

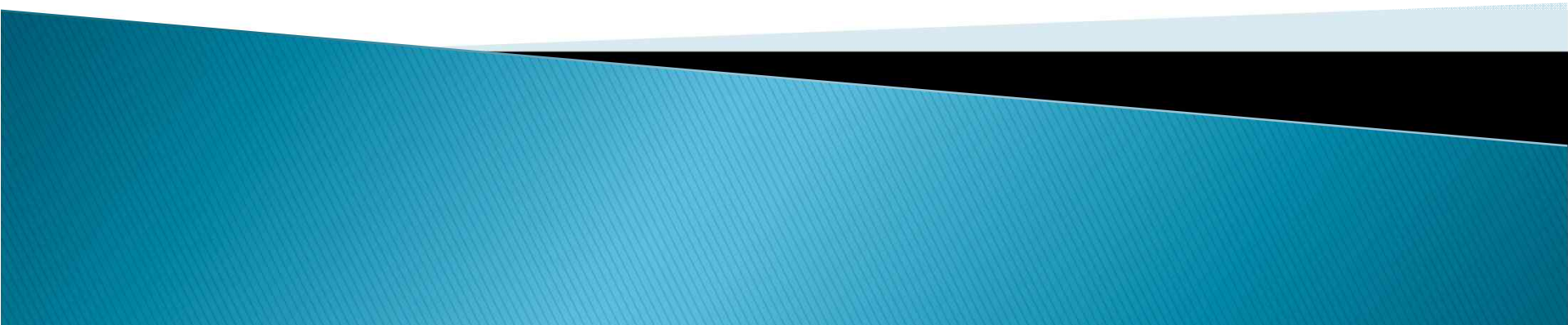
201011328 박기범

201113275 정준호

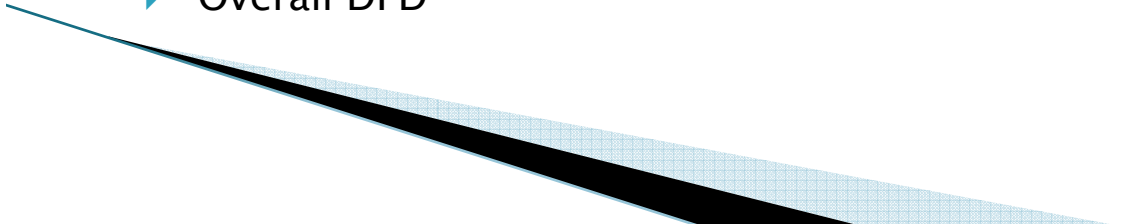
201211329 김민수

