Gonzales III, Domingo
CIS 170C Course Project Week 1 Assignment

My Project Program will be:

Electrical Calculator: To the overview description, the program will create bids for jobs. The program will be able to solve Ohm's law for any variable. In addition, the program will be able to compute the cost of the materials and labor for a job. Either aluminum or copper wire may be used, and the user can enter the cost per feet of each gauge of wire of a particular type. Additional costs for labor based on length of wire can be entered. The program will produce a report showing total cost for labor and material. Job data will be able to be saved and retrieved from a file or files.

IPO Chart:

Input	Process	Output
- Known variables for Ohm's Law	- Calculate Ohm's Law for missing variable	- Solution to Ohm's Law
- Cost per feet of each gauge or wire of a particular type (copper or aluminum) - Cost of labor based on length of wire	- Calculate cost of materials and labor	- Report w/ total costs
- The above info can also come from files	- Organize entered information for storage in file	- File containing job data

Sample Screens: