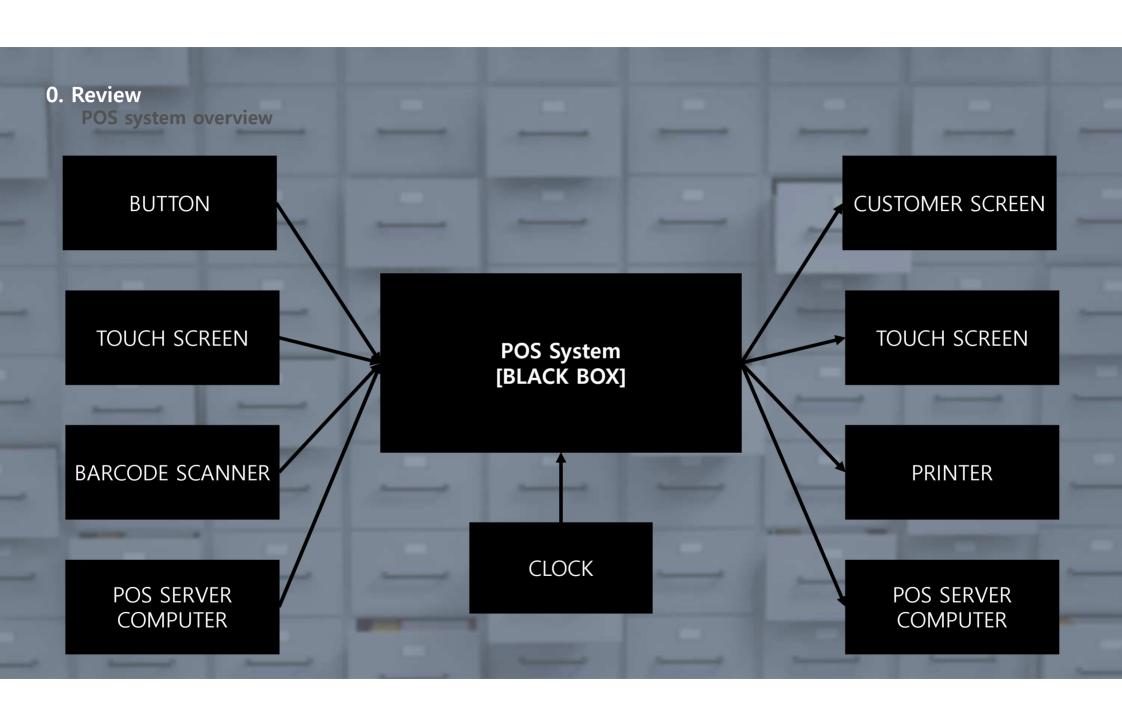
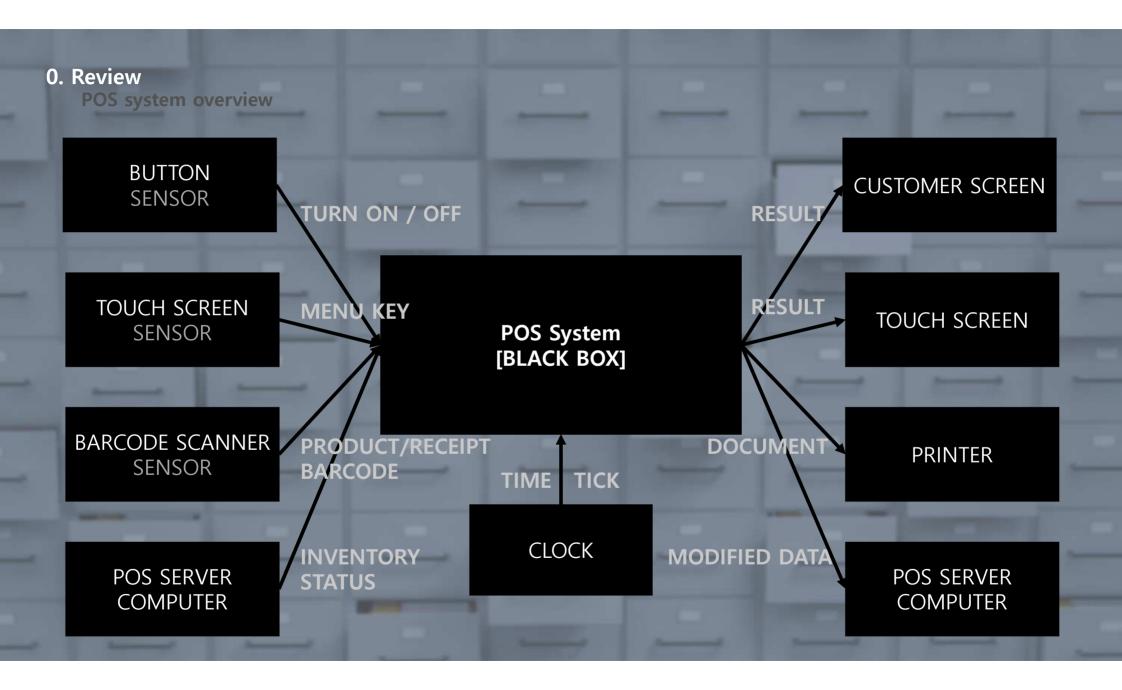