201211337 김재현

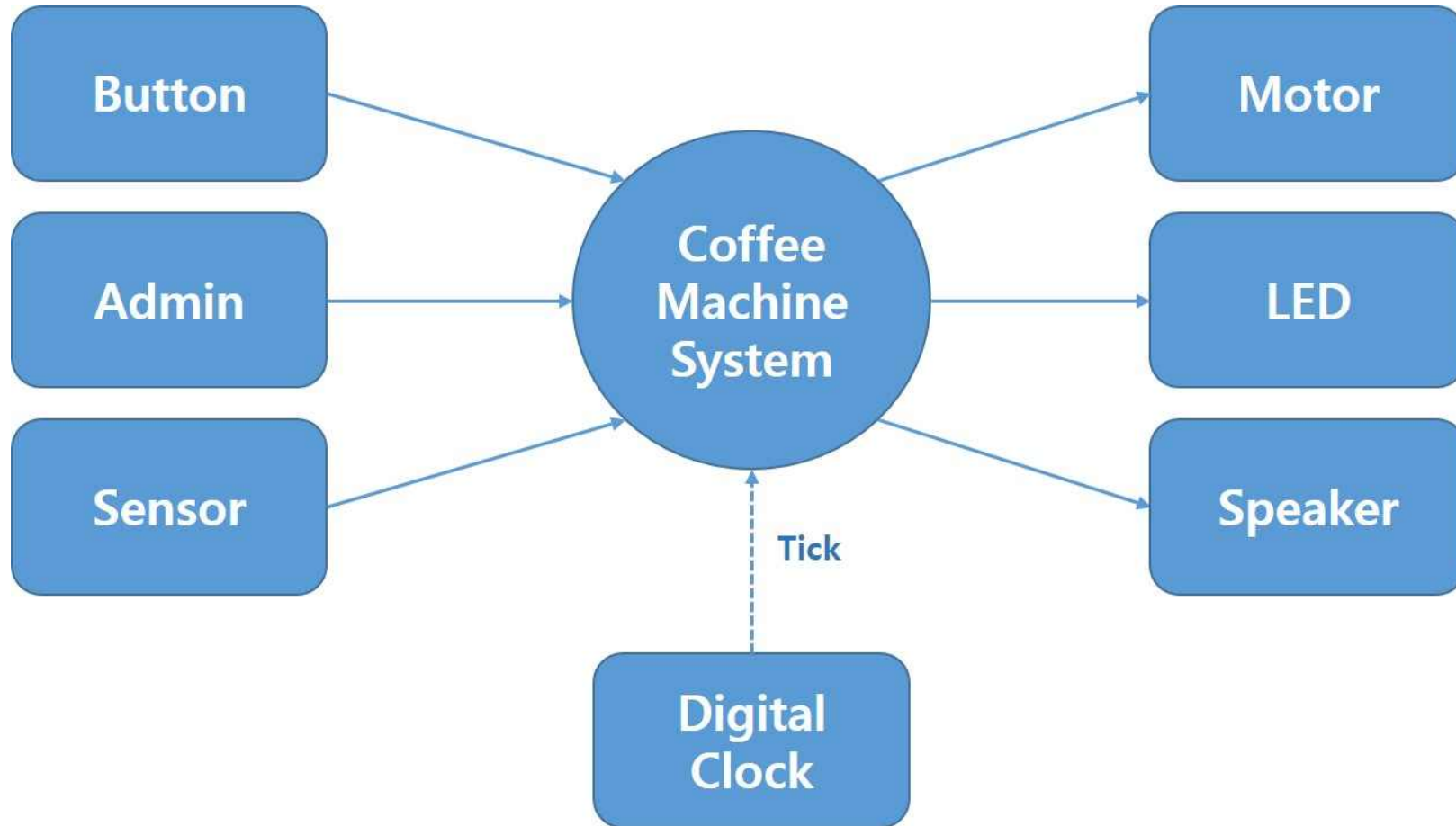
Software Requirement Analysis for
**Coffee Machine
System**



