Pleasant Company
Assembly Material Management

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Overview

- Introduction
- Project Overview
- Project Status
- Remaining Work
Pleasant Company is a direct marketer, retailer, and children’s publisher, nationally known for the American Girl brand. Dedicated exclusively to girls ages 3 to 12, Pleasant Company creates high-quality books, dolls, toys, and clothing designed to enhance girls’ self-esteem and reinforce positive social and moral values.
Problem statement

- Raw goods shelves not conducive to easy resupply
- Raw goods shelves also need to be easy to use for operators
Our Goals

- Design a better system to present raw materials to workers on the assembly line.
- Focus on raw materials that are common to several product lines
- Utilize worker input to finalize design specifications
Tasks Performed

- Observed and Worked on the Assembly Line
- Observed How Others Were doing Similar Operations – Best Practices
- Decided which parts of the line we wanted to focus on and improve through an evaluation of the entire line, including evaluation across all models
Tasks Performed (cont.)

- Listed out the needs and wants, and drew drawings from these
- Detailed the drawings and made macro sketches of the line to show how the carts would fit in
- Showed the proposed drawings to management and the workers (separately)
- Modified drawings and showed to project engineer
Proposed Drawings

- Macro Sketch of the Line
- Bookshelf and Lid Cart
  - *Modified Existing Cart
  - *Flat Cart
  - Cart on Hinged Arm
- Stationary Cart
Remaining Work

- Detail drawings further
- Document how the carts will be utilized on the line, by all parties
- Cost Analysis
- Give final presentation to Pleasant Company
- Write report, and give to Pleasant Company
- Final Presentation in class
Any questions?