SSN COLLEGE OF ENGINEERING
Department of Computer Science and Engineering
CS8711 Cloud Computing Laboratory

Assignment - 7 : Simulation of Scheduling Algorithm in CloudSim

Assigned Date: 14.10.2020.   **Due Date: 24.10.2020**

1. Setting up Development Environments in the Windows OS / Linux OS as Host Operating System.

   Install JDK 1.6 and later for Java, Eclipse Classic (3.5.1 and higher) and CloudSim tool kit.

   Java Development Kit (JDK) Download Link:

   http://www.oracle.com/technetwork/java/javase/downloads/index.html

   Eclipse IDE Download Link:

   http://www.eclipse.org/downloads/

   CloudSim Tool Kit Download Link:

   http://code.google.com/p/cloudsim/downloads/detail?name=cloudsim-3.0.zip

   CloudSim Tutorial: Configure CloudSim using Eclipse IDE

   https://www.youtube.com/watch?v=OZRbkkEuQMI&pbjreload=101

   CloudSim Using Netbeans

   https://www.youtube.com/watch?v=YOzY48_On2Y&pbjreload=101

2. **Follow CloudSim Tutorial for simulate a cloud scenario using CloudSim.**

   Go through the video in you tube mentioned below to understand and use the simulation process that are inbuilt with CloudSim.

   https://www.youtube.com/watch?v=MA6L3OQqp10

3. **Run a Scheduling Algorithm that is not present in CloudSim.**

   CloudSim Tutorial: Simulation of SJF Task Scheduling Algorithm 2019

   https://www.youtube.com/watch?v=SE0I1z4_zBQ

   Cloud computing scheduling algorithms CloudSim Projects

   https://www.youtube.com/watch?v=WEqY5kRk-g0&pbjreload=101

   CloudSim Tutorial in detail

   https://www.cloudsimtutorials.online/cloudsim/

   https://www.cloudsimtutorials.online/cloudsim-setup-using-eclipse/