

Agenda

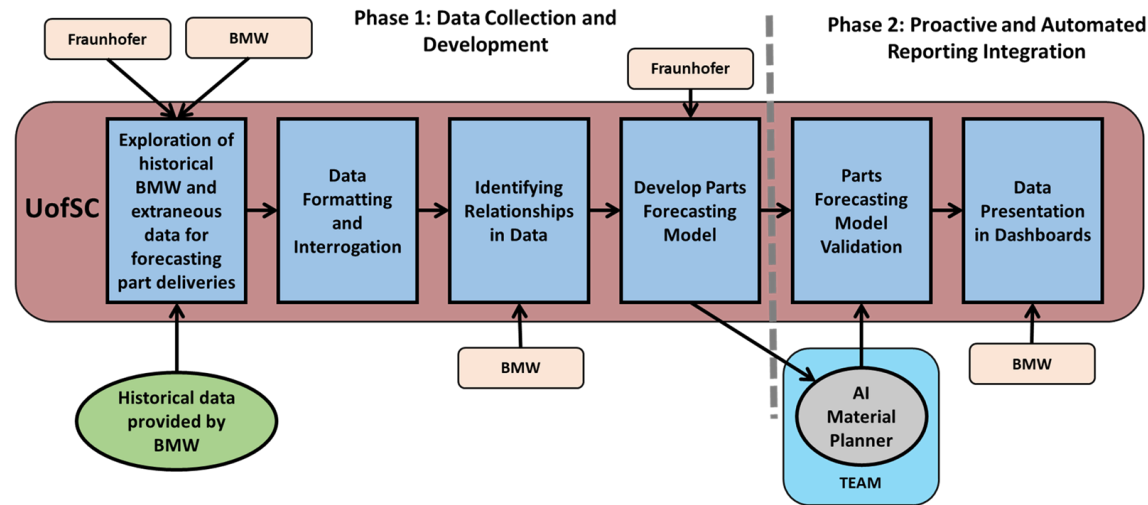
- 1. Announcements and Review of Action Items (5 min)**
- 2. McNair Update (5 min)**
- 3. Fraunhofer Update (5 min)**
- 4. AI Institute Update (5 min)**
- 5. BMW Update / Questions (10 min)**

Review Action Items

Topic	Responsible	Due Date	Comment
Identify potential people to be interviewed / shadowed and identify times and how these will take place (in person or screen share)	Joshua	7/30/2021	Completed
Map Tasks to timeline	Rhea	08/06/2021	
Prepare Questions for Shawn ahead of Meeting	All	08/02/2021	
Prepare Questions for Interviews	All	08/06/2021	
Finalize Interview logistics	Leads	08/06/2021	

McNair Team - Status Update for 08/02/2021

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
 - Identifying relationships in the data
- Brainstorming questions for Interviews
- Reviewing Documentation files
- Brainstorming capabilities for Dashboards and Visualizations

Plans for this week

- Continuing to review the Zgrve and 130 reports and documentation files to get a better understanding of the process
- Produce a list of questions for Interviews
- Provide feedback and recommendations for tasks related to dashboards and visualizations

MPA Weekly Update 08/02 - Fraunhofer

Summary of last week:

- Made first draft of system architecture and started to discuss it
- Made first set of data available for team members to get familiar with the data

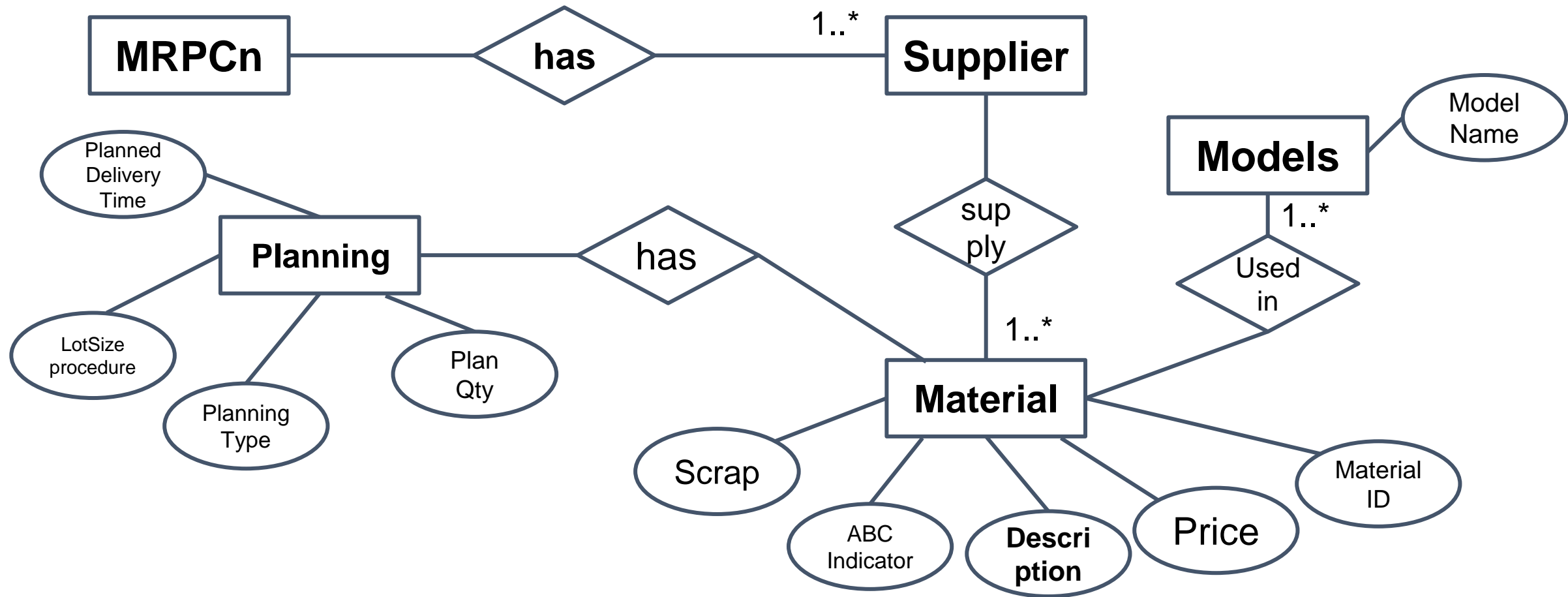
Plans for this week:

- Learning the material planning context
 - Data – content, data processes, relations
 - Processes of material planning
- Preparations for the interviews
 - Define how interviews will be conducted
 - Questions to ask
 - How to record information obtained

Concerns/Comments:

- No concerns yet, it was a great start, we should keep it this way

Relationship Diagram



Questions

1. Are the 130_Reports and Zgrve reports connected/compliments of each other? How do these two work together?
2. Are suppliers responsible for on-time delivery of order or just for shipping it on time? If the transportation carrier is responsible for timely delivery, are they also responsible for quality? Do they inspect parts when they are received or only at the BMW plant? Is there data for all of this (date agreed on to ship, date shipped, parts returned by carrier, etc.)?
3. Is the “net price” in the 130_Reoprts the same as the “unit price?” If not, can we get info on unit price (or \$ value of each order and quantity of the parts ordered)
4. Can we get a few visualizations from the SAP reports? (Will help with dashboard brainstorming)
5. Can we get a “Terms, Definitions and Abbreviations” section to define or explain the acronyms and abbreviations in the documentation / user manual files?
6. Is there available data related to delivery (date order, date agreed on to be received, date received), quality (number of parts that were retuned- must match to date/order # in Zgrve report)