

I1.02 - HIDden Solutions

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Sponsors: Mark Thelen, Keith Capobianco

Problem Statement

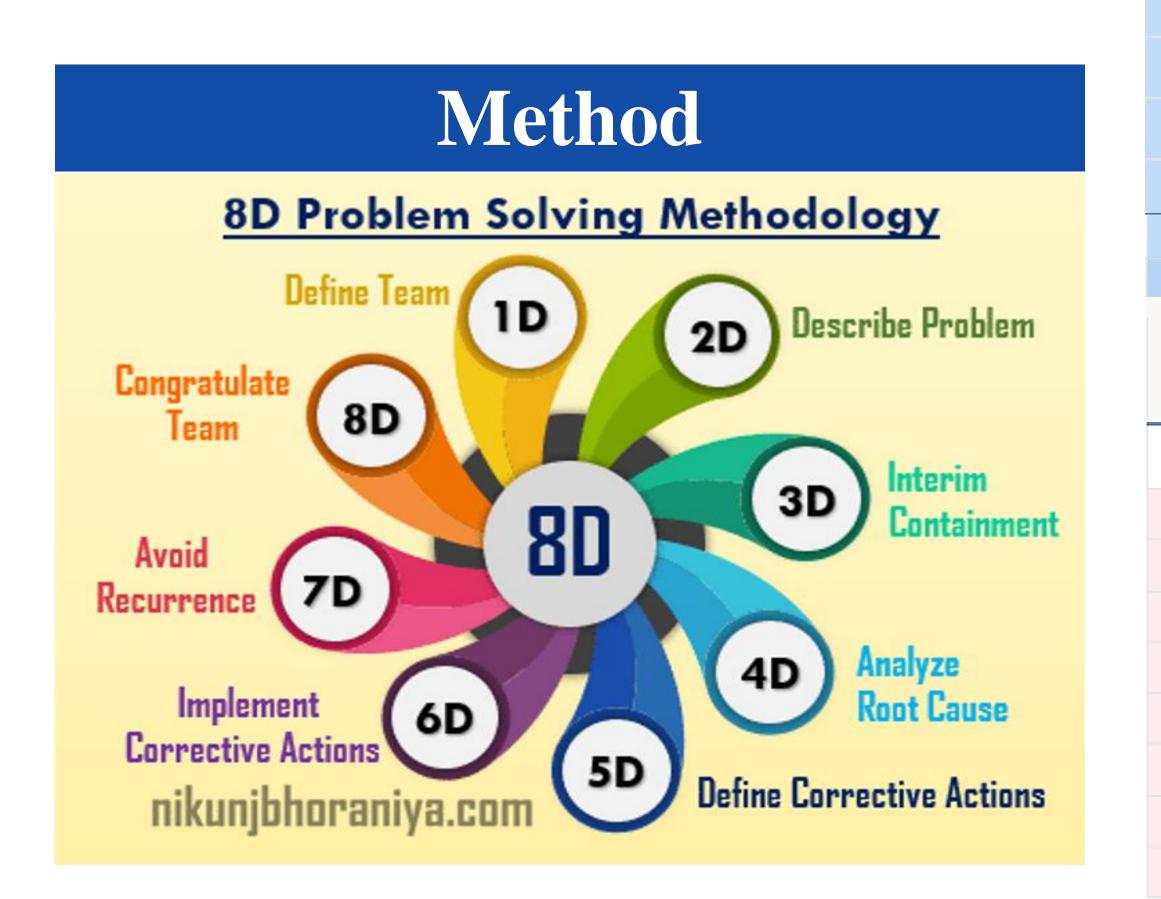
- Failures in Readers,Credentials, Shipping
- Inefficient operation, stress, scrap, wasted time, loss of income

Project Purpose

- Q Identify Failures
- Reduce Defects
- Increase Package Traceability
- Increase Profits

