Working Title:
RFID item paths vs. Business Processes

Background:
Business processes are designed from a process participant's view. The abundance of sensor data, e.g., RFID reads, allows us to gain insight into running processes in real time. However, there is a mismatch between business processes and item data.

Research Problem:
Establish a mapping between raw data and processes. The work can be theoretical (what is the optimal mapping? How can we find it?), or practical (what is a useful heuristic for the problem?).

Requirements:
• Interest in real world monitoring of objects in a business setting
• Some background in stochastic models

Initial Reading:

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