1	Structured Analysis - m Data Flow Diagram State Transition Diagra		
1	Structured Analysis - m Data Flow Diagram State Transition Diagra	nodified	
	State Transition Diagra		
2	Structured Design		
	Transform Analysis		
	Structured Charts [Adv		
3	QnA		





[Correction Summary] **POS system INTERFACE** INTERFACE POS CONTROL [INPUT] [OUTPUT] [CONTROL INNER data base system display screen print document DATA STORAGE] power control coordinate on screen barcode value

1. Structured Analysis - modified Data Flow Diagram level 0 **Button Sensor Touch Screen Touch Screen** Customer Sensor Screen **Pos Control Barcode Printer** Scanner Sensor **Digital Clock Pos Server Pos Server**

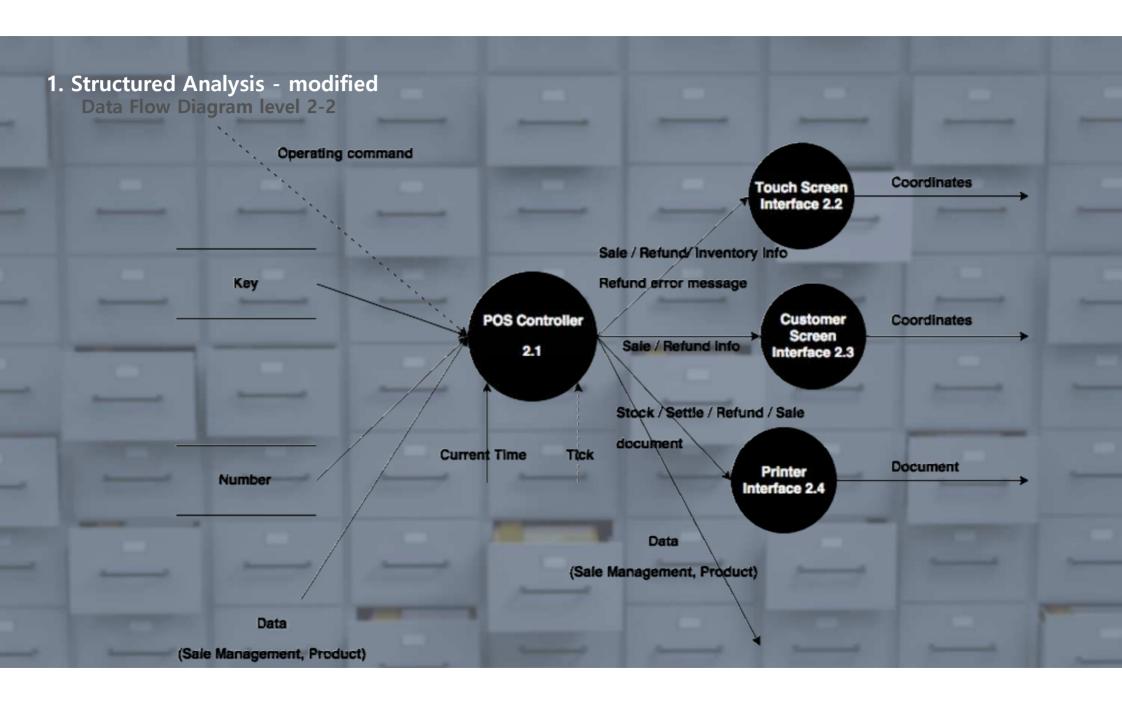
1. Structured Analysis - modified **Data Flow Diagram level 0 Button Sensor Touch Screen** Sale / Refund / Inventory info **Button Sensor Input** Refund error mess **Touch Screen** Customer Sensor Screen Touch Screen Sensor Input Pos Control0 tock / Settle / Refund / Sale Barcode Scanner Sensor Input document Barcode Current 1 Tick Time Printer Scanner Sensor **Digital Clock** Data Data (Sale Managementt, Product) (Sale Managementt, Product)

