

# Agenda

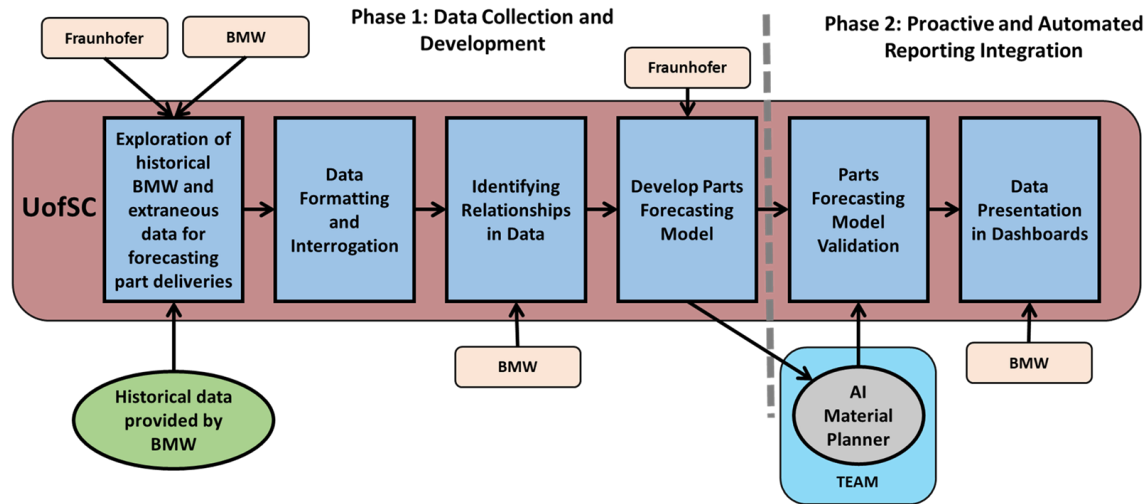
- 1. Announcements and Review of Action Items (5 min)**
- 2. UofSC Update (10 min)**
- 3. Fraunhofer Update (5 min)**
- 4. BMW Update / Questions / Next Steps(10 min)**
  - 1. Interviews**

# Review Action Items

Topic	Responsible	Due Date	Comment
Create rulesets for Interviews	Fraunhofer	8/16/2021	
Prepare Questions for Interviews	All	08/18/2021	
Finalize Interview logistics	Leads	08/16/2021	
Send Entity Relationship Diagram Feedback	All		
Send Dashboard Feedback	All		

# UofSC Team - Status Update for 08/16/2021

## UofSC Roadmap



## Current Task: Data Exploration

- Understand headers (*in progress*)
- Get information on quality, ordering times, transportation, etc. (*in progress*)
- Identify poor areas/gaps in data
- Make timeline of orders
- Define states (early, tardy, too late)
- Calculate numbers for tangible and intangible criteria\*
- Create supplier ranking
- Integrate findings into deliverable document

**Deliverable:** key figures from historical data, rich/poor areas, supplier ranking

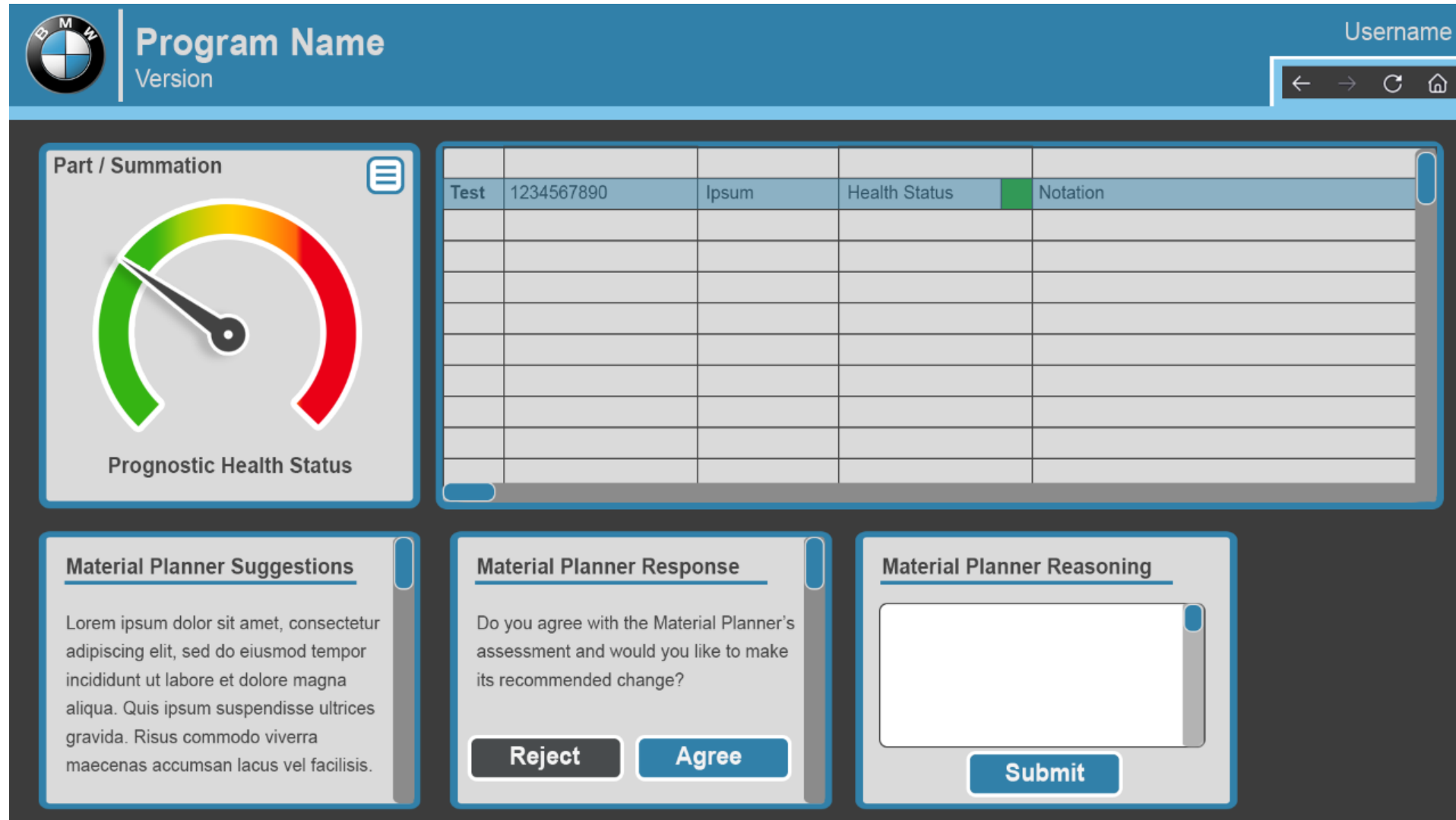
## Progress Made Last Week

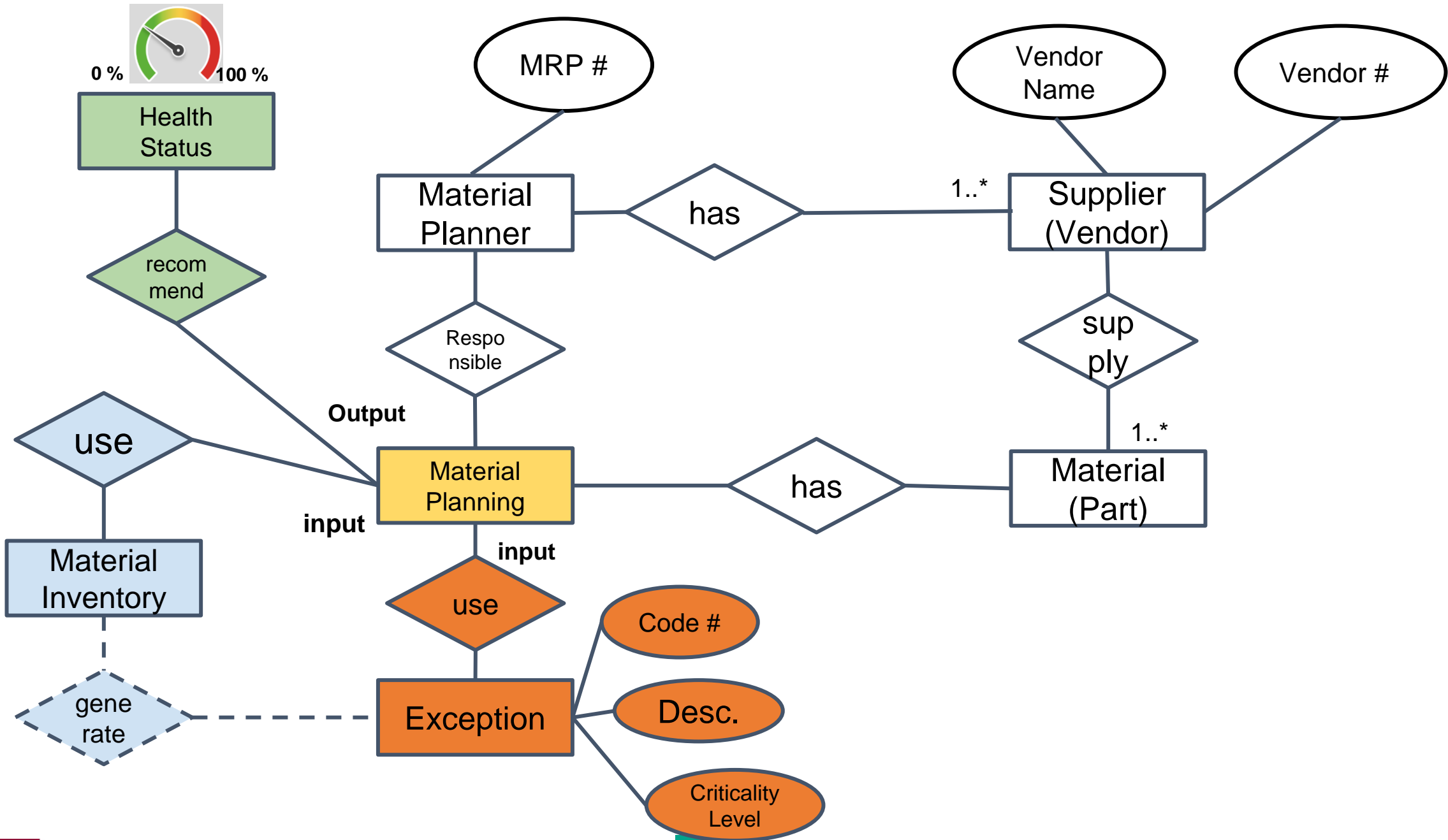
- Continuing to review the Zgrve and 130 reports and working to understand the header definitions
  - Understanding relationships between datasets
  - Revised relationship diagram
- Multiple meetings to prepare for Interviews
- Reviewing Documentation files
- Continued work on Dashboard Mockup
- Drafted an initial system design for feedback

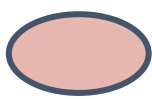
## Plans for this week

- Continuing to review the Zgrve and 130 reports and documentation
- Identify important fields for Material Planning
- Prepare for Interviews – identifying questions
- Create additional views/widgets for dashboard
- Prepare data dictionary to create database
- Improve relationship diagram

