

ENGR100 Productions, Inc.

TO: Feng-Ju Hsieh, Instructor, Engr 100
FROM: M. Student
SUBJECT: Completion of Name Tag Assignment
DATE: October 31, 2001

This memo describes the design and completion of my Engr 100 name tag. It discusses the objectives and constraints, the ideas I had, and my final design.

Objectives

The problem stated two objectives. First, the name tag had to help the instructor and other class members quickly learn my name. Second, the device had to be durable for as long as necessary until the first objective is achieved. I had my own objectives too. I wanted the tag to be unique, make me look professional, work with the clothes that I wear, and not attract too much attention.

Constraints

There are probably many designs that would fulfill these objectives, but two constraints limited the number of feasible possibilities. First, only two days were available to complete the project. Second, I decided that I should not spend more than \$2 on materials. These constraints helped me to focus on ideas that were fast and affordable.

Ideas

My first idea was a hollowed-out pumpkin that I would carve my name into and wear on my head. Although it was feasible because it fit the constraints, I rejected this idea because it would attract too much attention, would not look professional, and the pumpkin might get moldy before everyone learned my name. My next idea was to wear a tie with my name on it. Ties look professional, don't attract too much attention, and are durable. However, I can't wear ties with the T-shirts that I normally wear. Then I considered a standard name tag with a clasp and a safety pin. But it was not unique. Finally, I thought of gluing a CDROM disc to a standard name tag and painting my name on it. This idea seemed to satisfy all of my objectives.

Description of the Final Design

My name tag is made from a discarded America Online CDROM disc that is attached to a standard name tag with super glue. The shiny side faces out and has the name "Mike" written in an arc along the upper half, in big capital

letters and black ink. On the back, there is both a pin and a clasp for attachment to clothing.

Summary

The final design was quick to make and cost nothing. It is durable and attaches to any type of clothing. I think it looks unique yet sufficiently professional. The shininess attracts enough attention to help people notice my name, but not too much attention. I'm glad I chose it because it turned out to look really cool, and it portrays my interest in high tech things.