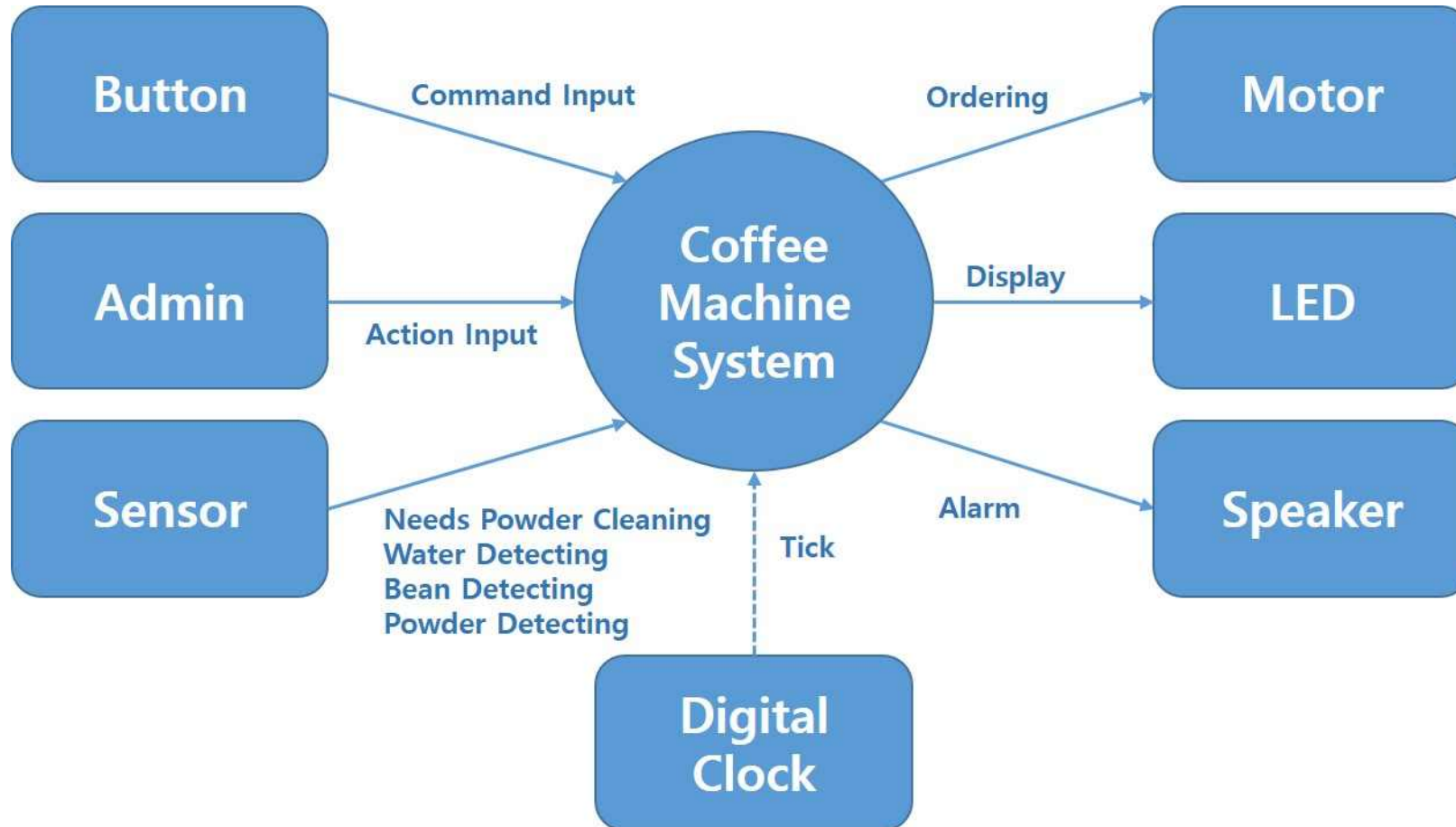
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