

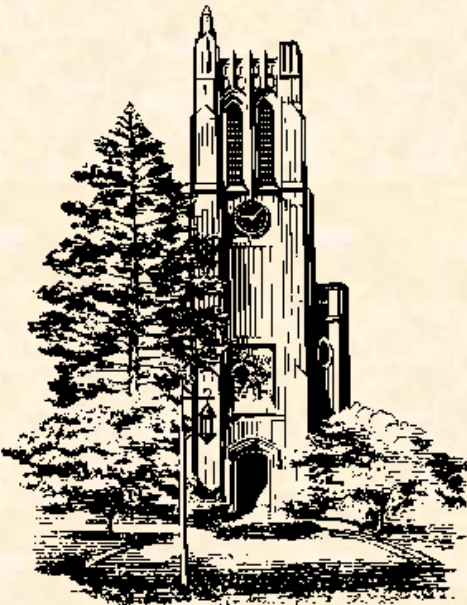
Beta Demonstration Manufacturing Dashboard Migration

Team Chrysler
CSE 498, Collaborative Design

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Jacob Jang
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Alex Walworth

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Michigan State University

Spring 2010





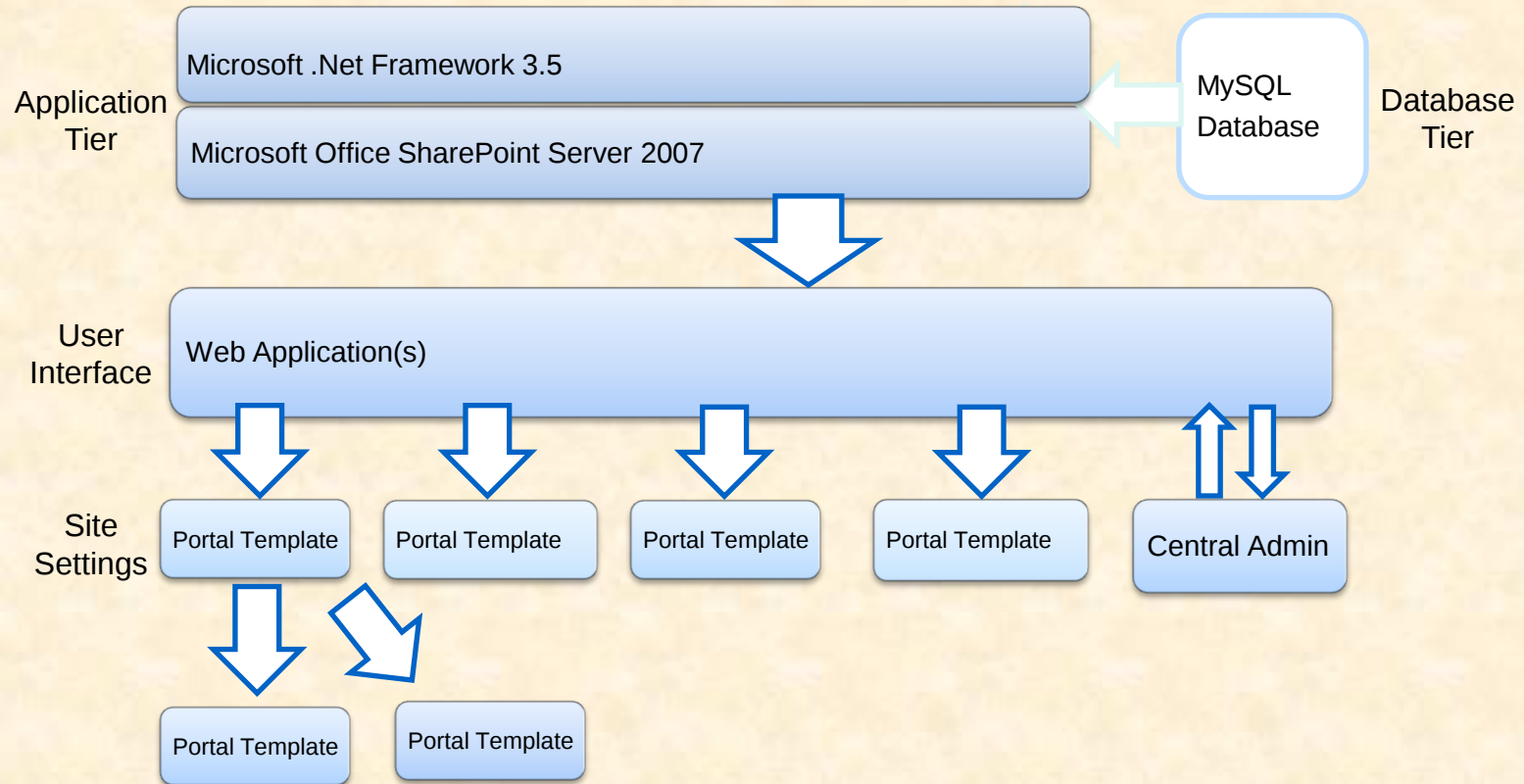
Project Overview



- [Manufacturing Dashboard](#)
- View Overall Plant Performance
- Easily Updatable and Maintainable
- Downtime Page
- Summary Page
- News Page
- Run to Run Page
- Unit Production Page

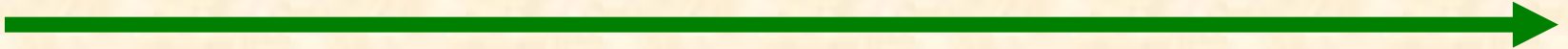


Architecture





News



 **WarrenNews**

Warren Dashboard **WarrenNews** Summary Downtime Reports RTR - Press Unit Production

Warren Dashboard > WarrenNews

Warren Stamping News

4/6/2010

New Shift Changes Coming soon

New shift changes will be implemented soon for all workers at the Warren Stamping plant.

A Blog is a site designed to help you share information. Blogs can be used as news sites, journals, diaries, team sites, and more. It is your place on the World Wide Web.

Blogs are typically displayed in reverse chronological order (newest entries first), and consist of frequent short postings. With this Blog, it is also possible for your site visitors to comment on your postings.

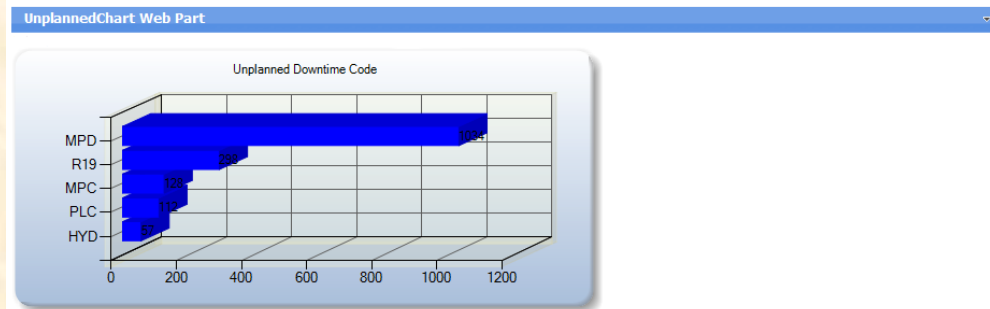
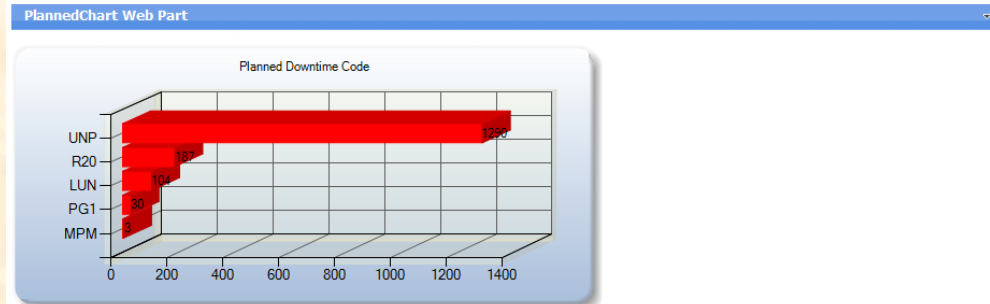
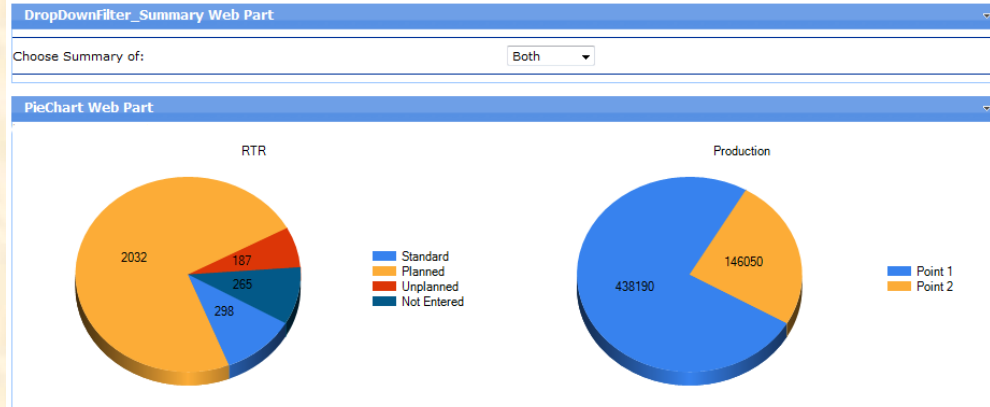
In business, Blogs can be used as a team communication tool. Keep team members in touch by providing a central place for links, relevant news, and even gossip.

Posted at 3:57 PM by CSE498T03S\walwor11 | [Permalink](#) | [Email this Post](#) | [Comments \(0\)](#)



Summary

Summary



Calendar_Summary Web Part

Start Date							End Date						
September 2009							April 2010						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5	28	29	30	31	1	2	3
6	7	8	9	10	11	12	4	5	6	7	8	9	10
13	14	15	16	17	18	19	11	12	13	14	15	16	17
20	21	22	23	24	25	26	18	19	20	21	22	23	24
27	28	29	30	1	2	3	25	26	27	28	29	30	1
4	5	6	7	8	9	10	2	3	4	5	6	7	8



Downtime Reports

Choose Filters:

Business Group:

Shift:

Run to Run:

Choose the Date Range:

Start Date							End Date						
January 2010							April 2010						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	1	2	28	29	30	31	1	2	3
3	4	5	6	7	8	9	4	5	6	7	8	9	10
10	11	12	13	14	15	16	11	12	13	14	15	16	17
17	18	19	20	21	22	23	18	19	20	21	22	23	24
24	25	26	27	28	29	30	25	26	27	28	29	30	1
31	1	2	3	4	5	6	2	3	4	5	6	7	8



Downtime By Department				
	Department Code	Downtime	Unplanned	Planned
	9740	70200	21096	49104
	9760	6120	0	6120
	Total	76320	21096	55224



Downtime By Line Number				
	Line Number	Downtime	Unplanned	Planned
☐	01	39474	19036	20438
☐	05	10626	2060	8566
☐	15	7200	0	7200
☐	17	12900	0	12900
☐	XK500	6120	0	6120
	Total	76320	21096	55224



Downtime By ...		
Select Downtime By:		
Category		
Downtime Category	Minutes	
BREAK	1350	▶
Misc. UnPlanned	12096	▶
PLANNED RTR	1934	▶
TEST TMS	9000	▶
UnScheduled	51940	▶
Total	76320	

Breakdown by Part Number		
Part #	Pay Point	Downtime Duration
55372374AA	070	1934
Total		1934

Run to Run Press

S

Choose Shift:

Shift:

Choose the Date Range:

