

2016 소프트웨어공학설계

Revised Structured Analysis & Structured Design

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Overall DFD



Revised DFD



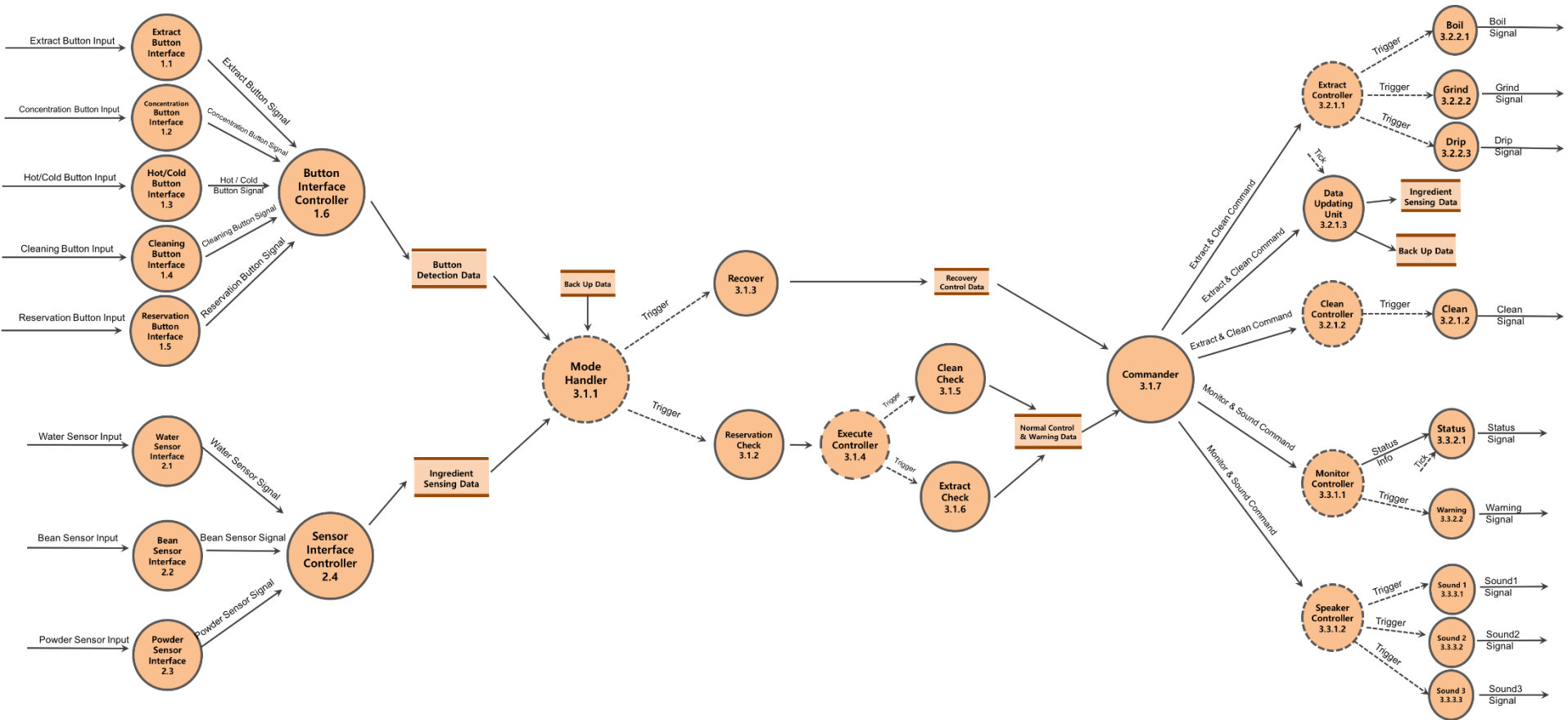
SD of Coffee Machine System



Q & A

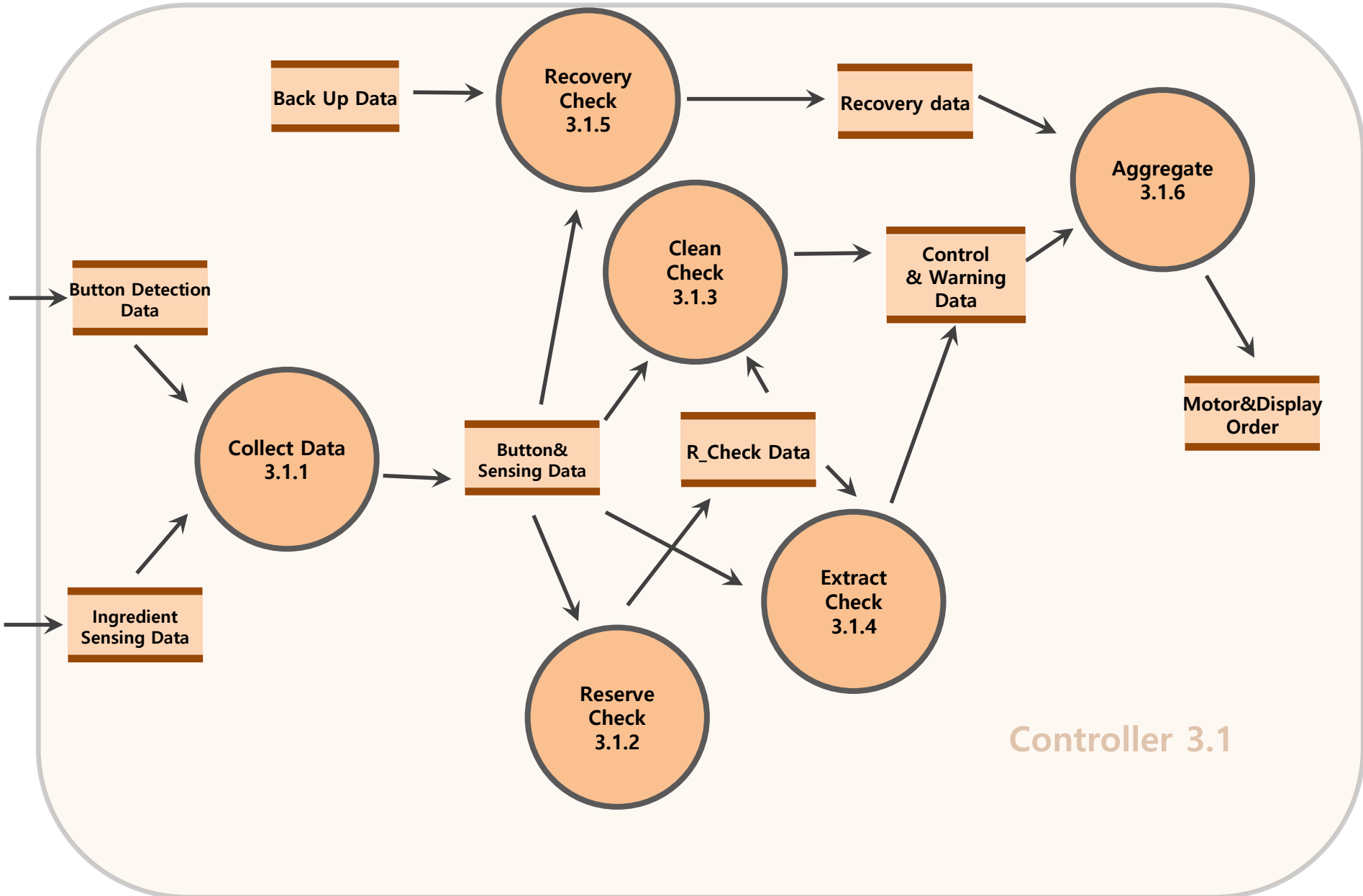
Overall DFD

Overall DFD (ver 2.0)

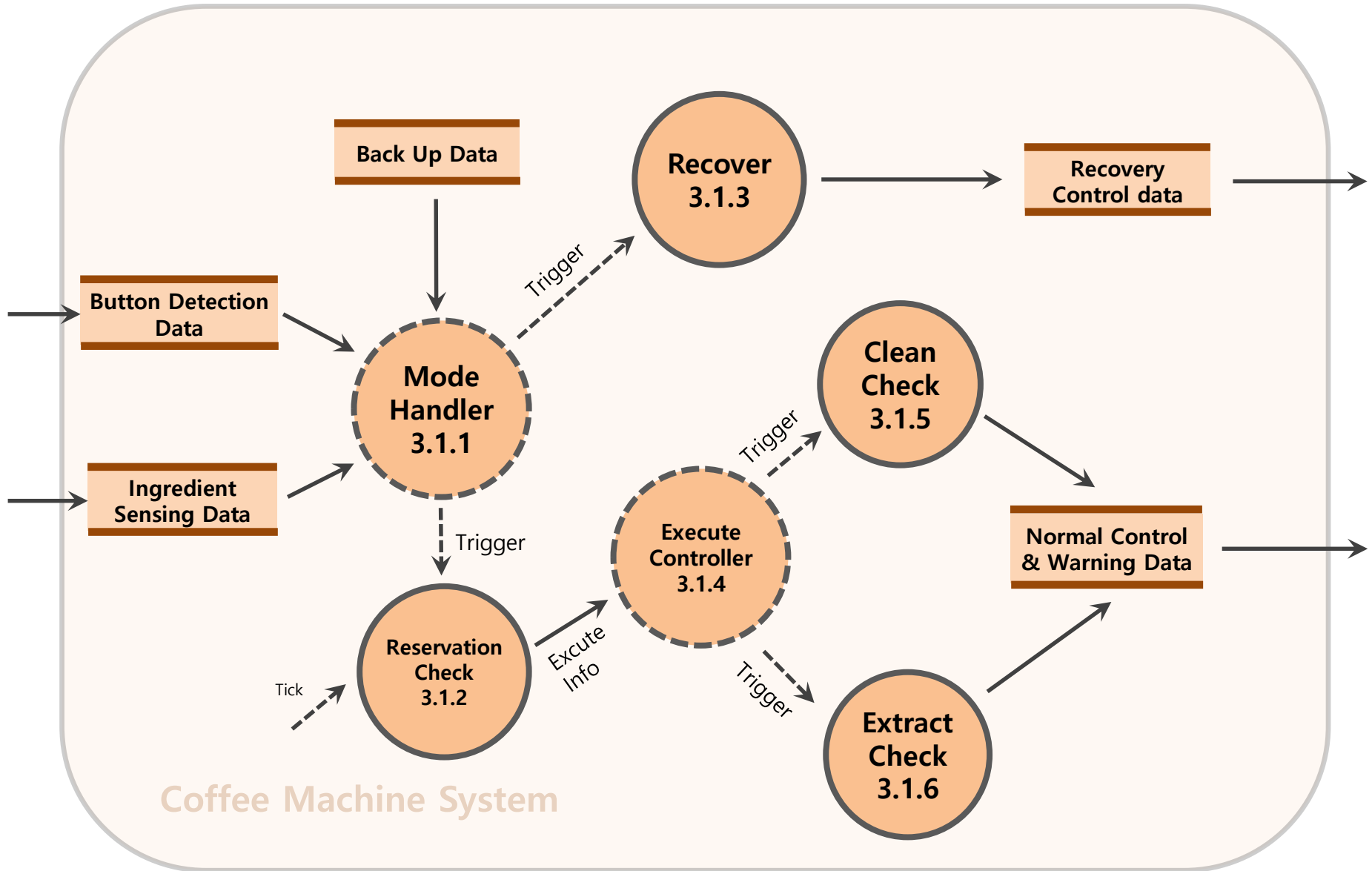


Revised DFD

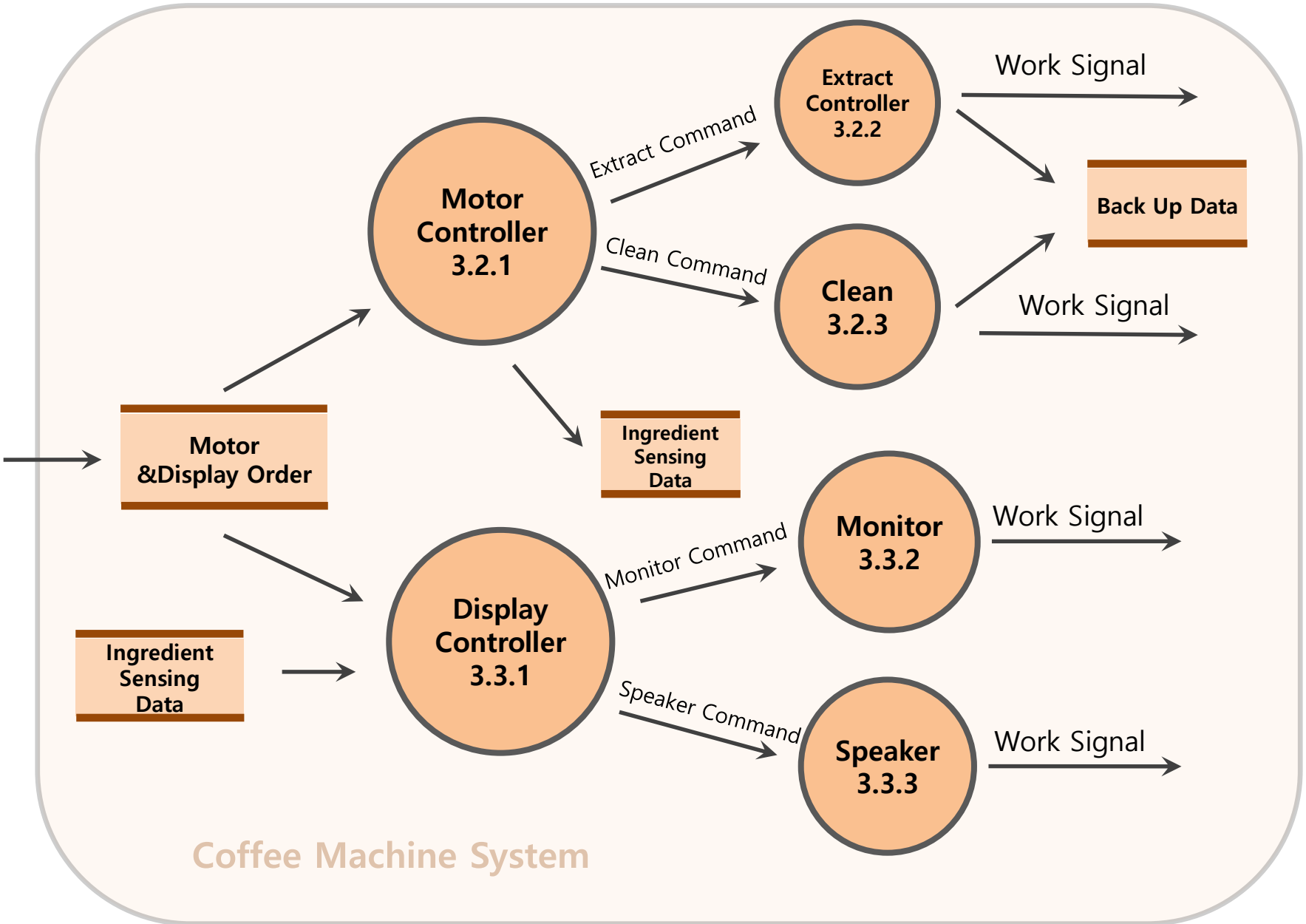
DFD Level 3 (ver 1.1, 1/2)



