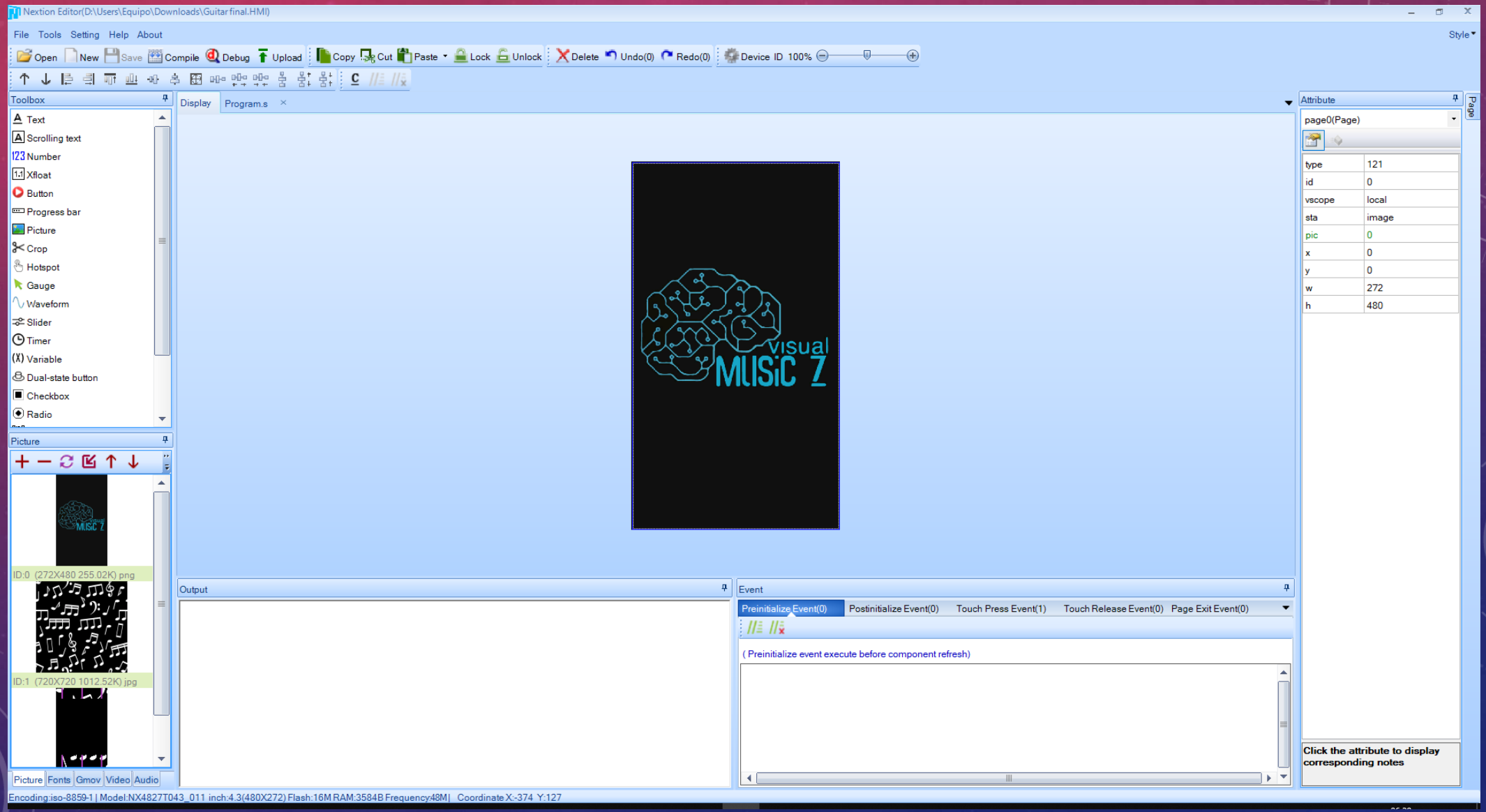
NEXTION EDITOR

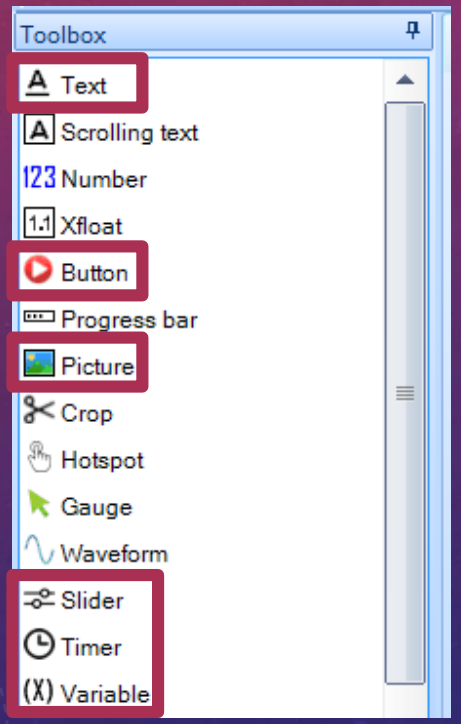
THE TFT DISPLAY'S OWN INTERFACE DEVELOPING SOFTWARE

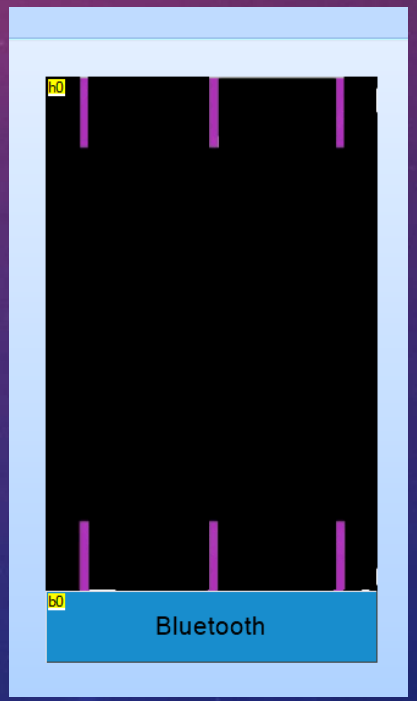
MAIN MENU

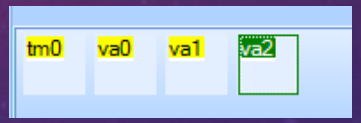

Nextion Editor(D:\Users\Equipo\Downloads\Guitar final.HMI)
File Tools Setting Help About
Style
Open New Save Compile Debug Upload Copy Cut Paste Lock Unlock Delete Undo(0) Redo(0) Device ID 100%
Toolbox
Text
Scrolling text
Number
Xfloat
Button
Progress bar
Picture
Crop
Hotspot
Gauge
Waveform
Slider
Timer
Variable
Dual-state button
Checkbox
Radio
Picture
ID:0 (272X480 255.02K) png
ID:1 (720X720 1012.52K) jpg
Picture Fonts Gmov Video Audio
Display
Program.s
visual
MUSIC Z
Output
Event
Preinitialize Event(0)
Postinitialize Event(0)
Touch Press Event(1)
Touch Release Event(0)
Page Exit Event(0)
(Preinitialize event execute before component refresh)
Attribute
page0(Page)
type 121
id 0
vscope local
sta image
pic 0
x 0
y 0
w 272
h 480
Click the attribute to display corresponding notes
Page
Encoding:iso-8859-1 | Model:NX4827T043_011 inch:4.3(480X272) Flash:16M RAM:3584B Frequency:48M| Coordinate X:-374 Y:127

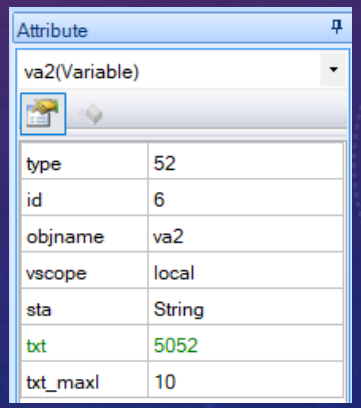
TOOLBOX

- Here you can pick different tools to add in our display screen/page.
- In this case we used text, pictures, an slider, a push button, a timer and 3 string type variables.







