**Powering hardware and connecting to the internet**

The Raspberry Pi will be Powered with the use of a power bank. The diagram below illustrates how one raspberry pi will be powered by a power bank. The power bank is connected by a USB cable that then connects and powers the Raspberry Pi.



(Figure (X.X.X)) Power bank connection to Raspberry Pi

Below describes the process needed to connect the raspberry pi to the internet

* **Step 1**: Download the Raspberry Pi imager v1.4
* **Step 2:** Insert SD card into laptop.
* **Step 3:** Choose Operating System.



* **Step 4:** Choose SD card



* **Step 5:** Write and verify SD card.



* **Step 6:** Remove SD card from laptop and put it into Raspberry Pi.
* **Step 6:** Connect Raspberry Pi to Monitor with HDMI cable.
* **Step 7:** Complete prompt information from Raspberry Pi (Username, Password, and Internet details).