

SIMULATION MODELING AND ANALYSIS

FOR IN-STORE MERCHANDIZING OF RETAIL STORES WITH ENHANCED INFORMATION TECHNOLOGY

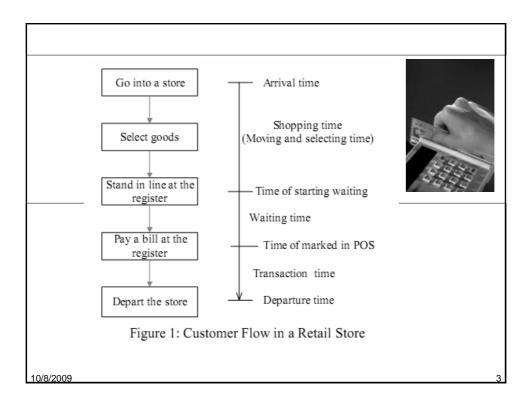
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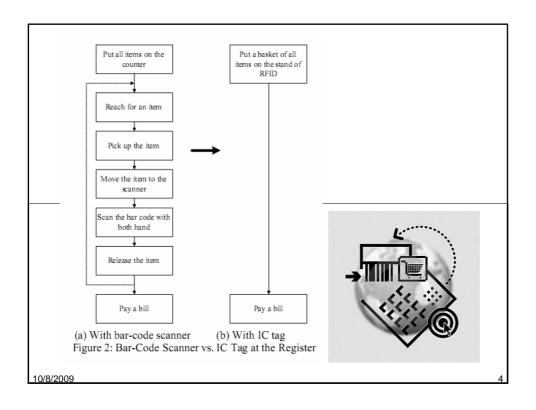
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SIMULATION STUDY FOR IN-STORE MERCHANDIZING



- POS Data in the Retail Store
- Some Difficulties in using POS Data for Simulation
- POS with IC Tags



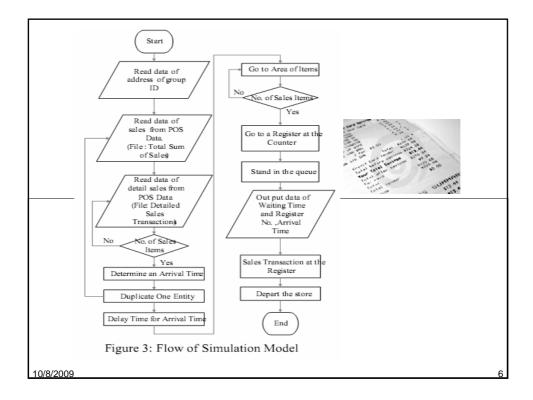


SIMULATION MODEL FOR IN-STORE MERCHANDIZING

Description of the Simulation Models

- 1. Time Control: this subsystem was designed to create entities or customers.
- 2. Category Allocation: this subsystem was de- signed to read the location of gondola display. This logic read file of "Category_Area". File was written the allocation of the area by Item group ID of 990 categories. If allocation of the category in the area was changed, we changed the contents in the file.
- 3. Customer Flow: this subsystem was designed to read a series of POS data and to move customers inside the retail store.
- Performance Measures

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APPLICATION

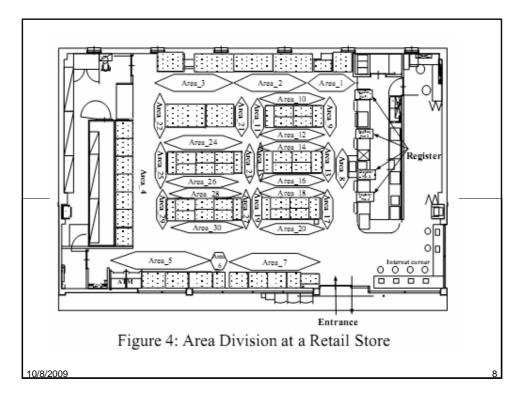


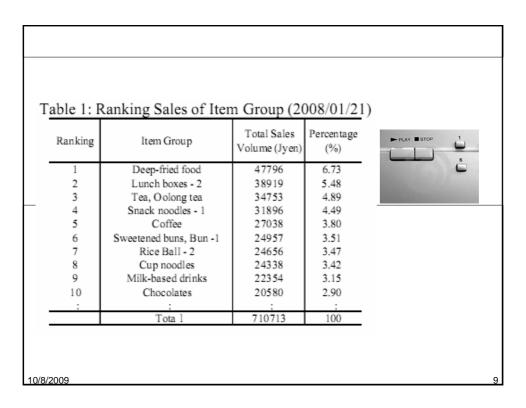
- Description of a Retail Store
- Parameters of Simulation Models
- Performance Measures for Congestion Degree
- Animation Model
- Scenarios
- Selected simulation analysis