Start Date

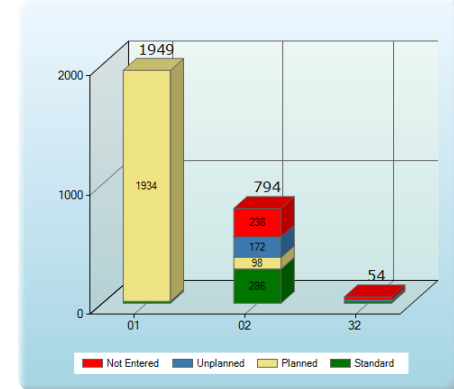
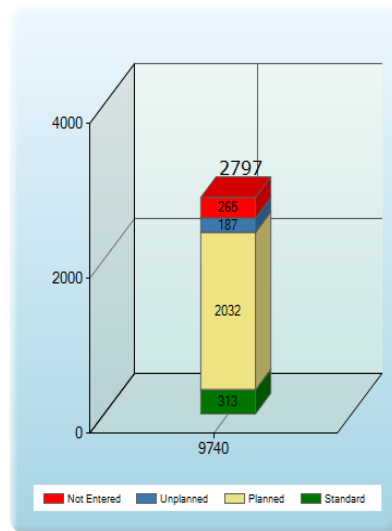
< July 2009 >

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1
2	3	4	5	6	7	8

End Date

< April 2010 >

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8



Downtime by Part Number

Select	Part Number	Standard	Planned	Unplanned	Not Entered
Select	00476351AF	0	0	10	10
Select	02536935AC	109	0	90	114
Select	55372124AA	177	98	72	114

Downtime by Downtime Code

All	Downtime Code	Total	Minimum	Maximum	Average
Select	AIR	37	13	24	18.5000
Select	MEC	45	45	45	45.0000
Select	MPD	3	3	3	3.0000

Downtime Instances

Start Time	Stop Time	Minutes
10/1/2009 12:45:00 PM	10/1/2009 12:58:00 PM	13

Team Chrysler

Unit Production

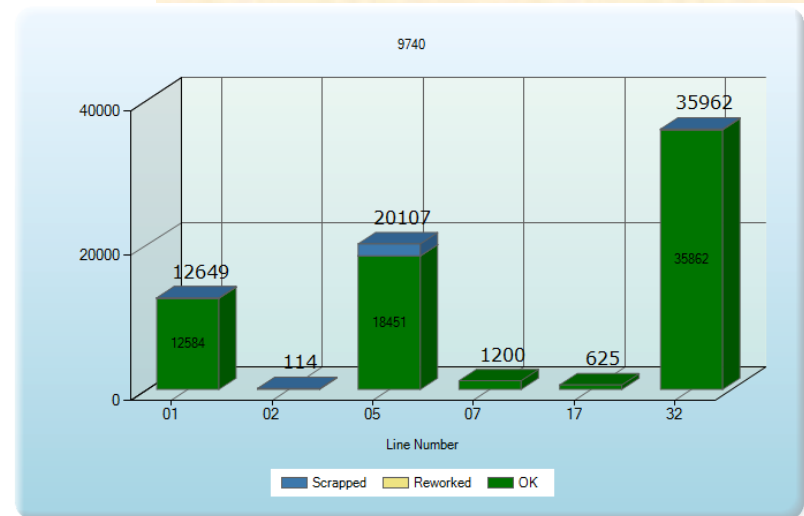
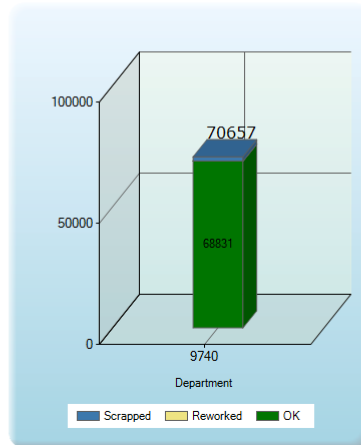


Choose Shift:

Shift:

Choose the Date Range:

Start Date							End Date						
November 2009							April 2010						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26	27	28	29	30	31	28	29	30	31	1	2	3
1	2	3	4	5	6	7	4	5	6	7	8	9	10
8	9	10	11	12	13	14	11	12	13	14	15	16	17
15	16	17	18	19	20	21	18	19	20	21	22	23	24
22	23	24	25	26	27	28	25	26	27	28	29	30	1
29	30	1	2	3	4	5	2	3	4	5	6	7	8



Units Produced by Part Number					
Part Number	Scrapped	Reworked	OK	Total	FTC
55360844AD	100	0	17881	17981	1.0056
55360845AD	0	0	17981	17981	1.0000