**Problem and Solution**

**In this document we will share the valuable problems and the solution we meet during the project development as a reference menu for the new programmer who may take over this project for further development. Later we will sort the problem based on the problem <type>.**

**Format:**

**# Problem: (Situation description)**

**# Error Message:**

**# Type: Setup exception**

**# Solution:**

1. **Problem:** Unable to run flask server and socketIO concurrently due to threading issues **Error Message:** greenlet.error: cannot switch to a different thread

**Type:** Setup exception

**Solution:** Upgrade Python 2.7 to Python 3.x to run Eventlet successfully.   
Alternatively, use gevent and gevent-socket library instead of eventlet:  
 Step 1: Uninstall eventlet library: pip3 uninstall eventlet  
 Step 2: Install gevent: pip3 install gevent  
 Step 3: Install gevent-socket: pip3 install gevent-socket

1. **Problem:** Unable to install some of the VM images (problem images: Ubuntu 18.04.4-AMD64, ARP-win7, Window Server 2016, Windows\_2019)  
   **Error Message:** No disk partition available to install the OS.  
   **Type:** Installation  
   **Solution:** Unable to resolve