

CS 549—Distributed Systems and Cloud Computing

Assignment Two—RESTful DHT—Rubric

30 pts: Project has been completed

1. ☐ 15: DHT operations: getPred, getSucc, closestPrecedingFinger, get, add, delete, join
2. ☐ 10: NodeService operations: getPred, getSucc, closestPrecedingFinger, notify, getBinding, addBinding, deleteBinding, findSuccessor
3. ☐ 5: WebClient: putRequest, deleteRequest, tableRowType, getSucc, getClosestPrecedingFinger, get, add, delete, findSuccessor

65 pts: Testing (requires videos):

1. ☐ 20: Joining at least 3 nodes into a DHT network (all on separate EC2 instances)
2. ☐ 10: Adding, retrieving and deleting bindings, at the local node. Use bindings and routes commands to show results of modifying bindings
3. ☐ 25: Adding and retrieving bindings, at remote nodes
4. ☐ 10: Deleting bindings, at remote nodes

☐ **5: Completed rubric**

Total: