

Project B5

- Simple distributed key-value store with consistency guarantees
 - 1 student per team, max 4 students
 - Programming language: Go
 - Implement a simple distributed key-value store with consistency guarantees
 - Operations: get(key), put(key, value), delete(key)
 - Clients can request operations to any replica
 - Provide consistency guarantees
 - Sequential consistency using logical scalar clocks
 - Causal consistency using logical vector clocks
 - Test your solution (at least 3 replicas)
 - Deployment using Docker Compose and EC2 instance
 - You also need to emulate network delays to simulate delays in the message transmission among different replicas