**Meeting the Brief:**

**BASIC REQUIREMENTS:**

Automatic System:

My system consists of playing the game on the micro bit and when you lose in the game, the micro bit code automatically sends the users data onto the serial. I have python code that is in sync with Python code. The python code uploads the data from the serial to a server called Firebase. JavaScript code will then automatically collect the data from Firebase and produce a visual graph.

Inputs:

The buttons on the micro bit are digital inputs.

The LDR on my circuit is an analog input.

The inputs in the basic and advanced requirement python files are digital inputs.

Outputs:

The noise from the micro bit

**References:**

* *https://www.lumosity.com/en/*
* *https://www.mindnode.com/*
* *https://www.cognifit.com/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8598050*

**Script:**

**Hello and this is my leaving cert computer science project.**

**This video will showcase how my project has met the brief.**

**To start with the basic requirements, here is my microbit and when I lose to the game on the microbit, the data collected from the user like age and memory score is automatically brought to the serial. A running python code will be in sync with the serial and collect the data and send it to the firebase. Here is running javascript code that shows how it collects the data from the firebase and makes a graph by using the module chart JS. Here is my graph for the basic and advanced requirements. You can see the following data.**

**/// make a video showing the microbit and the code**

**Show the validation process**