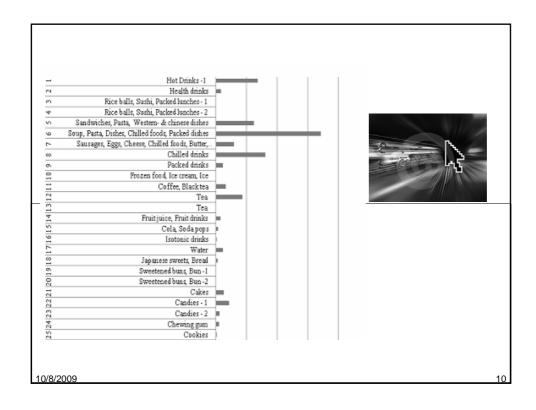
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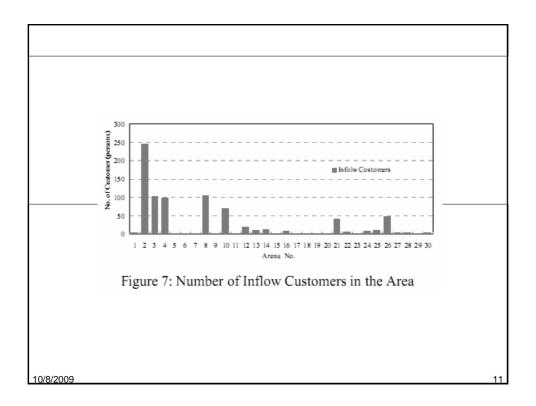
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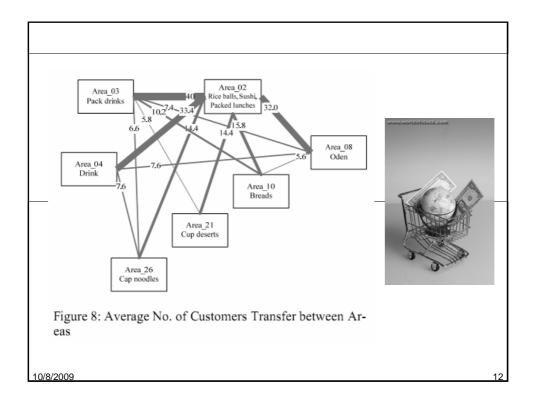
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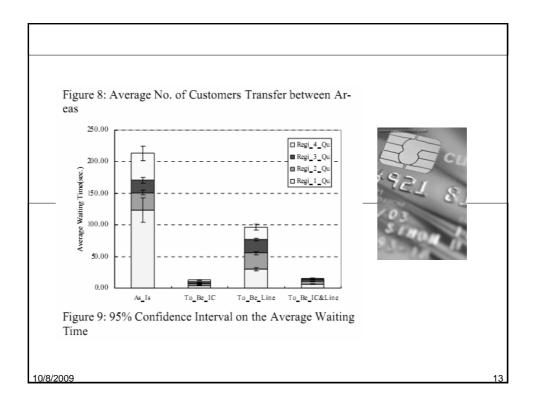


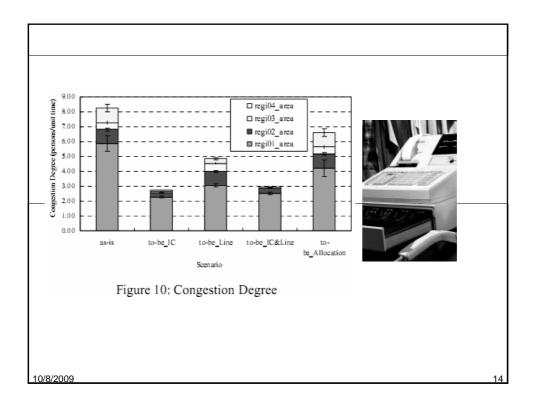












BA 500 Retail Information System

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จาก Journal เรื่อง

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