**STATEMENT OF WORK OUTLINE**

**Team: ShadedMariposaIT**

1. **Scope of the Project.**

This project consists of adding qBitTorrent Client on a Raspberry Pi to download and share files.

**2. Description:**

BitTorrent Client is an open software utility designed to allow peer-to-peer communication services through the BitTorrent protocol for sharing, downloading, and seeding data to a group of globally connected peers powered by the same protocol.

**3. List of Required Equipment and Software:**

* + Raspberry Pi.
  + Micro SD Card
  + Follow the steps to download qBitTorrent Desktop on the Raspberry Pi (https://pimylifeup.com/raspberry-pi-qbittorrent/ )
  + Wi-Fi connection
  + HDMI cable
  + VPN Server

**4. Strategic Plan**

The team will install qBitttorent on a Raspberry Pi and perform the necessary configurations such as (Enabling the Web UI through the Client Software or adding VPN server).

**5. Tentative Schedule**

* 03/10/2024 Brainstorming on Several Project ideas.
* 03/11/2024 Decided on Using the Pi as a Media Center.
* 03/13/2024 Submit Statement of Work to the Professor.
* 03/14/2024 Download on the SD card and configure the application.
* 03/15/2024 Test the application and add services.
* 03/16/2024 Debug or finetune the application and services.
* 03/17/2024 Raspberry Pi OSMC installation failed because the Pi did not meet the minimum requirements for an OSCM media player.
* 03/19/2024 Redacted and resubmitted the SoW to the Professor.
* 03/20/2024 Presentation of the Project.

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|  | ***Team: ShadedMariposaIT*** |  |  |  |
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