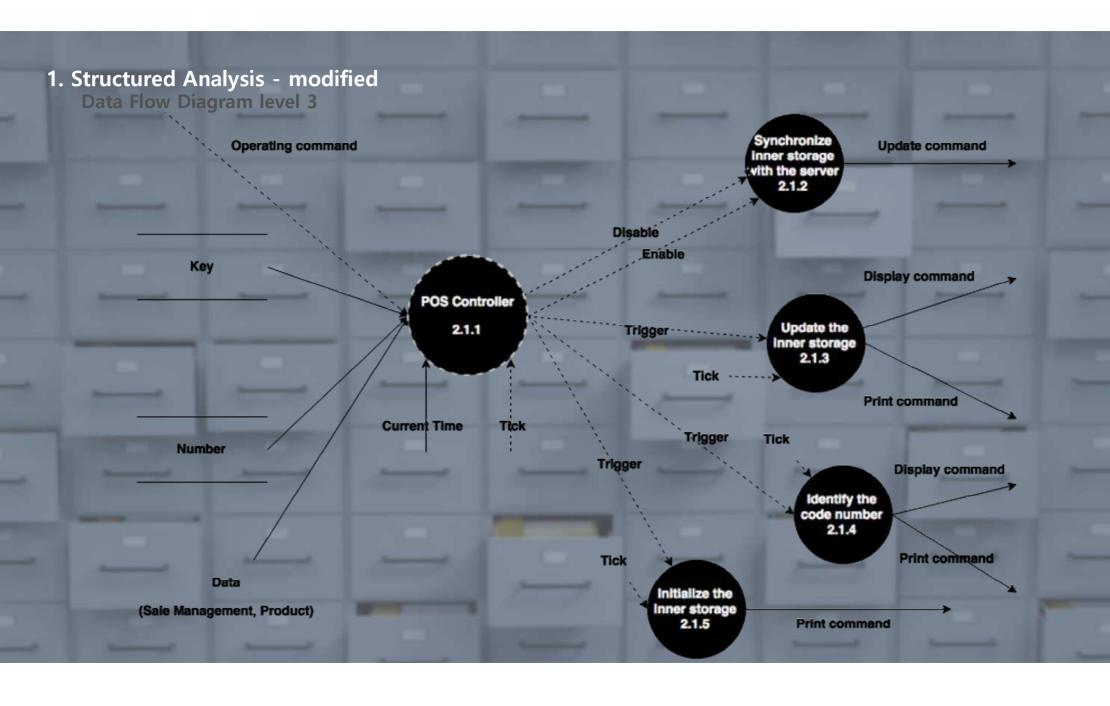
Pos Server

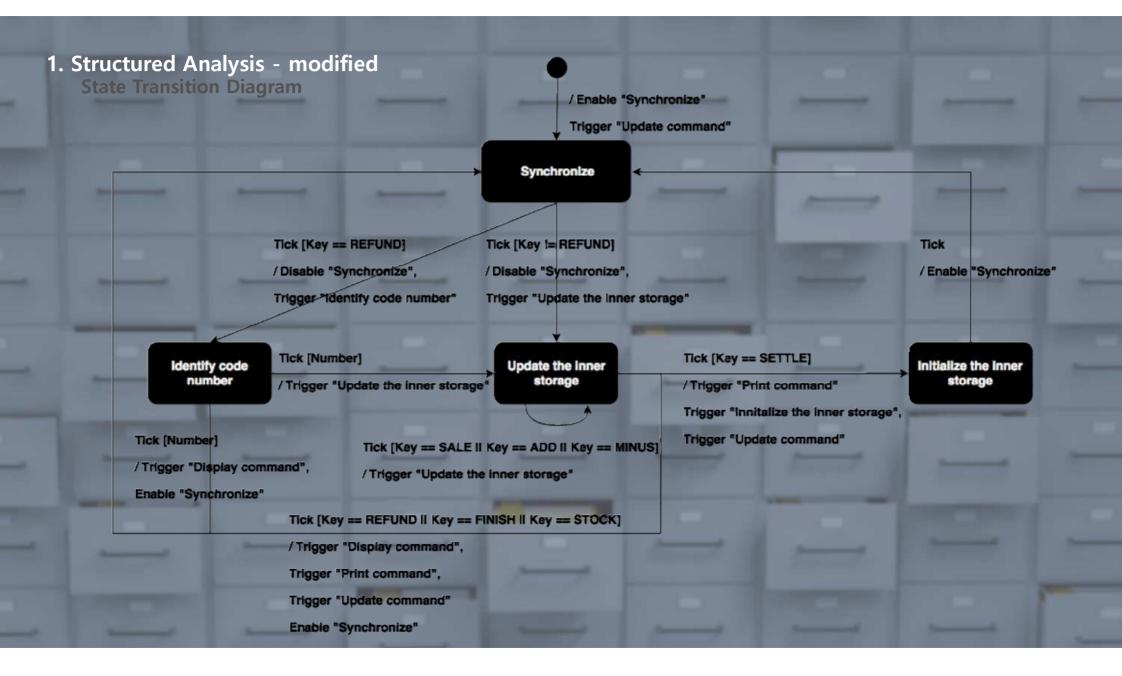
Pos Server

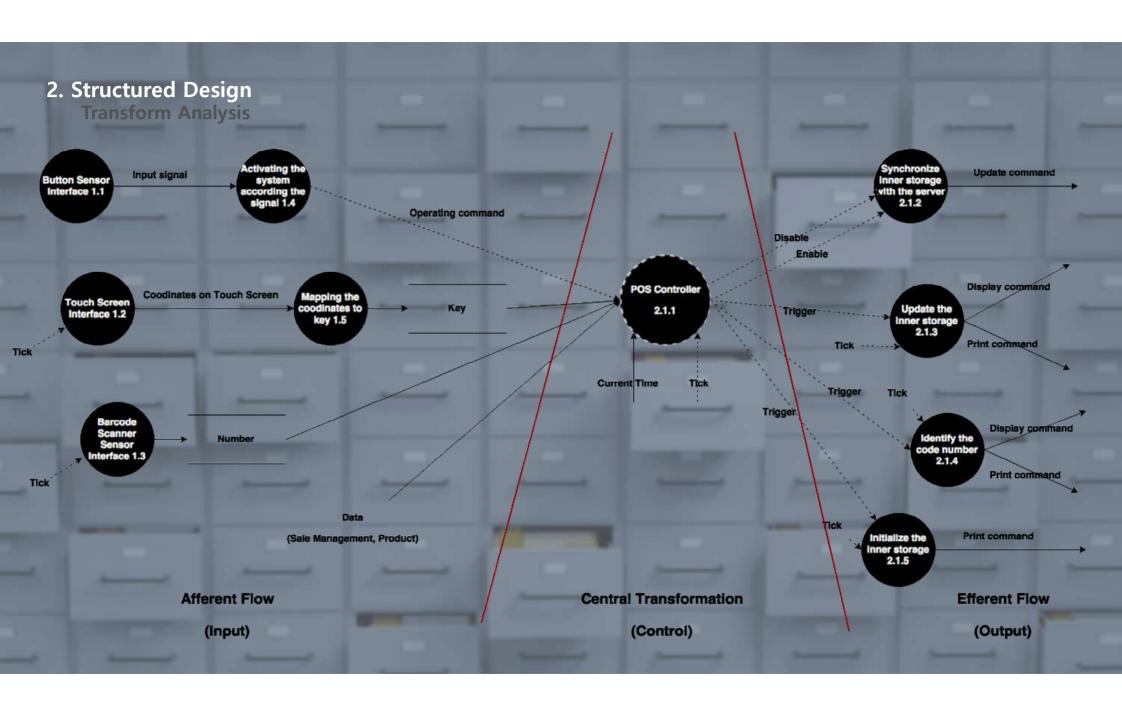


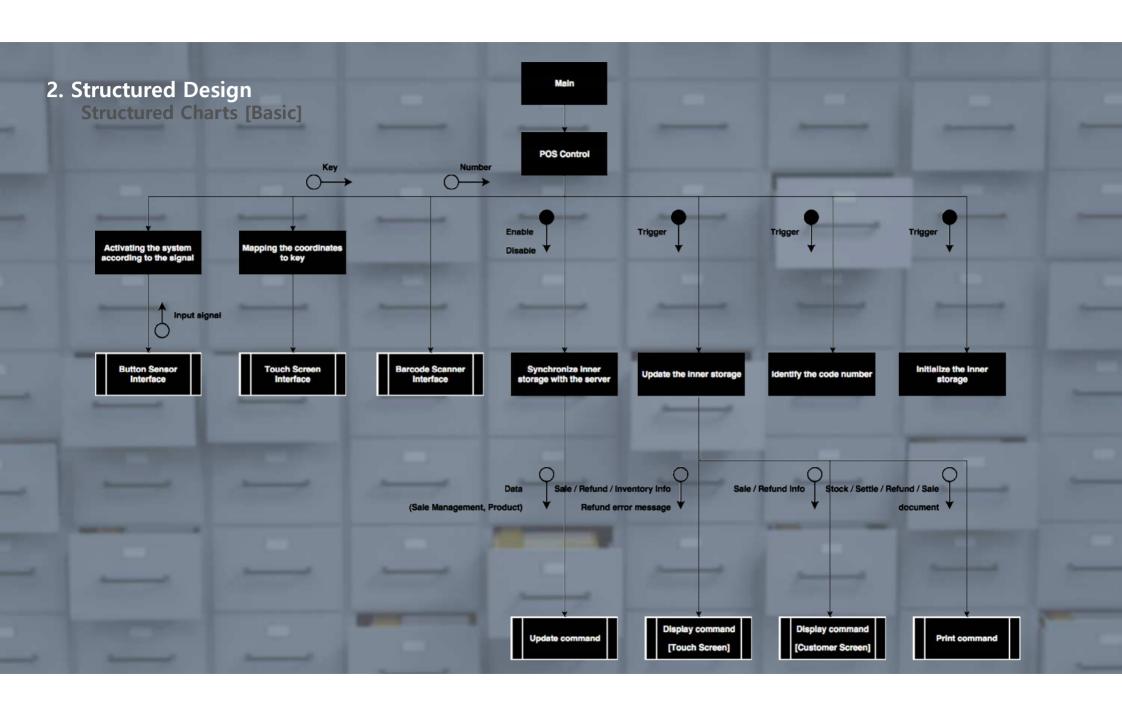


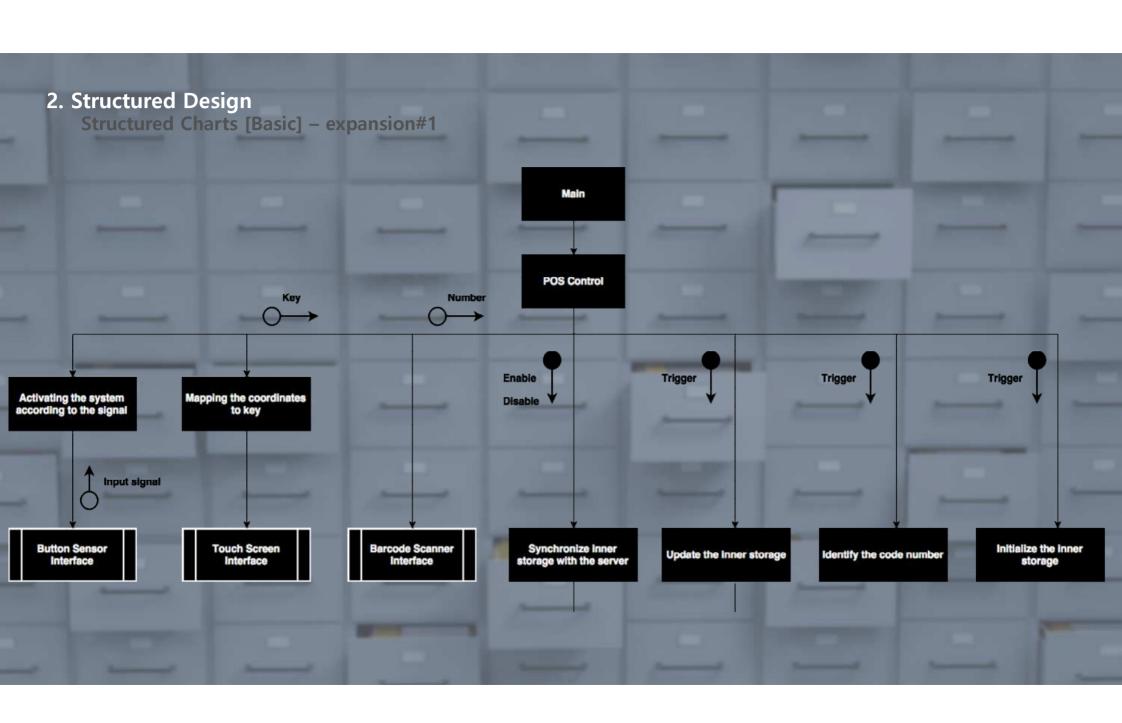