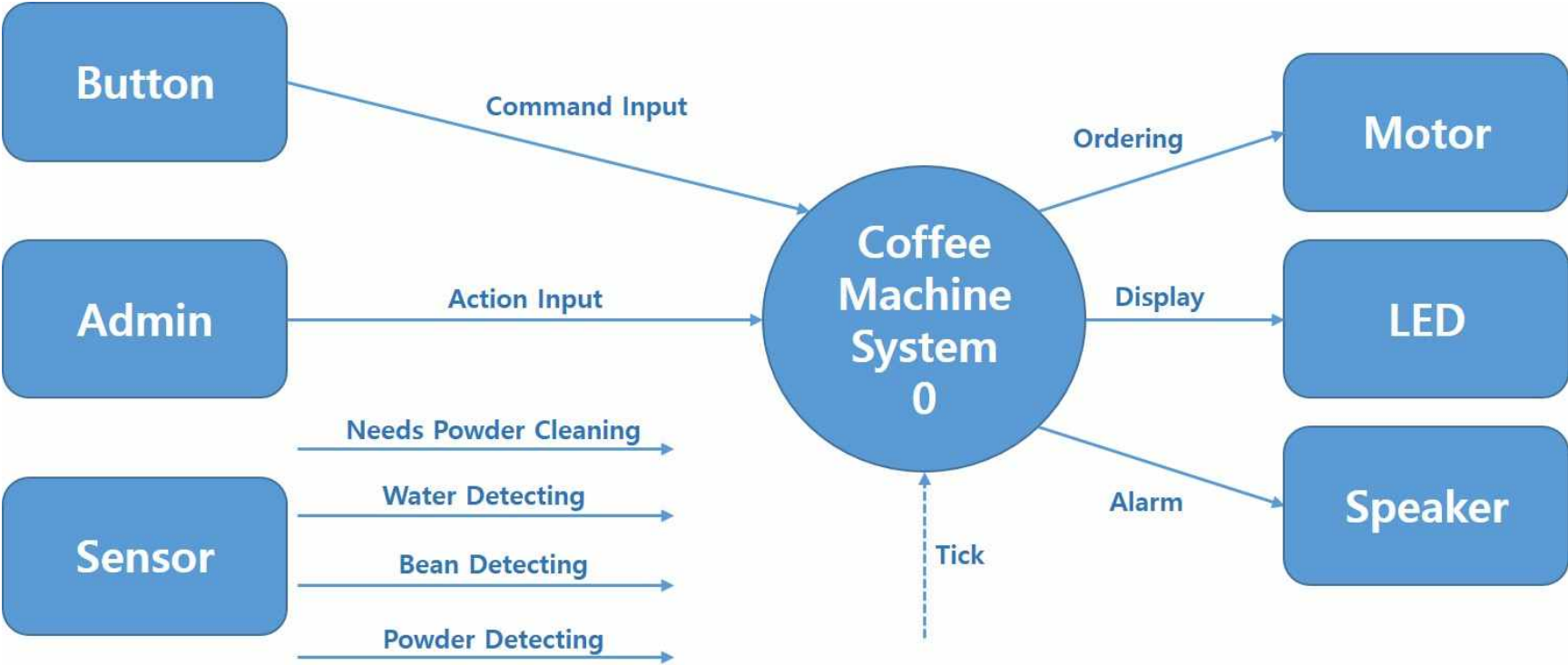
Basic System Context Diagram



