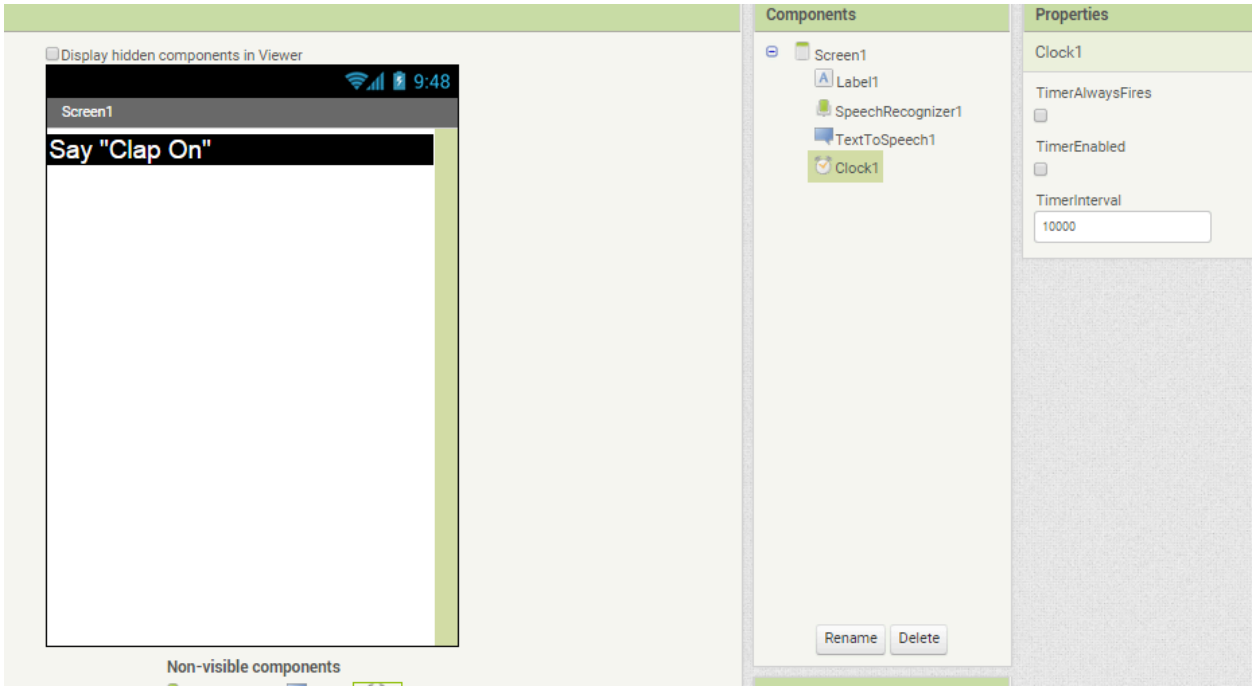
Clapper

Purpose

This is a small exercise on the Speech input and output facilities of App Inventor 2. It is based on a commercial product known as The Clapper, but it responds to spoken “Clap On” and “Clap Off” requests to light up the screen.

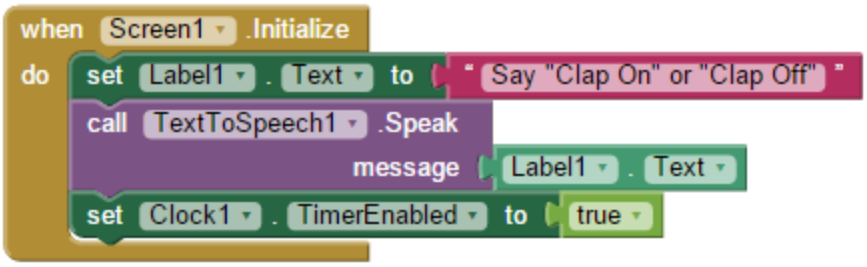


Designer

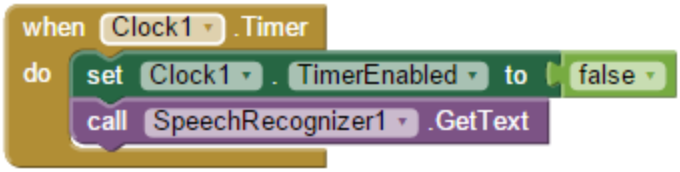


The screen has a Label for prompts. Other components include the Speech Recognizer and Text to Speech components, along with a Clock component set to 10 second disabled single shot operation.

Screen1.Initialize

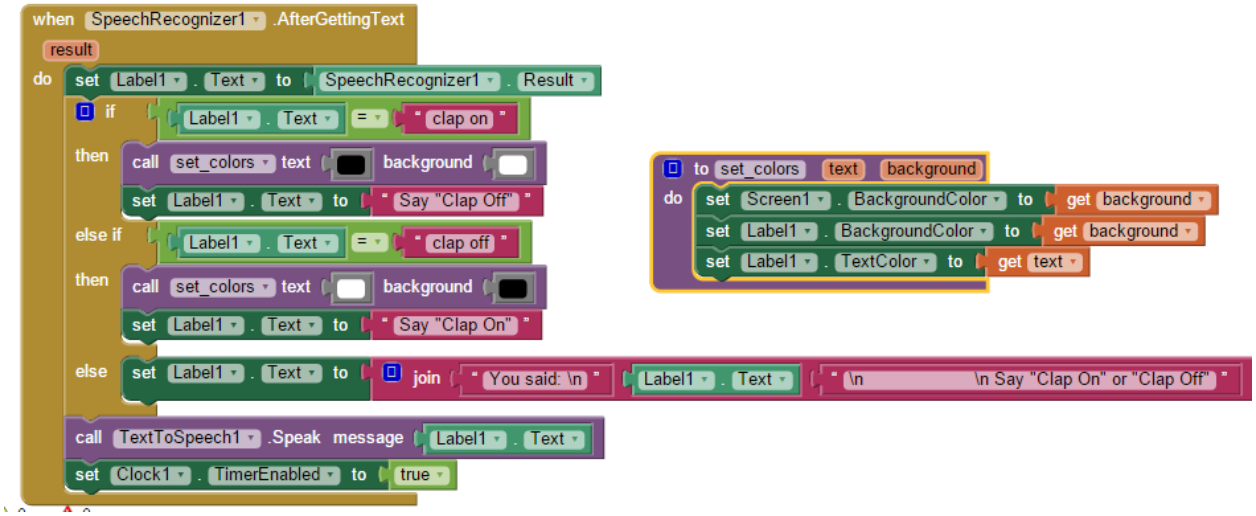


Clock1.Timer



The ten second single shot timer is there to slow down response to requests, to provide at least 10 seconds of light after turning on the light.

When SpeechRecognizer1.AfterReceiving Text



Show what we heard in Label1. The screen background and Label1 background color are set to white or black after the users says “clap on” or “clap off” respectively. If neither was said, tell the user what we heard and prompt him again.

Gallery Project

ai2.appinventor.mit.edu/?galleryId=6069097627123712

Other projects

https://docs.google.com/document/d/1acg2M5KdunKjJgM3Rxpy_Rf6vT6OozxdIWglgbmzroA/edit?usp=sharing