IPRO 306

IMPROVING GLOBAL SUPPLY MANAGEMENT

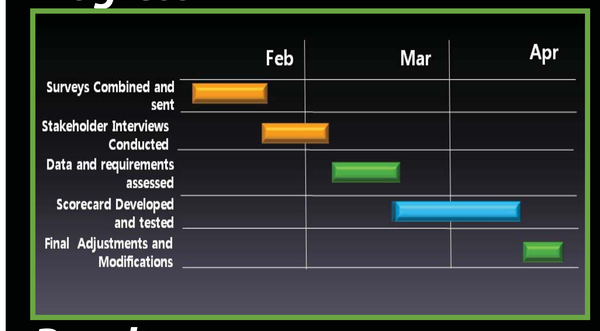
Green Supply Chain: External Process

Project Goals

1. To finalize and implement Green Survey and Met rics from previous semester.
2. To create a system to reliably and efficiently rate Sloan's suppliers against a set criteria.
3. To reduce time lost due to inspection of parts received from supplier.
4. To create a system that allows suppliers to easily view their scores.

Green scale for determining a supplier's ***greenness***

Progress



Results

1.Combined existing Sloan survey with last semester's Green survey.

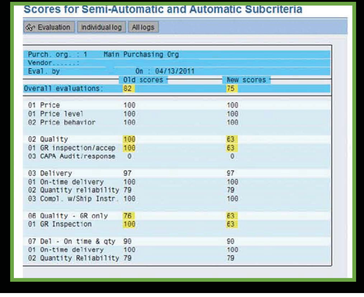
Initial set of suppliers resulted in expected scores

Created an automatic scorecard for suppliers

2. Scores can be done automatically or manually

Parameters can be changed for future fine tuning

Data used to source can be shown to suppliers for verification of score



SUPPLY CHAIN *TO* SLOAN → GREEN

PROCESS IMPROVEMENT

LEAN OEE → COST DECISION MATRIX

SUPPLY CHAIN *FROM* SLOAN

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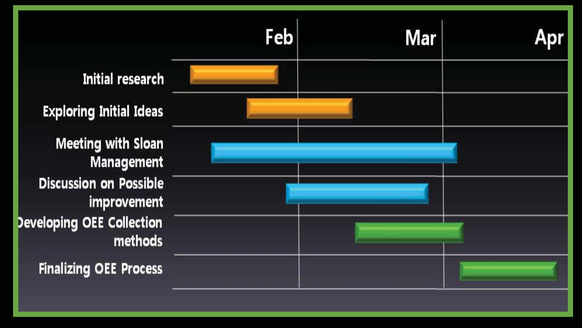
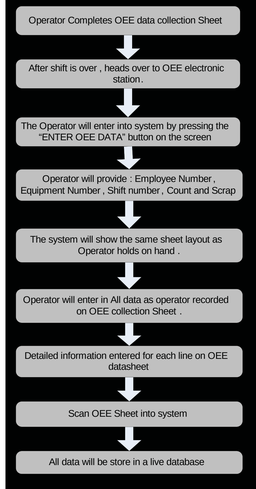
Lean Implementation: Overall Equipment Effectiveness

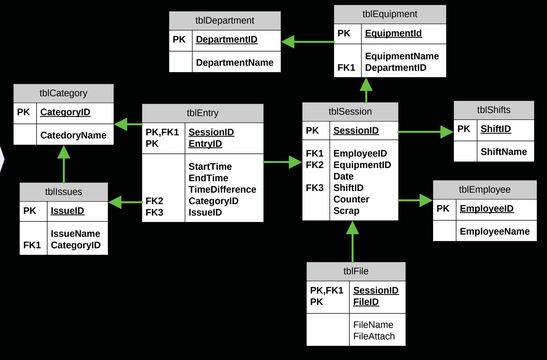
Project Goals

1. To develop a methodology and a system which would provide live data on OEE for all machines which are being used to enter data for.
2. Create a process for collection of OEE data that is both functional and operator friendly.
3. Create a potential system design and breakdown process on OEE processed data.

Progress







Results

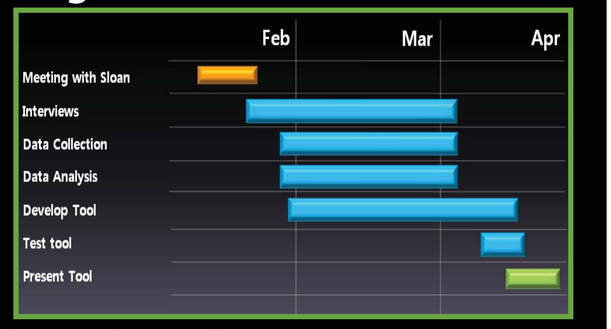
1. Researched OEE and currently used processes.
2. Developed a potential system which would provide live data to management.
3. Created a database schema for OEE.
4. Created a walkthrough process on how OEE data would be collected.

Cost Decision Matrix

Project Goals

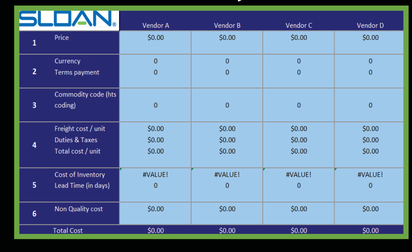
1. Standardize the entire sourcing process across all the plant. Standard work is the basis in a lean organization journey
2. Reduce the complexity
3. Reduce the time consumed and make it more efficient
4. Develop a user friendly and functional tool
5. Increase the organization's awareness on the total costs involved
6. Better understanding of various costs through cost segmentation.

Progress



Cost Matrix Input Tab

Cost Matrix Summary Tab



		Vendor A	Vendor B	Vendor C	Vendor D
1	Price	$0.00	$0.00	$0.00	$0.00
2	Currency Terms payment	0 0	0 0	0 0	0 0
3	Commodity code (hts coding)	0	0	0	0
4	Freight cost / unit Duties & Taxes Total cost / unit	$0.00 $0.00 $0.00	$0.00 $0.00 $0.00	$0.00 $0.00 $0.00	$0.00 $0.00 $0.00
5	Cost of Inventory Lead Time (in days)	#VALUE! 0	#VALUE! 0	#VALUE! 0	#VALUE! 0
6	Non Quality cost	$0.00	$0.00	$0.00	$0.00
	Total Cost	$0.00	$0.00	$0.00	$0.00

Results

1. The team developed a cost matrix tool to compare the different costs associated with different products of Sloan across the globe
2. Reports were created based on different regional costs associated with the same product
3. Total Projected Company Saving: 10%
4. Helped Sloan support global market by sourcing their products from different countries
5. Regionalized sourcing strategies