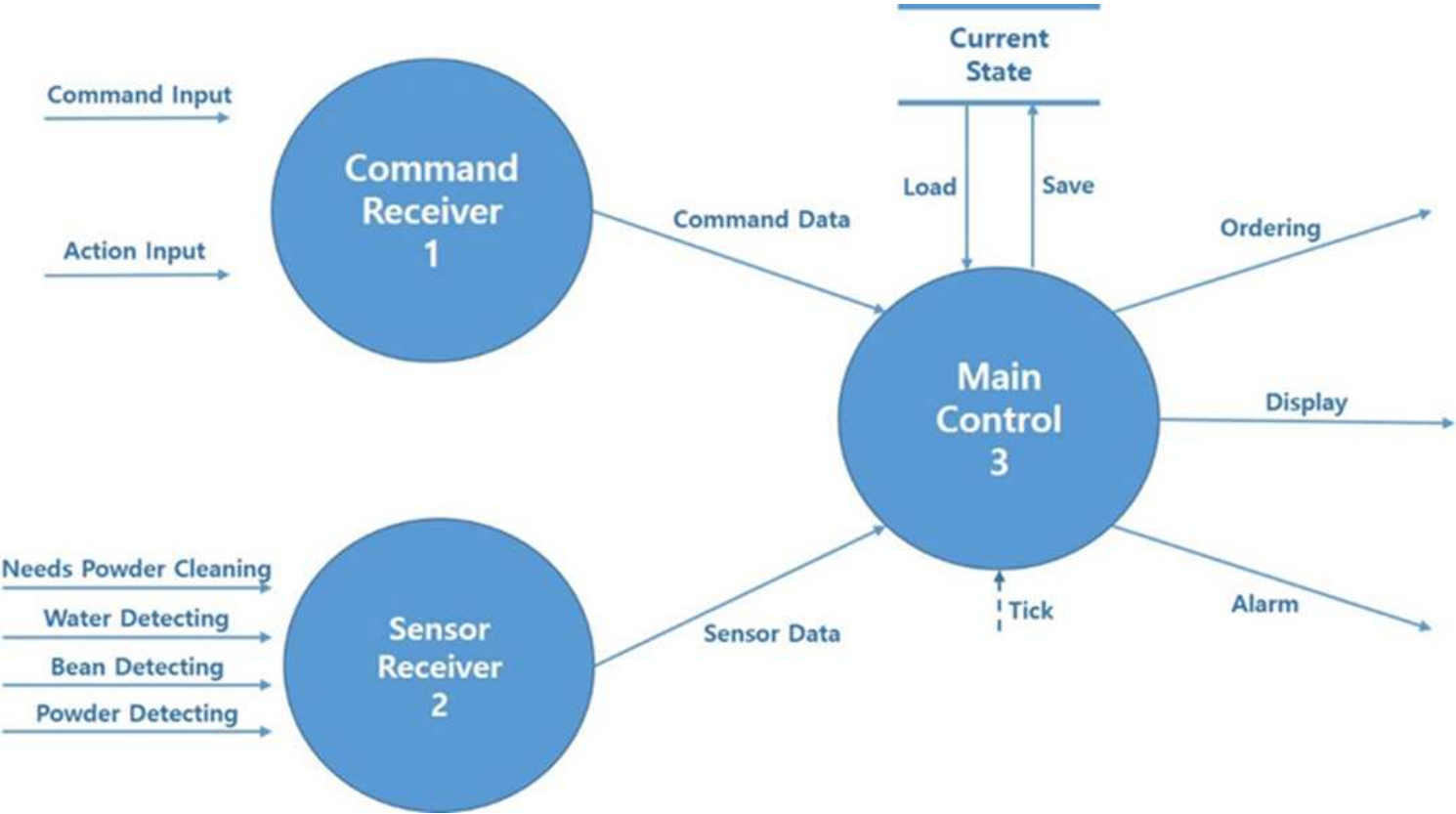
System Context Diagram



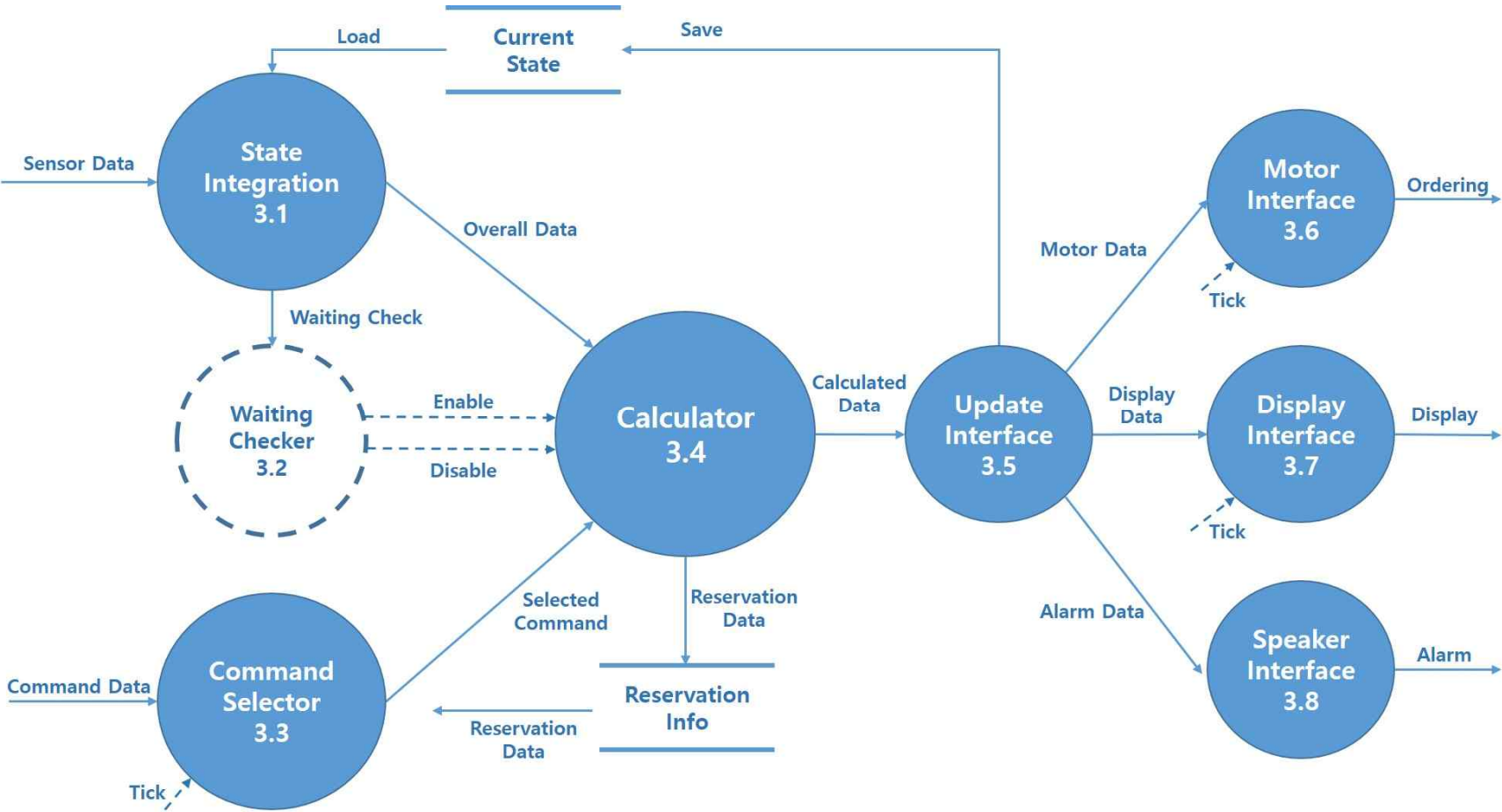
