Submission Date	9/11/2018
Project Name	Power Switch
Student Name	Juan Rodriguez
Project repository	https://github.com/JuanRodriguez19/SensorEffector
1 Tojece Tepository	CAP1188 8-channel Capacitive Touch (0x2A).
SensorEffector choice	on 1100 o chamier capacitive roach (ox27).
SCHSOI Effector choice	The database will store the timestamps of when the buttons are pressed and the
The database will store	corresponding light turns on.
The mobile device	Displays the issue when the button is pressed but no lights are turned on so that the
functionality will	user knows what is wrong.
include	user knows what is wrong.
merade	Shield Canada Security
	Sincia Canada Security
I will be collaborating	
with the following	
company/department	
company, acpartment	Johnson Dinh, Jordan Pulido
My group in the winter	Johnson Billi, Jordan Fundo
semester will include	
semester will include	Sometimes when a button is pressed, its hard to tell whether the button actually
50 word problem	accomplished anything as there is often no indicator telling the user if there was an
statement	issue with the execution. This could lead to major problems when it comes to a
Statement	security power switch that is not functioning.
	The switch would consist of 4 wires connected to a raspberry pie that in order to
	function properly, must be pressed at the same time so that the light would turn on. If
100	only some of the wires are in contact, the light would not turn on as it's a secruity
100 words of	measure. The app would display a message saying there was a problem and explain
background	why the light did not turn on. For instance, wire 3 and 4 was not pressed etc. If for
	whatever reason the button press does not turn on or that it did not meet the criteria
	required, the app would display the reasoning behind it.
	Consolition Through Coultable (and ) Datains and for an interest (1)
	Capacitive Touch Switch. (n.d.). Retrieved from https://www.noritake-
Current product APA	elec.com/products/capacitive-touch-
citation	switch?gclid=EAlalQobChMIztenvrmz3QIVh4SzCh1j_gzHEAAYASAAEgJz2vD_BwE
	Chul Nam Young Cun Du and Kang Yoon Lee #123/12 conseiting machine to take a said
Eviating was a relation	Chul Nam, Young-Gun Pu and Kang-Yoon Lee, "12×12 capacitive matrix touch sensing
Existing research IEEE	unit for SoC application in 0.18um CMOS process," 2009 International SoC Design
paper APA citation	Conference (ISOCC), Busan, 2009, pp. 305-308.
	doi: 10.1109/SOCDC.2009.5423788