Test Plan:

* Verify Endpoint “Start” accepts only user ID as a parameter, and creates a resource for that user at state S0.
* Verify State of resource changes to S1 if it assigned to user successfully.
* Verify if resource assignment to user fails it goes to S5 state.
* Verify Endpoint “run” takes user ID and resource name as input and, validates the resource belongs to the user and it’s in state S1. If success resource state should change from S1 to S2>S3.
* Verify failure at Endpoint “run” resource state goes to S5 from S1.
* Verify Endpoint “stop” takes user ID and resource name as input and, validates the resource belongs to the user and it’s in state S3. If success resource state should change from S3 to S4>S5.
* Verify failure at Endpoint “stop” resource state goes to S5 from S3.