

# Distributed Systems Summative Assignment

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## **1 Part 1**

### **1.1 Generic Workflow with Passive Replication**

In passive replication, all requests made by the client are executed by the primary replica, which, upon completion of the request, would then send an update message to its backups. The basic principle behind this is that the backups do not execute any invocations but instead only apply the changes produced by the invocation execution at the primary server. As such, request invocations do not need to be coordinated between the backup servers.