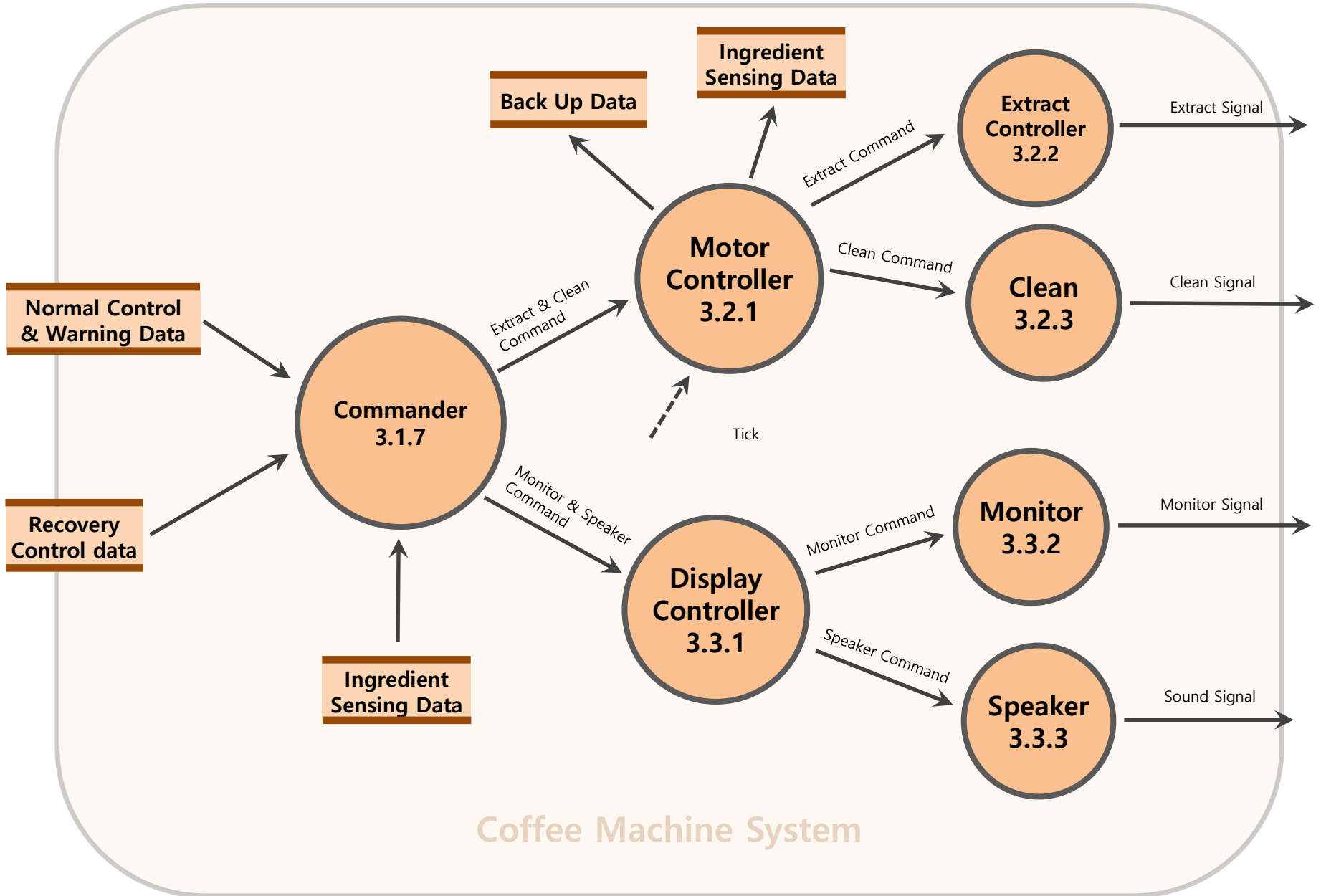
DFD Level 3 (ver 2.0, 1/2)



