EECE404 Senior Design II
Dr. Charles Kim

(Socially Responsible) Citizen Engineer - Lab Report

<u>Team Class Activity</u>

A. Instruction:
Fill out the Citizen Engineer Lab Report Form for the selected product.

Note that:
(a) All 7 Sections, A to G, have to be filled
(b) All 3 components in the Sections C and D have to be listed

B. Score Distribution and Rubric:

Section #	Description	Point Distribution (by the quality of the description)			
B	Concise description of the intended/desired functions	10	5	0	
C	Unintended/Undesired Impacts: 3 components	30	20	10	0
D	Solutions to mitigate the unintended/undesired impacts (3) listed in Section C	30	20	10	0
E	Additional cost for implementing 1 of the 3 solutions of Section D	10	5	0	
F	Economic Trade-Off	10	5	0	
G	Concise conclusions	10	5	0	

C. Submission: Submit a typed report by the end of the class.   If the submission is of electronic format, name the file as **Your_Team_Name_CitizenEngineer.xxx**. One submission by team leader. **If** submission is not made by the end of the class, the activity turns to a Team Assignment, with the due **the same time the next day**.

D. Late submission is subject to 20% deduction in maximum earnable points each day of delay

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Date	
Team Name	
Participants	

Section A:
Product name:

Section B:
Intended and Desired Functions of the product:

Section C:
(Potential) Unintended and Undesired Impacts On society: On Human/Animal Health: On Environment:

Section D:
Solutions to Mitigate the (potential) unintended & undesired Impacts Solution 1: Solution 2: Solution 3:

Section E:
Describe the additional cost for implementing one of the Solutions (choose one of 3 from Section D):

Section F:
Describe the possible/expected Environmental/Societal Cost if the selected solution of Section E is NOT implemented:

Section G:
Concisely conclude the lab report: