

IPRO 342

Developing a Real Time Information System

Advisor: William Maurer

Problem

- Midwest Steel & Services, a growing company, needs assistance in expanding its business software and/or creating the means to provide better real-time information. Improved cost controls, purchasing capabilities and job tracking are among the specific issues the company faces. Mainly the way inventory and fiscal end of the year data handled in the company is all manually tracked, accessed, inputted and outputted. If this is automated it can save the company a lot of time and money.

Team

- Jarrod Godfrey, 4th year Computer Science
- Michael Lagioia, 4th year Information Technology and Management
- Michael Mikulka, 4th year Electrical and Computer Engineering
- George Murphy, 3rd year Computer Engineer
- Kyle Pritchard, 4th year Computer Science
- Donald Spears, 4th year Computer Science
- Ryan Strand, 4th year Computer Engineering

Goals

Determined by sponsor

- Merge existing databases
 - Put MSAccess on top/in JobBoss ERP Software
 - Convert data to SQL
- Write Interface Visual Basic .net platform
 - Reporting inventory, costs, etcetera
 - Live Inventory View
 - Estimation Capability*
 - Job Data adjusting*

*Possible Modules for future IPROS / if our team has time

Challenges/Obstacles

- Contacting the company
- Getting response/setting up to meet with company
- Team members schedules extremely busy
- Getting the team on the same page
- Waiting for company to send important data critical to start project

Next Steps

- Sorting through documents and databases sent by company.
- Convert access db to sql
- Develop interface for program
- Code program

Questions?