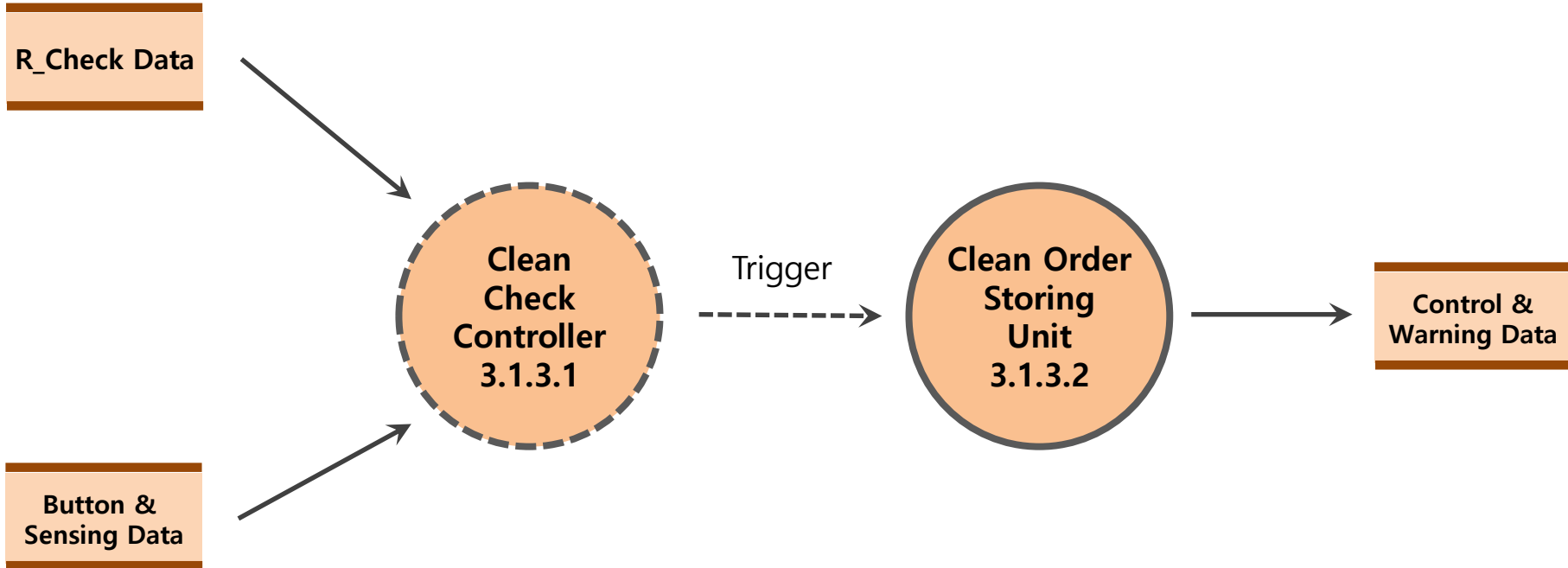
DFD Level 3 (ver 1.1, 2/2)



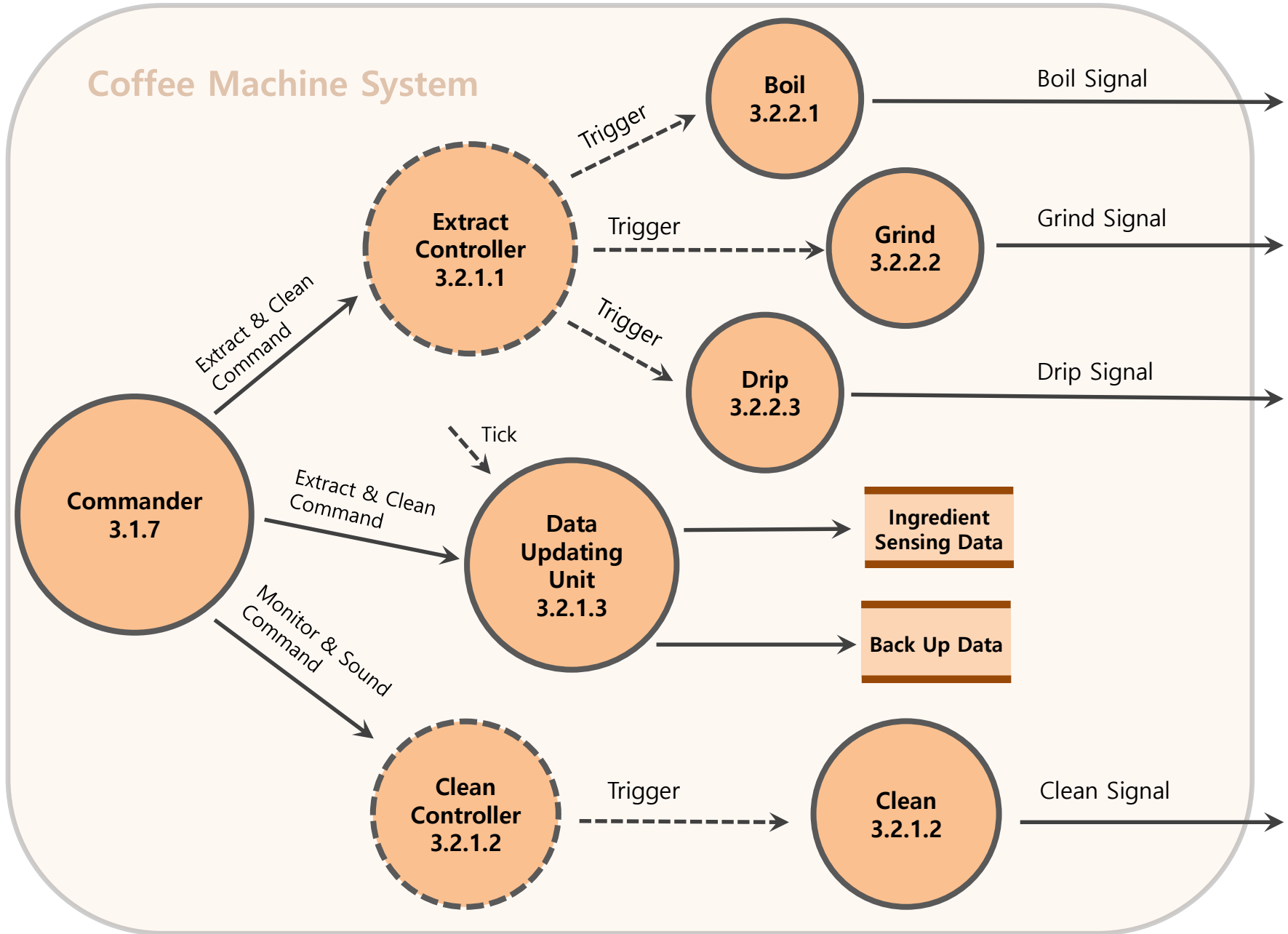
DFD Level 3 (ver 2.0, 2/2)