Deliverables

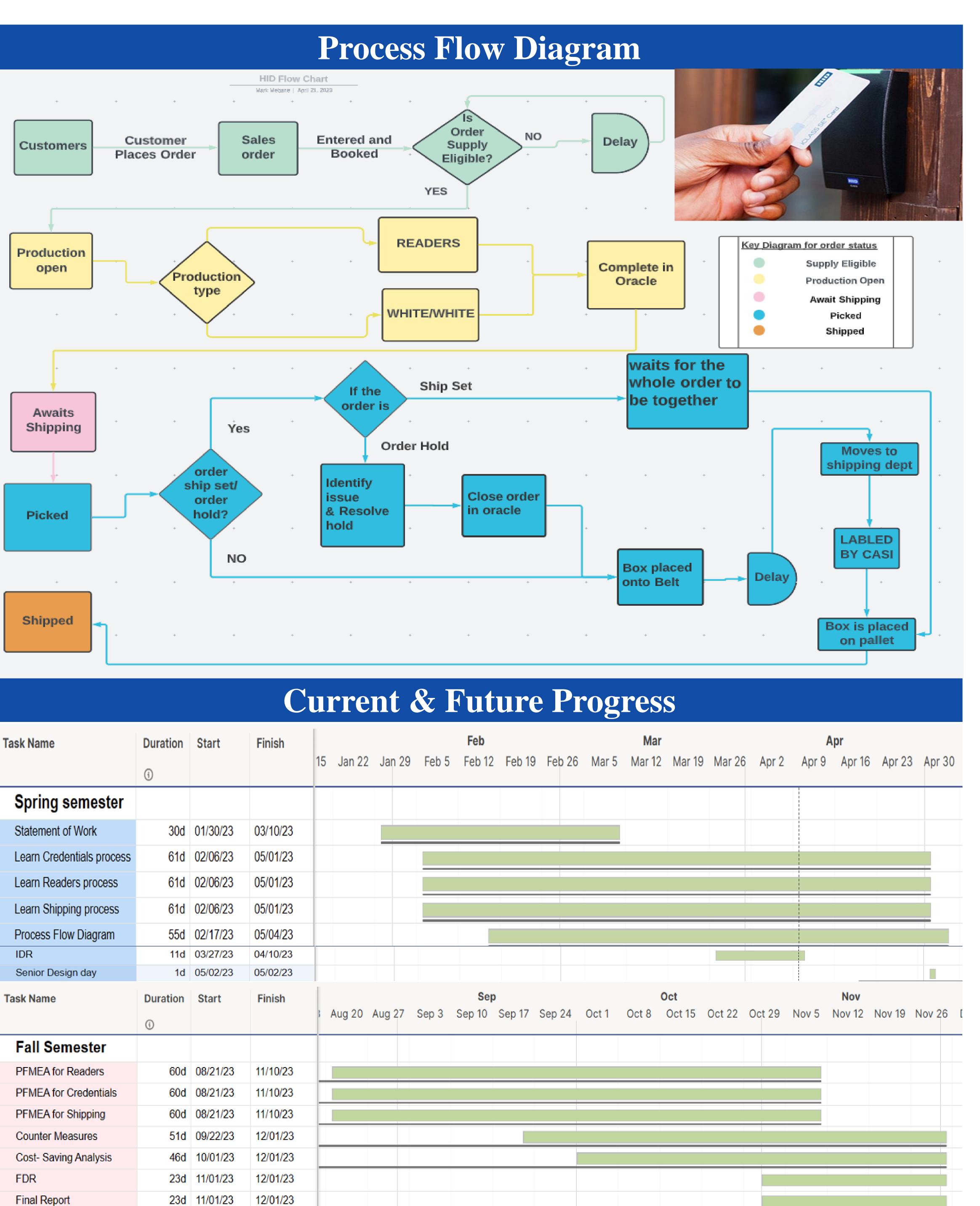
- ✓ Process Flow Diagram
- ✓ PFMEAs for Readers, Credentials, Shipping
- ✓ Cost-Savings Analysis



Senior Design

1d 12/01/23

12/01/23



Human Factors

- Physical/Mental Stress
- Identifying failures = First step to reduce stress
- PFMEA = prevent failures,
 Optimize process bottlenecks

Team

Left to Right:
Noah (Industrial Engineer), Adrian
(Industrial Engineer), Mark (Project
Manager)



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Capobianco

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