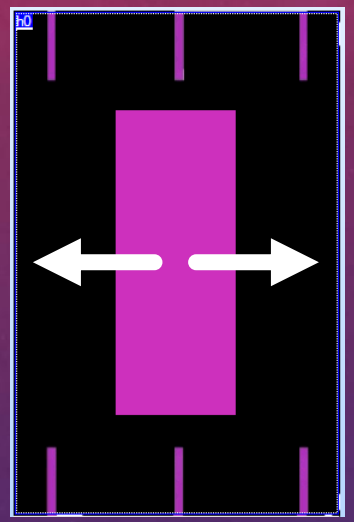


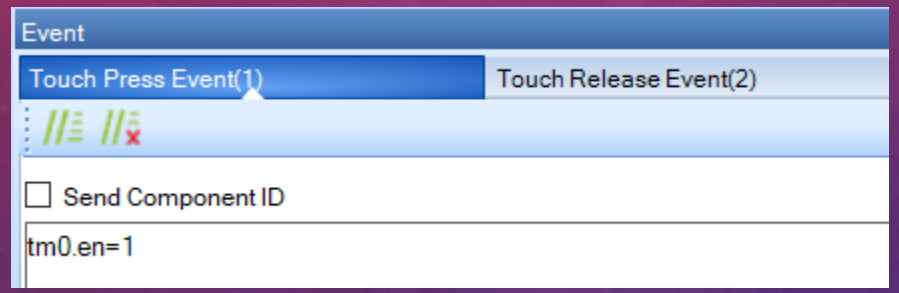
PICTURES

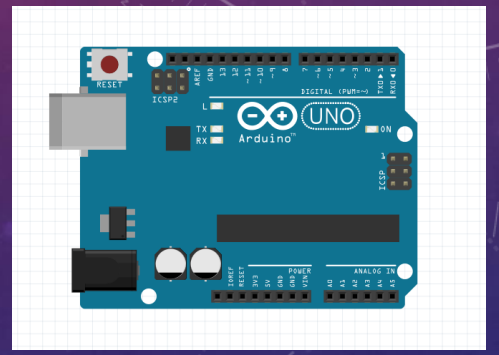
- In the pictures section we included the backgrounds that we would be using for the two screens.

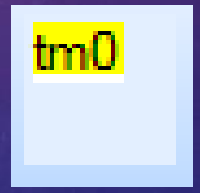
CODE

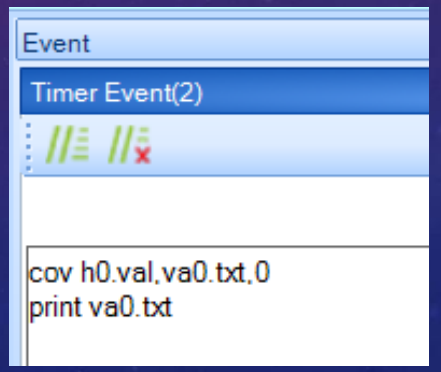
- The code part is really short and simple, most of it is related to the timer, so this is the explanation: whenever the slider is touch pressed, the timer starts (tm0.en=1), and every 100 milliseconds (tim=100), the value of the slider (h0.val) is saved as text (va0.txt) and then printed/sent to the Arduino (print va0.txt) via serial communication to play a note.





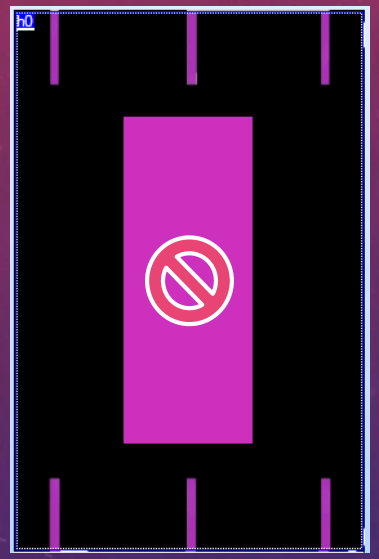


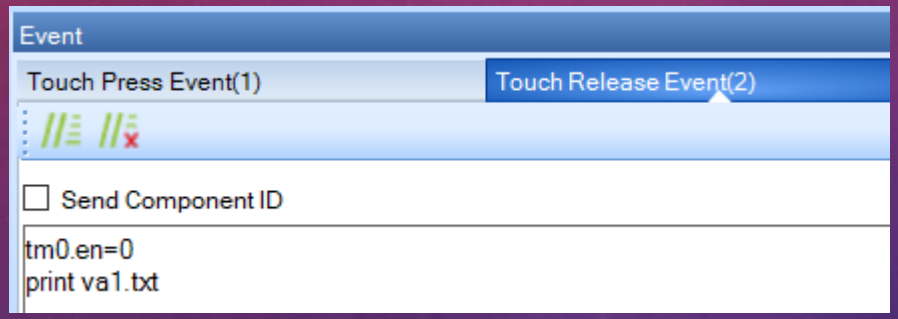


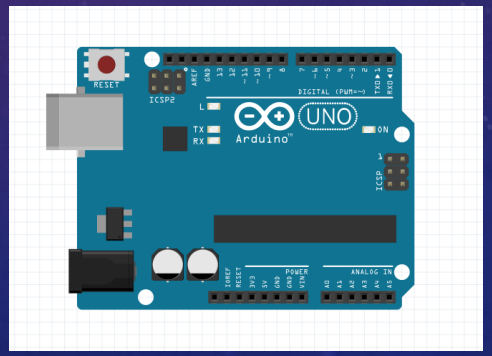


CODE

- Now, when the slider is touch released, it stops the timer (tm0.en=0) and sends text to the Arduino (print va1.txt) to let it know the note has been stopped.







MORE INFO AT:

HTTPS://NEXTION.TECH/NEXTION-EDITOR/