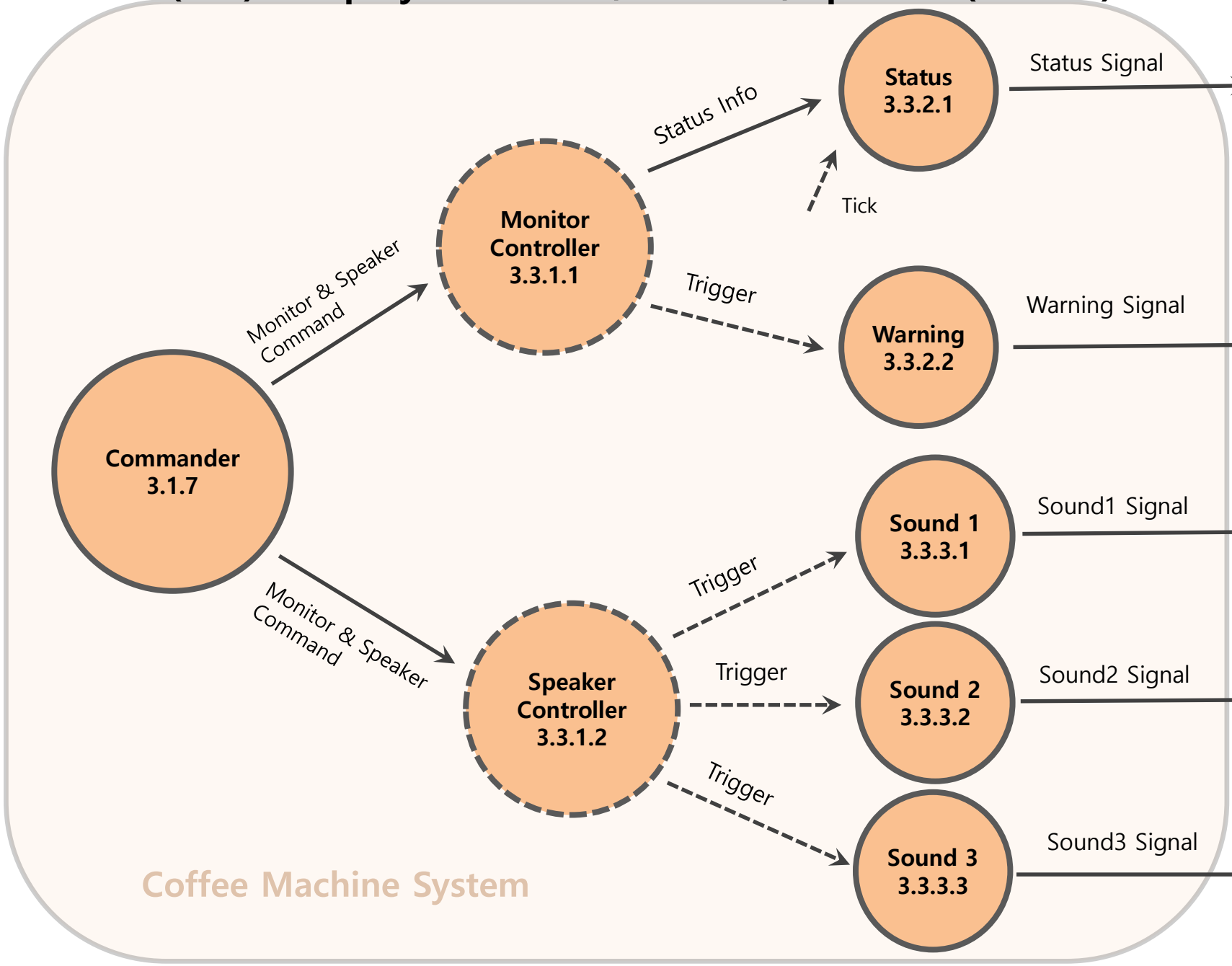
DFD Level 4 (ver 1.1)



DFD Level 4 (1/2) – Motor Controller, Extract Controller (ver 2.0)

