinder.class]
SLF43: Found binding in [jar:file:/Users/mansoorchoudhury/Documents/kafka/connect/runtime/build/dependant-libs/slf4j-reload4j-1.7.36.jar!/org/slf4j/impl/StaticLogg erBinder.class]
SLF43: Found binding in [jar:file:/Users/mansoorchoudhury/Documents/kafka/connect/mirror/build/dependant-libs/slf4j-reload4j-1.7.36.jar!/org/slf4j/impl/StaticLogg erBinder.class]
SLF43: Found binding in [jar:file:/Users/mansoorchoudhury/Documents/kafka/connect/mirror/build/dependant-libs/slf4j-reload4j-1.7.36.ja
```

3. Start Acetech application

```
ssl.keystore.location = null
ssl.keystore.password = null
ssl.keystore.type = JKS
ssl.provider = null
ssl.secure.random.implementation = null
ssl.secure.random.implementation = null
ssl.secure.random.implementation = null
ssl.truststore.cartificates = null
ssl.truststore.cartificates = null
ssl.truststore.cartificates = null
ssl.truststore.password = null
ssl.truststore.location = null
ssl.truststor
```

4. Start Partners application

```
| Name |
```

5. Send request through Postman

```
POST
                 localhost:8081/batches/createBatch
                                                                                                            Send
                                                                                                                           </>
Params
         Authorization Headers (8)
                                     Body •
                                               Pre-request Script
                                                                  Tests
                                                                         Settings
                                                                                                               Cookies
        ■ form-data
■ x-www-form-urlencoded
■ raw
■ binary
■ GraphQL
JSON
✓
                                                                                                                Beautify
none
                                                                                                                           i
   1
       [
   2
                                                                                                                           :(g):
   3
             "batchid": "PP27646",
             "batchTypeId":"medicine 01",
   4
   5
             "batchTypeDescription":"Panadol",
             "batchExpirationDate": "2024-02-22",
   6
             "batchCount":10
   7
   8
   9
             "batchid": "PP27647",
  10
             "batchTypeId": "medicine 03",
  11
             "batchTypeDescription":"Nurofen",
  12
  13
             "batchExpirationDate":"2024-01-22",
  14
             "batchCount":100
  15
  16
```

Response received:

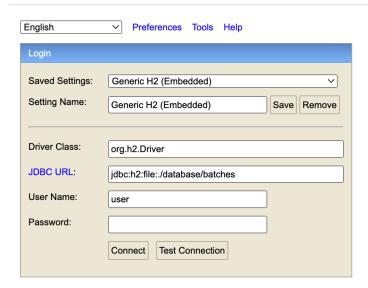
```
Body Cookies Headers (5) Test Results
                                                                       ② 200 OK 1556 ms 548 B Save Response >
                                                                                                                  i
 Pretty
          Raw
                            Visualize
                                        JSON V
                                                                                                          Q
                  Preview
                                                                                                      :(g):
   2
           "successfulBatchList": [
   3
                  "batchid": "PP27646",
   4
   5
                  "batchTypeId": "medicine 01",
   6
                  "batchTypeDescription": "Panadol",
                  "batchExpirationDate": "2024-02-22",
   7
   8
                  "batchCount": 10
   9
              3,
  10
  11
                  "batchid": "PP27647",
                  "batchTypeId": "medicine 03",
  12
  13
                  "batchTypeDescription": "Nurofen",
                  "batchExpirationDate": "2024-01-22",
  14
                  "batchCount": 100
  15
  16
  17
  18
           "failedBatchList": [],
  19
           "statusCode": 200,
           "message": "Batch Processing completed successfully"
  20
  21
```

6. Partners get intimated with new batch created in Acetech

```
2023-03-30T13:49:22.302+81:00 INFO 67795 --- [ntainer#0-0-C-1] o.a.k.c.c.internals.ConsumerCoordinator : [Consumer clientId=consumer-myGroup-1, groupId=myGroup] Adding ng newly assigned partitions: batch_topic_local-0
2023-03-30T13:49:22.318+01:00 INFO 67795 --- [ntainer#0-0-C-1] o.a.k.c.c.internals.ConsumerCoordinator : [Consumer clientId=consumer-myGroup-1, groupId=myGroup] Sett ing offset for partition batch_topic_local-0 to the committed offset FetchPosition{offset=6, offsetEpoch=Optional.empty, currentLeader=LeaderAndEpoch{leader=Optional[l coalhost:0902 (id: 0 rack: null)], epoch=0}}
2023-03-30T13:49:22.320+01:00 INFO 67795 --- [ntainer#0-0-C-1] o.s.k.l.KafkaMessageListenerContainer : myGroup: partitions assigned: [batch_topic_local-0] : Batch received from AceTech-> {"batchid":"PP27646","batchTyp eld":"medicine 01", "batchTypeDescription":"Panadol", "batchExpirationDate":[2024,2,22],"batchCount":10} : Batch received from AceTech-> {"batchid":"PP27647","batchTyp eld":"medicine 03", "batchTypeDescription":"Nurofen", "batchExpirationDate":[2024,1,22], "batchCount":100} : Batch received from AceTech-> {"batchid":"PP27647", "batchTyp eld":"medicine 03", "batchTypeDescription":"Nurofen", "batchExpirationDate":[2024,1,22], "batchCount":100} : Batch received from AceTech-> {"batchid":"PP27647", "batchTyp eld":"medicine 03", "batchTypeDescription":"Nurofen", "batchExpirationDate":[2024,1,22], "batchCount":100} : Batch received from AceTech-> {"batchid":"PP27647", "batchTyp eld":"medicine 03", "batchTypeDescription":"Nurofen", "batchExpirationDate":[2024,1,22], "batchCount":100} : Batch received from AceTech-> {"batchid":"PP27647", "batchTypeDescription":"Nurofen", "batchExpirationDate":[2024,1,22], "batchCount":100} : Batch received from AceTech-> {"batchid":"PP27647", "batchTypeDescription":"Nurofen", "batchExpirationDate":[2024,1,22], "batchCount":100} : Batch received from AceTech-> {"batchid":"PP27647", "batchTypeDescription":"Nurofen", "batchExpirationDate":[2024,1,22], "batchCount":100} : Batch received fro
```

7. Data in Acetech H2 Database

Connect to DB screenshots



Data persisted for request in step 5 in BATCH table