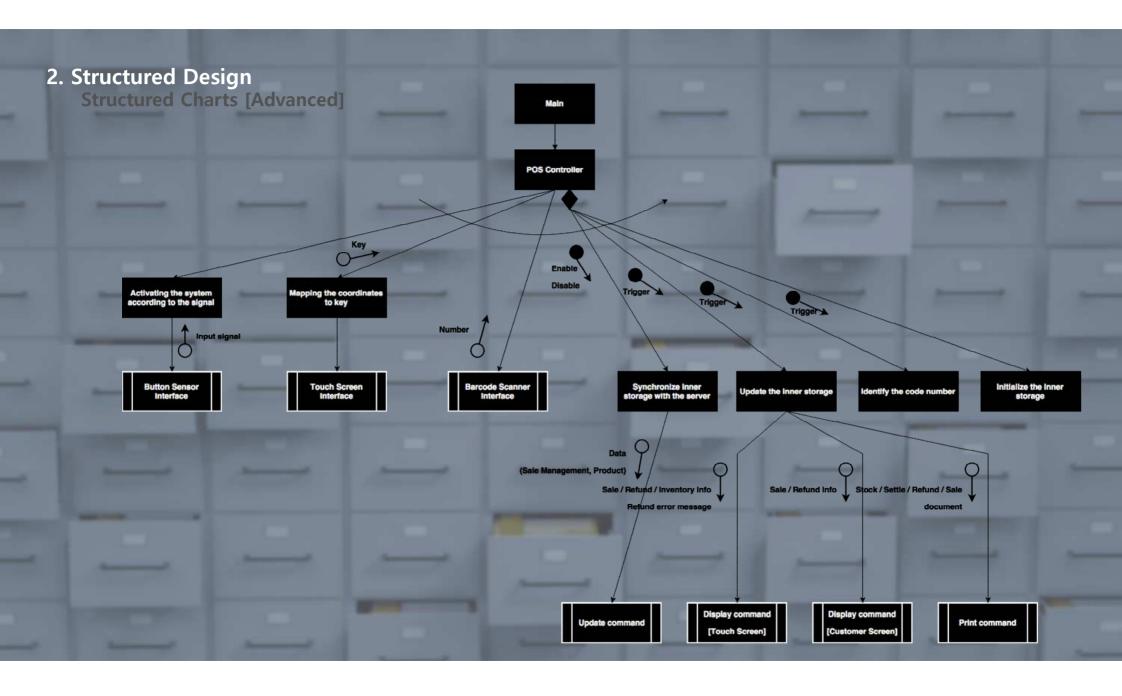


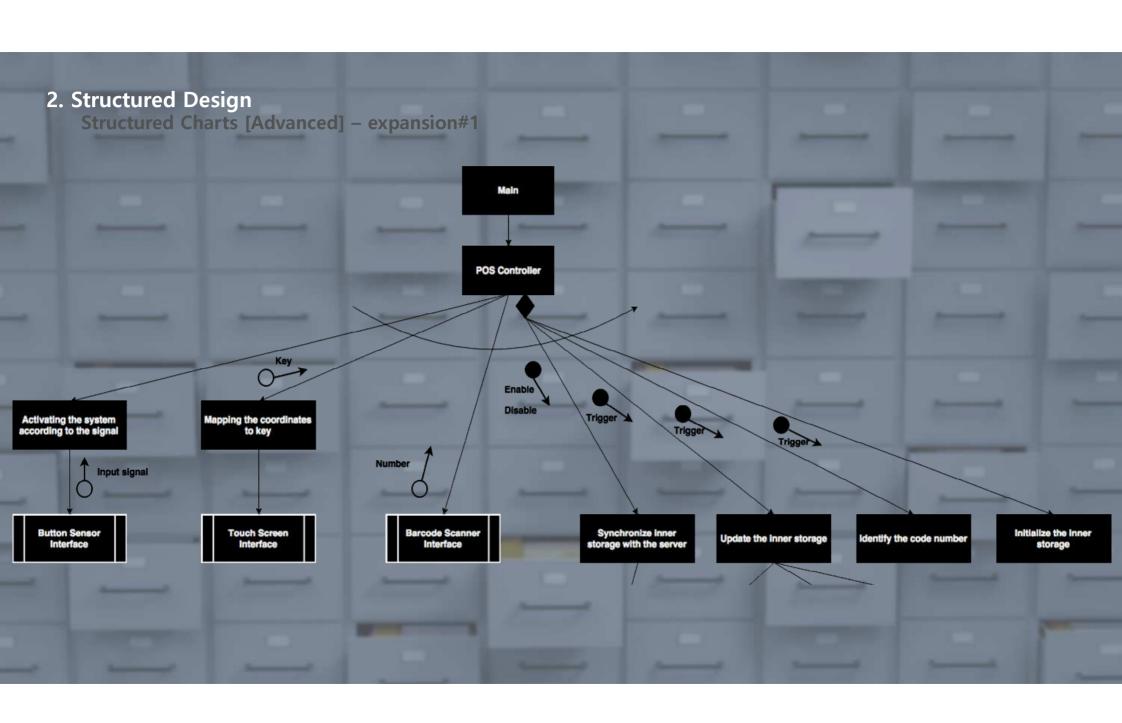


2. Structured Design **Structured Charts** [Basic] – expansion#2 input signal Barcode Scanner Interface Synchronize Inner storage with the server **Button Sensor Touch Screen** Initialize the Inner Identify the code number Update the Inner storage storage Sale / Refund / Inventory Info Sale / Refund Info Stock / Settle / Refund / Sale Data (Sale Management, Product) document Refund error message

Update command

Print command





2. Structured Design Structured Charts [Advanced] – expansion#2 Synchronize Inner storage with the server **Touch Screen** initialize the inner Update the Inner storage Identify the code number (Sale Management, Product) Sale / Refund / Inventory Info Stock / Settle / Refund / Sale Retund error message Update command Print command