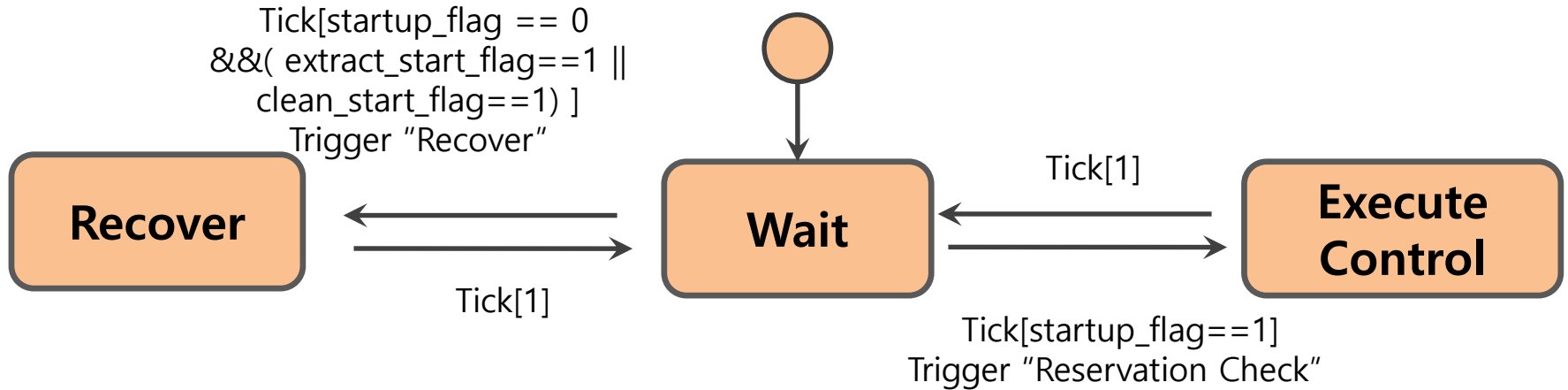


DFD Level 4 (2/2)- Display Controller, Monitor, Speaker (ver 2.0)



Coffee Machine System

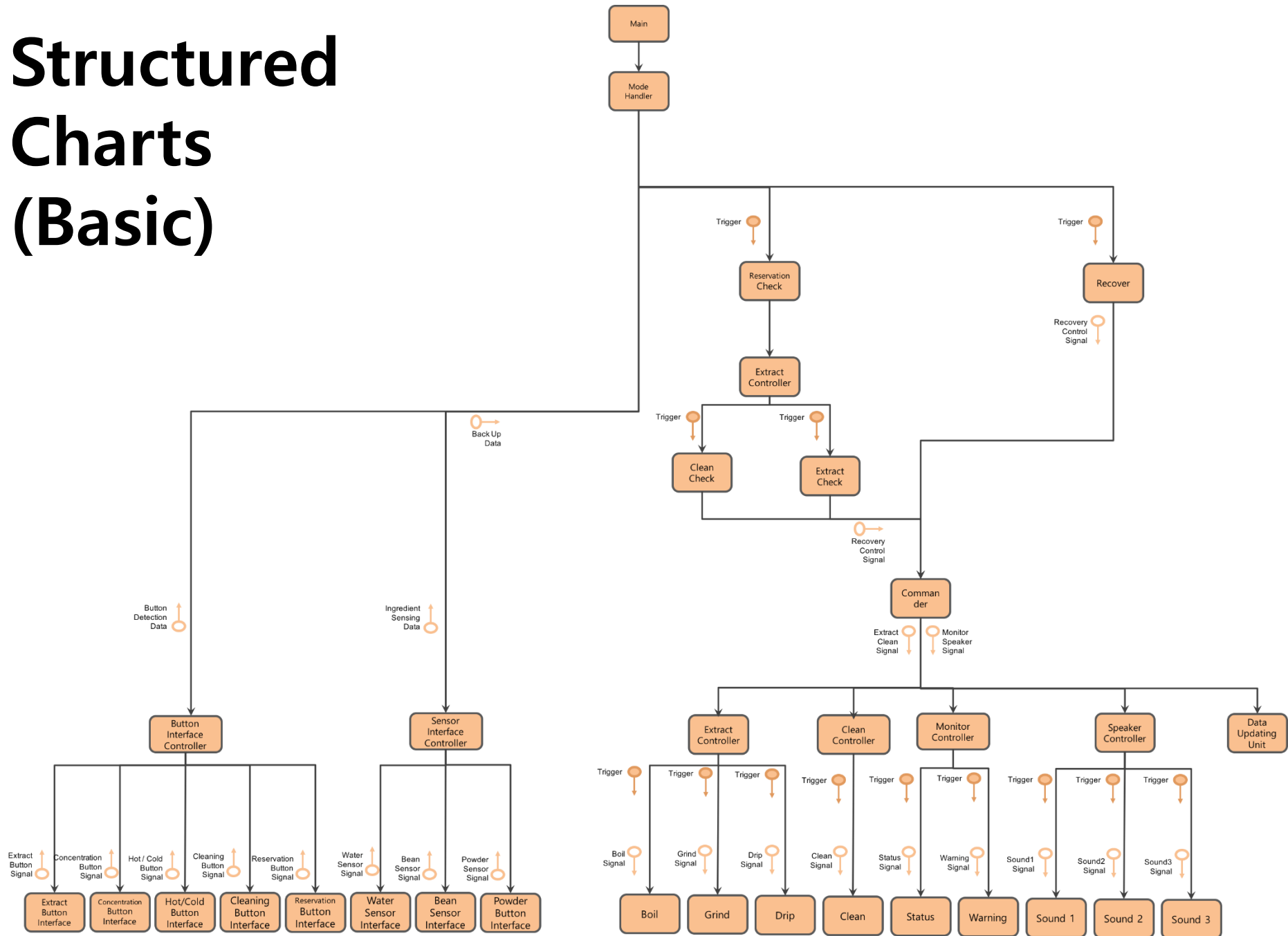
State Transition Diagram (3.1.1)-Mode Handler



