# Intro

Flappy FluApp? Is a ridicuolus name! Looks like an application for the flu

# Log

Next step try to control button and LED Ok, seems the button in my LaunchPad is buggy! => Need some cables with a button

# LaunchPad

Define the LaunchPad we own part number, additional IC etc…

Installed IC MSP430G2553

# Serial Communications

<https://www.embeddedrelated.com/showarticle/420.php>

https://www.xanthium.in/Serial-Communication-MSP430-UART-USCI\_A

PC:

<https://www.codeguru.com/cpp/i-n/network/serialcommunications/article.php/c5425/Serial-Communication-in-Windows.htm>

https://msdn.microsoft.com/en-us/library/ff802693.aspx

# Matrix Keyboard

<http://pcbheaven.com/wikipages/How_Key_Matrices_Works/>

# Android Development

<https://developer.android.com/training/index.html>

# Bluetooth

HC-05/HC-06 serial to Bluetooth module

http://www.martyncurrey.com/hc-05-and-hc-06-zs-040-bluetooth-modules-first-look/

Connection with LaunchPad:

<http://www.electronicwings.com/ti-launchpad/hc-05-bluetooth-module-interfacing-with-msp-exp430g2-ti-launchpad>

19/7/2020

Bought 2 HC-05 boardsand tested one with Bluetooth over Android and Windows 10 with Energia IDE. There is a special language which embeds everything in a a call like “serialInit(<baud\_rate>), maybe it should be ported to C, or even no

NEXT STEP

Try to Connect SynAssembler with the Serial Module toward MSP430

Successfully connected to button but looks pretty spurius! On and Off written many times

29 Nov 2020

Tested AudioEngine with MIDI. Works fine but there is a bug when there are >= 3 notes together: distortion!