IPRO 342

2nd Semester
Developing a Real Time Information System
Advisor: William Maurer
• Purchases and converts plate steel commodities into mold and die bases specialties for the plastic and steel industries.

• Market Niche
  • Fast Turn Around Time - Ability to deliver finished product within 6-7 days.
Challenges/Obstacles

• Multiple Software Platforms

• Real Time Access to Information

• Report Writing
Challenges/Obstacles Cont’d

• Obtaining the previous semester’s framework
• Getting the team on the same page
• Knowledge of Visual Studio and ASP.net
• Due to Midwest Steel’s merger with another company, key consultants within the company are not available.
Solution

• Business Team
  – Derrick Davis
    2nd Yr Information Technology & Management
  – Cordell Jackson
    4th Engineering Mgmt.
  – Pete Mathes
    4th Yr Psychology
  – Jonathan Roraff
    3rd Yr Applied Mathematics

• Development Team
  – Prashanathan Surendran
    4th Yr Electrical Engineer w/ CS
  – Matt Kasa
    4th Yr Electrical Engineer
  – Atinder pal Sohal
    4th Yr Electrical Engineer
  – Jing Kai Tan
    4th Yr Electrical Engineer
Solution Cont’d

- **Business Team Objectives**
  - Analyze inventory reports
  - Develop system user interface
- **Development Team Objectives**
  - Implement the process flow into a web application
  - ‘provide monthly inventory and usage reports.’

*Paul Santos | Controller
Midwest Steel & Services, Inc*
Learning, Testing, and Implementing

- Consultation with industry professionals, our development team will implement the previous semester’s framework using Visual Studio with ASP.net and MS-SQL

- Web application
  - Inventory Functions – view, add, delete, update
  - Reports – usage
  - Estimation Capability*
  - Job Data adjusting*

* Possible Modules for future IPROs