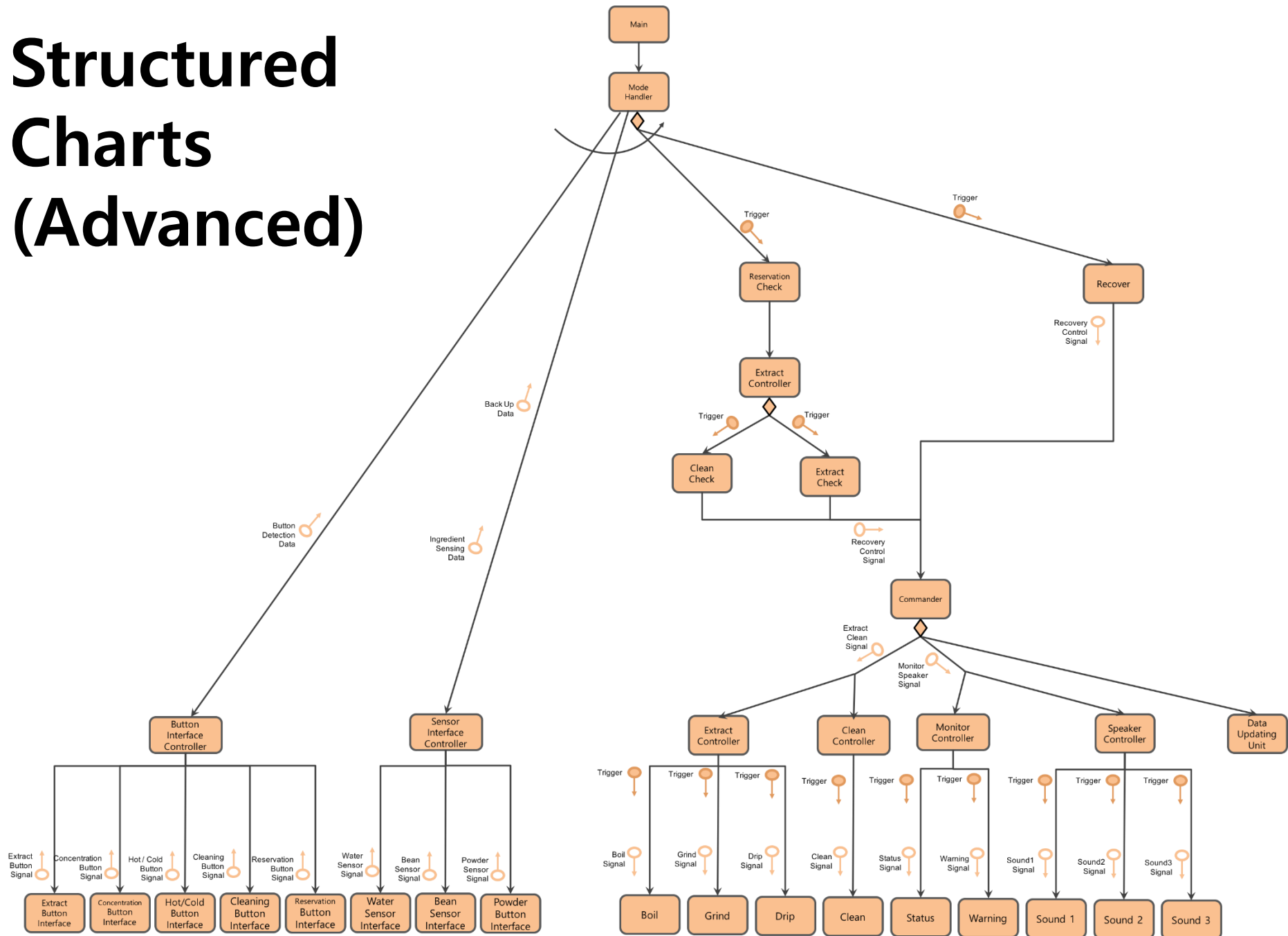
이름	대기/완료	가열중	분쇄중	추출중	청소중
extract_start_flag	0	1	1	1	0
clean_start_flag	0	0	0	0	1
boil_start_flag	0	1	0	0	0
grind_start_flag	0	0	1	0	0
drip_start_flag	0	0	0	1	0

SD of Coffee Machine System

Structured Charts (Basic)



Structured Charts (Advanced)



Q & A