# Updated Dashboard



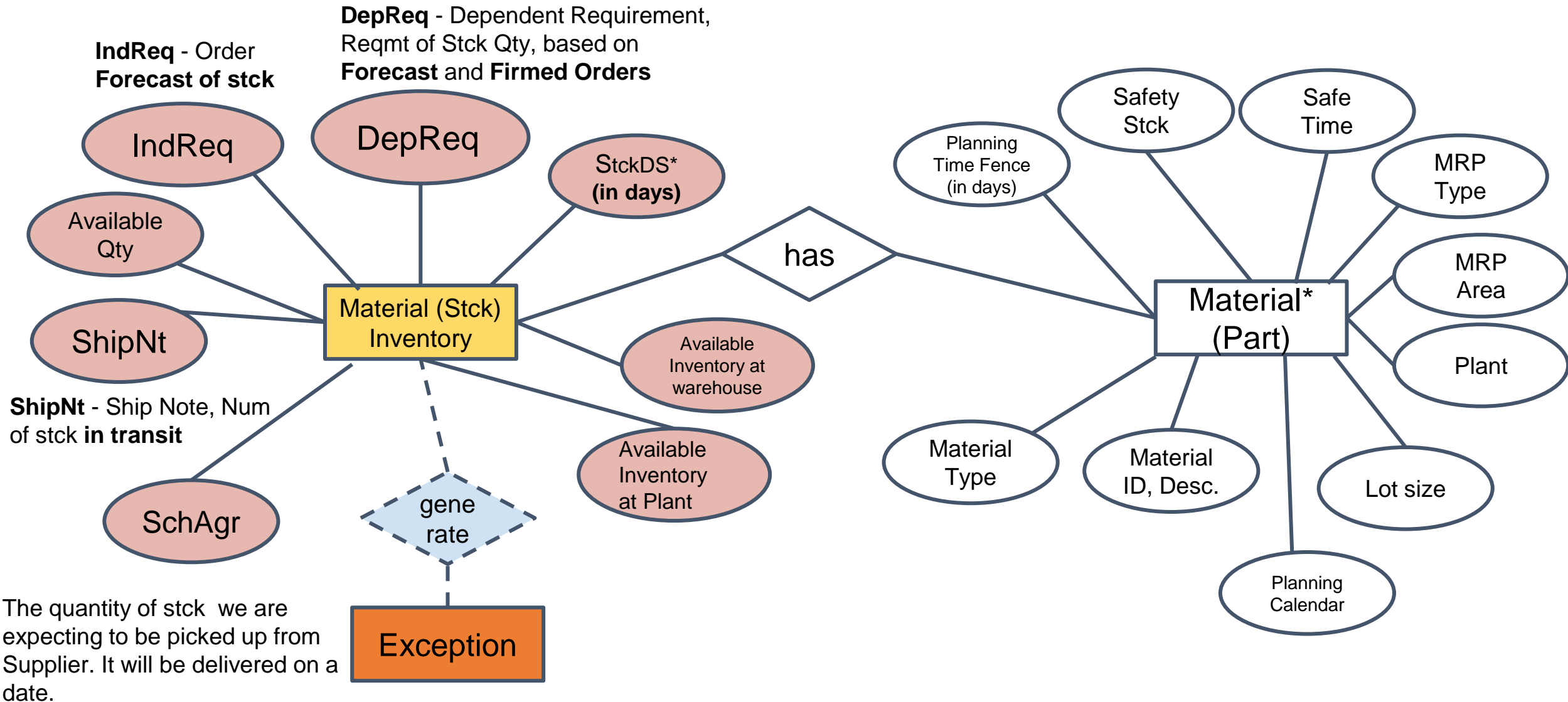




Attributes changes frequently  
(**Material Transactions**)



Attributes do not change frequently  
(**Material Config./ Material Master**)



# Examples: Exceptions msg from Inventory

- **ShipNt** - an exception message is generated when a shipment is not delivered on time.
- **SchAgr** - An exception message is generated when a schedule Qty is not high enough
- **AvailableQty** - an exception message is generated when a stock Qty is negative
- **SafetyStck** - an exception message is generated when a high value of safety stock causing the available qty in negative

# MPA Weekly Update 08/16 - Fraunhofer

## Summary of last week:

- Acquired a significant amount of knowledge during the two technical meetings last week, about the data structure and the material planner's work.

## Plans for this week:

- Document concepts/rules from last week's meetings
  - Document rule sets from the Training and Interview sessions that the Trainer and Interviewees can validate.
- Prepare/plan interviews

## Concerns/Comments:

- None



# Questions

1. Additionally, from delivery data, is there shipping data (date agreed on to ship, date shipped, damaged containers identified by transportation provider) available?
2. For the delivery data related to number of parts returned, is there information on the container that the defective parts came in? (This will help cross-reference from transportation provider data regarding containers identified as damaged)
3. Will BMW combine the reports needed to obtain the delivery data or will they just provide the reports and we'll have to combine them?