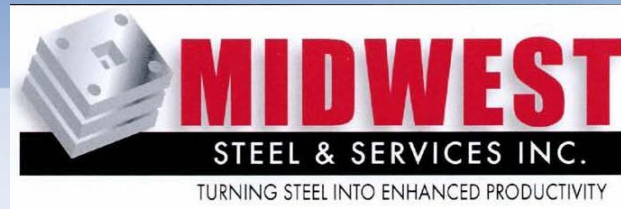


IPRO 342

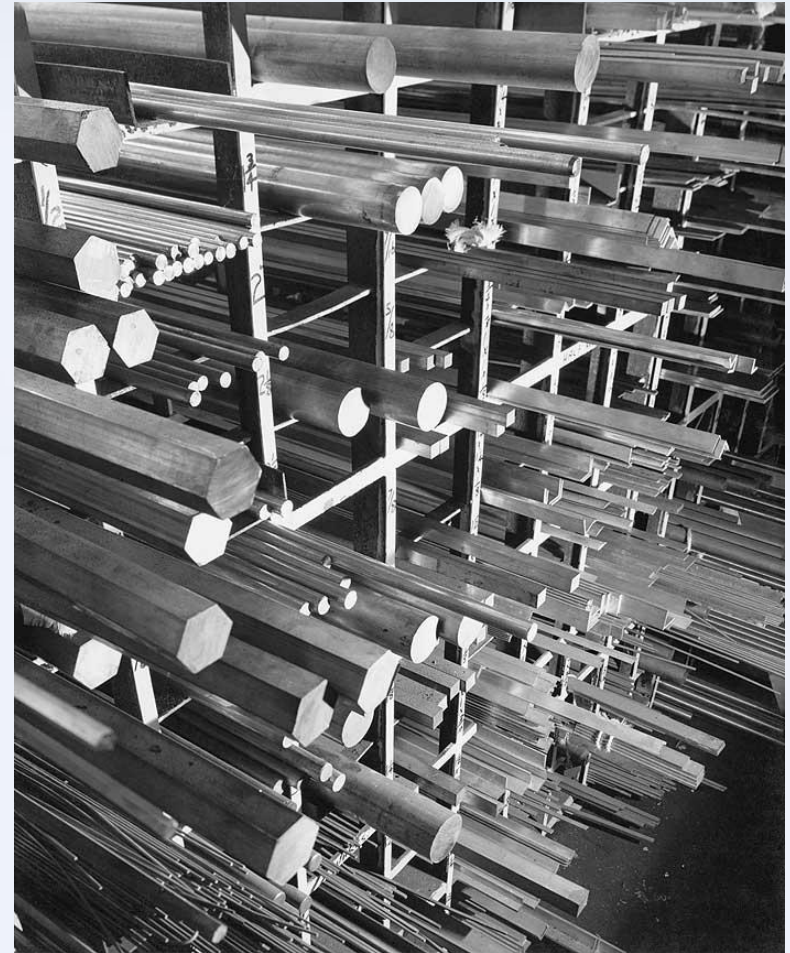
2nd Semester

Developing a Real Time Information System

Advisor: William Maurer

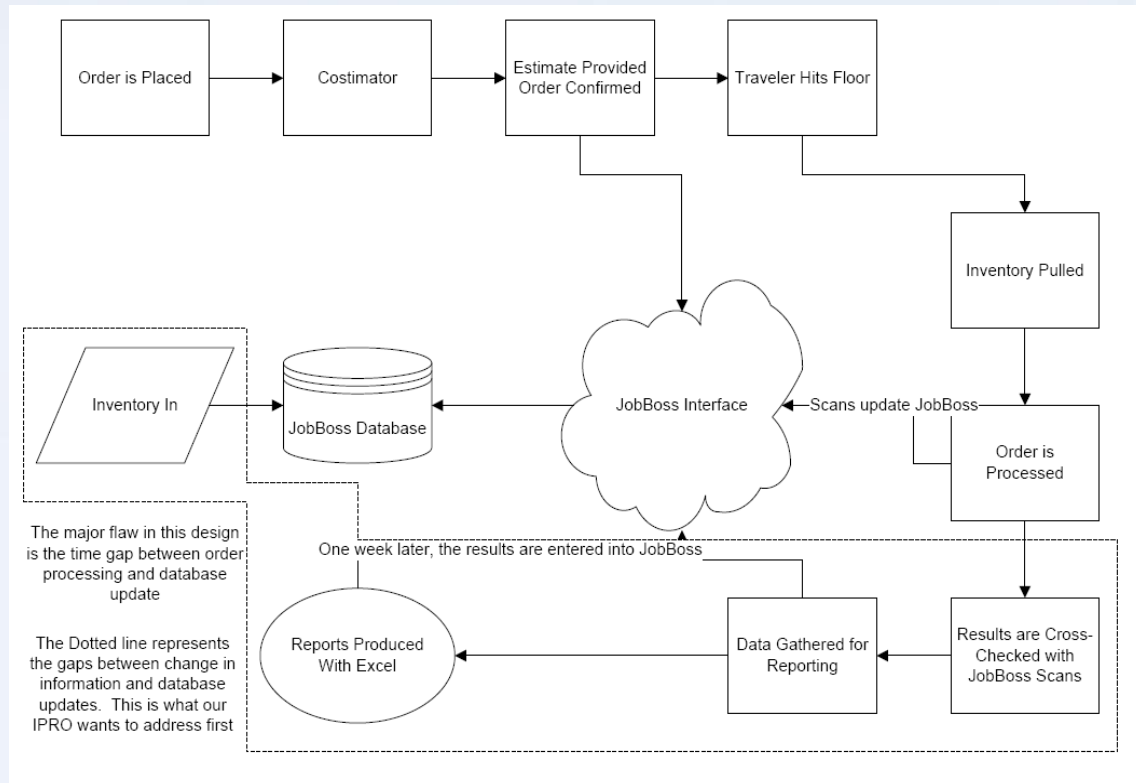


- Purchases and converts plate steel commodities into mold and die bases specialties for the plastic and steel industries.
- Market Niche
 - Fast Turn Around Time - Ability to deliver finished product within 6-7 days.



