

Part C:

I was moving when capturing the trace on mobile phone (which may affect the link quality by the distance to the access point or base station). Meanwhile, the signal in different rooms may vary caused by some barriers in different rooms. The result indicates that the data transfer rate varied in different environment based on the I/O graph included in the part B report. And based on my observation on playing the video, the streaming service will downgrade when link quality downgrade and upgrade when link quality upgrade.