# 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>

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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