

Donate to App Inventor

Screens: Screen1 + - ⚙️ 🌐

initialize global ESP\_IP to

set TextBox1 . Text to call TinyDB1 .GetValue  
tag SavedIP  
valueIfTagNotThere

when Button1 .Click  
do call TinyDB1 .StoreValue  
tag SavedIP  
valueToStore TextBox1 .Text

when Button2 .Click  
do open another screen screenName Screen2

when Button3 .Click  
do open another screen screenName Screen3

when Button4 .Click  
do open another screen screenName Screen4

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Screens: Screen2 + - ⚙️ 🌐

initialize global ESP\_IP to

when Screen2 .Initialize  
do set global ESP\_IP to call TinyDB1 .GetValue  
tag SavedIP  
valueIfTagNotThere   
call WebViewer1 .GoToUrl  
url ⚙️ join  http://  get global ESP\_IP

or

Screens: Screen3 ▾ + − ⚙️ 🌐

when Screen3 ▾ .Initialize

do call WebViewer1 ▾ .GoHome

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Screens: Screen4 ▾ + − ⚙️ 🌐

initialize global ESP\_IP to " "

when Screen4 ▾ .Initialize

do set global ESP\_IP to call TinyDB1 ▾ .GetValue

tag SavedIP

valueIfTagNotThere " "

to fan

do set Web1 ▾ .Uri to join "http://" join get global ESP\_IP join "/toggleDoor"

call Web1 ▾ .Get

when ScSpeechRecognizer1 ▾ .AfterGettingText

result

do set result to downcase ScSpeechRecognizer1 ▾ .Result

set Label1 ▾ .Text to get result

if contains text get result

piece light

then call light ▾

if contains text get result

piece fan

then call fan ▾

if contains text get result

piece door

then call door ▾

to light

do set Web1 ▾ .Uri to join "http://" join get global ESP\_IP join "/toggleLight"

call Web1 ▾ .Get

to door

do set Web1 ▾ .Uri to join "http://" join get global ESP\_IP join "/door?state=1"

call Web1 ▾ .Get

when Button1 ▾ .Click

do call ScSpeechRecognizer1 ▾ .GetText