

IPRO 338:

**Improving efficiency through
advance technology**

The logo for bimiiit is displayed within a black rectangular box. The text 'bimiiit' is written in a bold, lowercase, sans-serif font. The letters 'b', 'i', 'm', and the first 'i' are white, while the second 'i', the 't', and the final 'i' are red. The 't' has a unique design with a vertical stem and a horizontal top bar.

bimiiit

Sponsor's Goals

- Electrical Contractors Association represents more than 1,000 professional contractors
- Create a User guide for Building Information Modeling (BIM)
 - Benefits
 - Implementation



Organization of Team



Current Progress

- Interviewed electrical contractors
 - Electrical Contractors Association
 - Guarantee Electric
 - Yamasato Fujiwara Higa & Associates
 - Anbe Aruga and Ishizu Architects Inc.
- Toured McWilliams Electric Co. construction site (Technology Park IIT)
- Researched applications of BIM
- Contacted Autodesk sales representative

Future Tasks

- Contact authorized distributors of BIM
- Construct technical guide
- Research correlation between Building Information Modeling and LEED Certification
- Tour of construction firm
- Interview non-BIM users

Obstacles and Resolutions

- Getting interviews
 - Speak with Tim Taylor
- Clarifying the scope and goals of the team
 - Spoke with sponsor
 - Interviewed BIM users
 - Research

Ethics

- Will people lose jobs as a result of contractors switching programs?
- Is BIM an option for every contractor?



Questions?