

# **Major Studio: Interface**

## **Project Proposal**

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mfaDT '13

# **Project Title:**

Conscience Dispenser

# **Project Abstract:**

Conscience Dispenser is a paper towel dispenser that lets you know how many trees you have consumed, using the paper towel contained inside of it.

# **Concept:**

The Conscience Dispenser consists of a regular paper towel dispenser, an Arduino and an LCD placed inside the window in the front of the paper towel dispenser.

Each time the user pushes the handle down to get a paper towel, a button is pressed, sending a signal to Arduino, which will increase the counter by a pre-calculated

increamant. In average, it takes 1 - 2 trees to produce a roll of paper towel. This is a rough estimate and the result depends greatly on the specification of the paper towel and size of the trees. But it is possible to come up with an estimate.

# Visuals:

