

IPRO 338 Project Plan

The Effects of Green Technology on Electrical Contractors

Advisor: Dan Tomal

Sponsor: Electrical Contractors' Association of the City of Chicago

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Objectives:

The purpose of this IPRO is to develop a template for a website to host a user-friendly online database of green technologies information for the Electrical Contractors' Association of the City of Chicago. This website will involve providing data on green electrical products with cut sheets, pricing and distributor information, return on investment projections, and LEED certification facts. The use of this website should help create a well informed transition from industry standard electrical products, to green alternative products, as well as cut down on miscommunication between architects and electrical contractors.

Background:

The specifications for electrical products are commonly selected by the architects, clients, or general contractors, and typically done without the consultation of electrical contractors. This creates an information gap between the design and construction personnel, which in turn causes many construction redundancies. As of right now, data on green technologies are scattered throughout the internet, without a common source to organize the information in one easy-to-use database.

Methodology:

Several member of the IPRO are tasked with researching current green technologies that are available, as well as the distributors of these products.

Once the information is gathered, a large portion of the team will work on developing the website. It will be up to these members to ensure that the website is user-friendly, visually appealing, displays the desired information, and is smart phone accessible.

The remainder of the team will go on site visits to speak to electrical contractors in the field, in order to gain any addition information or user feedback that will assist in the articulation of the website.

Expected Results:

This IPRO will result in an online utility that assist Chicago's transition to becoming the greenest city in the country, as well as helping to reduce the communication divide between designers and the labor force.

Project Budget:

This IPRO will require presentation materials for IPRO day, which will be funded by the ECA. Aside from that, every attempt to use the resources of IIT labs will be made.

Task and Milestones:

<insert crap here!>

Individual Team Member Assignments:

Name	Major/Minor	Skills	Strengths	Experience and Academic Interests	Team	Why they are on this team?	Assignments done so far
Saulog, Jeremy	Aerospace and Mechanical Engineer	Proficient with AutoCAD and MS Office	Fast learner and hard working	Aerospace, Mechanical engineering and psychology	research (HVAC)	strong interest in HVAC systems	Brainstormed project ideas, researched into HVAC and helped work on Project Plan
Sin, In Seok	Biology	Ms Office	Highly interested in green technology and hard working	Environment Science	Ethics	Ethics makes team bond together and distinguish the strong and week point	Making ethics for IPRO 338 and helped to make a concept of approaching user friendly access website

Designation of Roles:

Minute Taker: This member is in charge of recording decisions made during meetings including task assignments or changes under consideration.
 Althoff, Sarah

Agenda Maker: This member is responsible for creating an agenda for each team meeting. This provides structure to the meetings and offers a productive environment.
 Marrari, Giuseppe

Weekly Timesheet collector/Summarizer: This member is responsible for collecting weekly timesheets from each member of the team and updating everyone with a summary report
 Althoff, Sarah