**BPHHE PROCEDURE FOR PROGRAM EXECUTION**

**EDGE GATEWAY:**

**INSTALLATIONS:**

* JAVA JDK & JRE
* ANACONDA 3 with python
* Chrome
* Node Js

**JAR FILES:**

* json-simple-1.1.1 [Create a folder JSON in C drive and add jar file to JSON folder]

**ENVIRONMENT VARIABLES [System Variables]:**

* CLASSPATH - C:\JSON\json-simple-1.1.1.jar
* Path - Append Path variable at the end by adding new fields To set environment variables to run JDK and JRE. For instance, If java version is 1.8.0\_271,
  + C:\Program Files\Java\jdk1.8.0\_271\bin
  + C:\Windows\System32
* Path - Append Path variable at the end by adding new fields To set environment variables to run node js
  + C:\Program Files\nodejs

**CLOUD SERVER:**

**INSTALLATIONS:**

* ANACONDA 3 with python
* Ganache
* Truffle
* Metamask Extension
* Visual Studio Code

**ENVIRONMENT VARIABLES [System Variables]:**

* Add path for python during installation of anaconda 3

**PROCEDURE:**

In cloud server,

* Create new workspace in ganache.
* Copy private keys of networks and import accounts to metamask
* Start Ganache
* Get started with metamask
* Open visual studio code and run the following

npm install -g truffle compile

npm install -g truffle migrate

npm run start

In edge server,

* Run:

python integrate.py

node Server.js