

Team: BitBois

Scientist: Dr. Bill Siever

1/17/23: 4pm-5pm @ Zoom

Attendance:

Present:

Roger Lind

Tyler Budd

Thanuja Maddali

Josh Reynolds

Michael Zitta

Absent:

Noah Reinke -Lab Conflict

Parker Kirwin -Lab Conflict

Interview to get an understanding of what the micro:bit app should be and how it should function.

NOTES:

Makecode

App summary:

App should allow connection to MicroBit via Bluetooth and access stored data.

Connect to bit

Retrieve Data

Initiate connection process

Wait for update in data

Tell how many columns and what labels to use

Not sure of data type, either floats or integers

Possibly work with multi MicroBits

Many teachers want to do data collection

Previous version of the app would stream in data and display it on the graph.

People are currently connecting microBit to sensors to collect data.

Provided libraries:
will be a repository

Users:
Any age
Middle and High School teachers and students
Students might be using the application
No login needed

User Main Goal:
View live data being collected from MicroBit

Device Type:
Desktop

Choose what you want to display on a graph
How to deal with zooming on graph