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

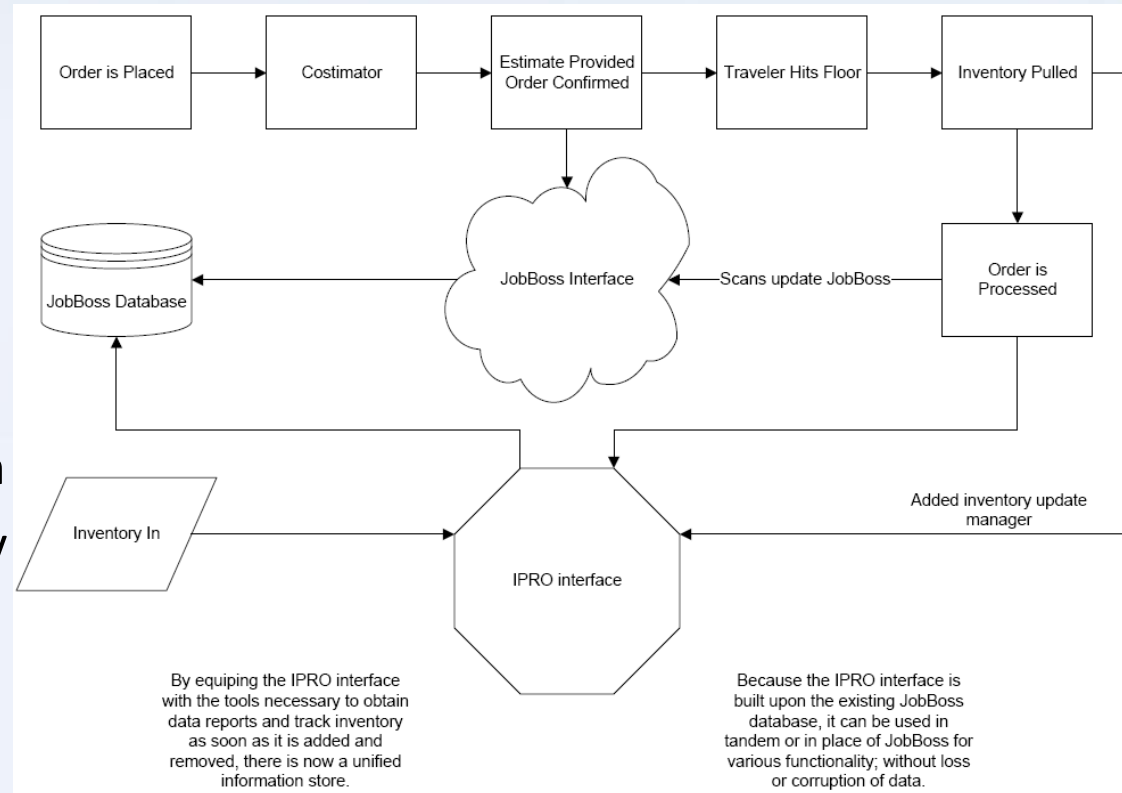
- Development Team

- Prashanthan 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

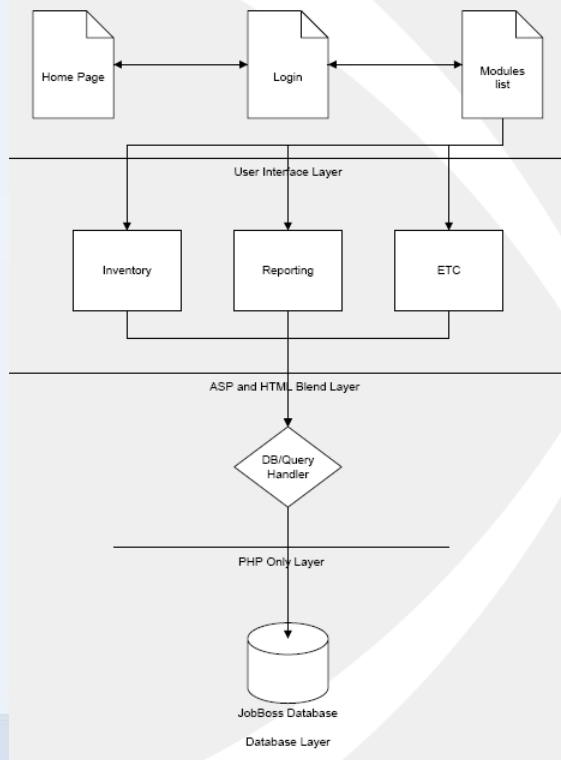
- Business Team Objectives
 - Analyze inventory reports
 - Develop system user interface
- Development Team Objectives
 - Implement the process flow into a web application
 - ‘provide monthly inventory and usage reports.’

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*

Midwest Steel & Services Intranet

MIDWEST
STEEL & SERVICES INC.
TURNING STEEL INTO ENHANCED PRODUCTIVITY

Announcements here

Home Inventory Reports

Welcome [Logout](#) Last refresh: 12/4

Type	Description	Rollup_Account	Last_Updated
Asset	CASH IN BANK		1999-08-02 10:51:44.000
Asset	ACCOUNTS RECEIVABLE		1999-08-02 10:52:44.000
Asset	ALLOWANCE FOR BAD DEBTS		1999-08-02 10:53:09.000
Asset	INVENTORY - OUTSIDE MATERIAL		1999-08-02 10:53:39.000
Asset	PREPAID EXPENSES		1999-09-25 06:48:39.000
Asset	SECURITY DEPOSIT		1999-09-25 06:48:23.000

* Possible Modules for future IPROs