DFD Level 0



DFD Level 1

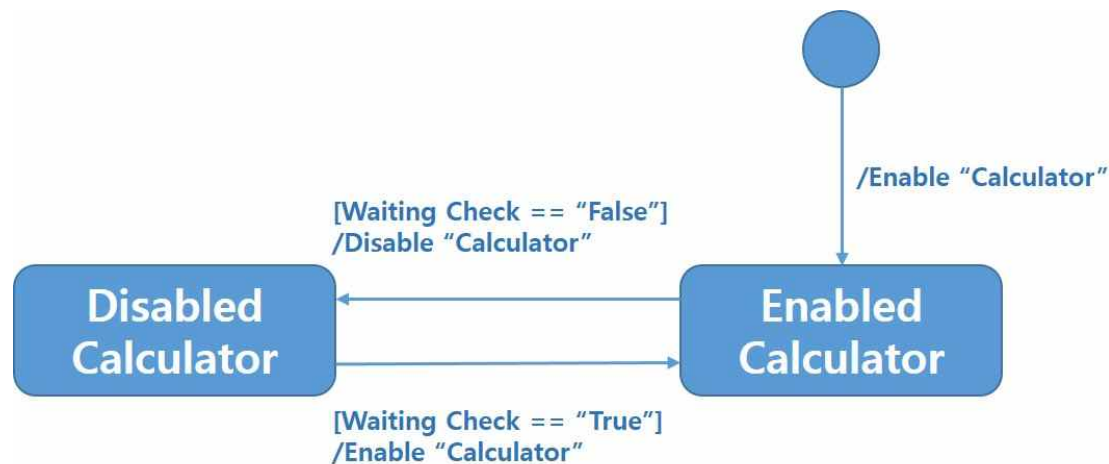


DFD Level 2 (1 / 2)



DFD Level 2 (2/2)

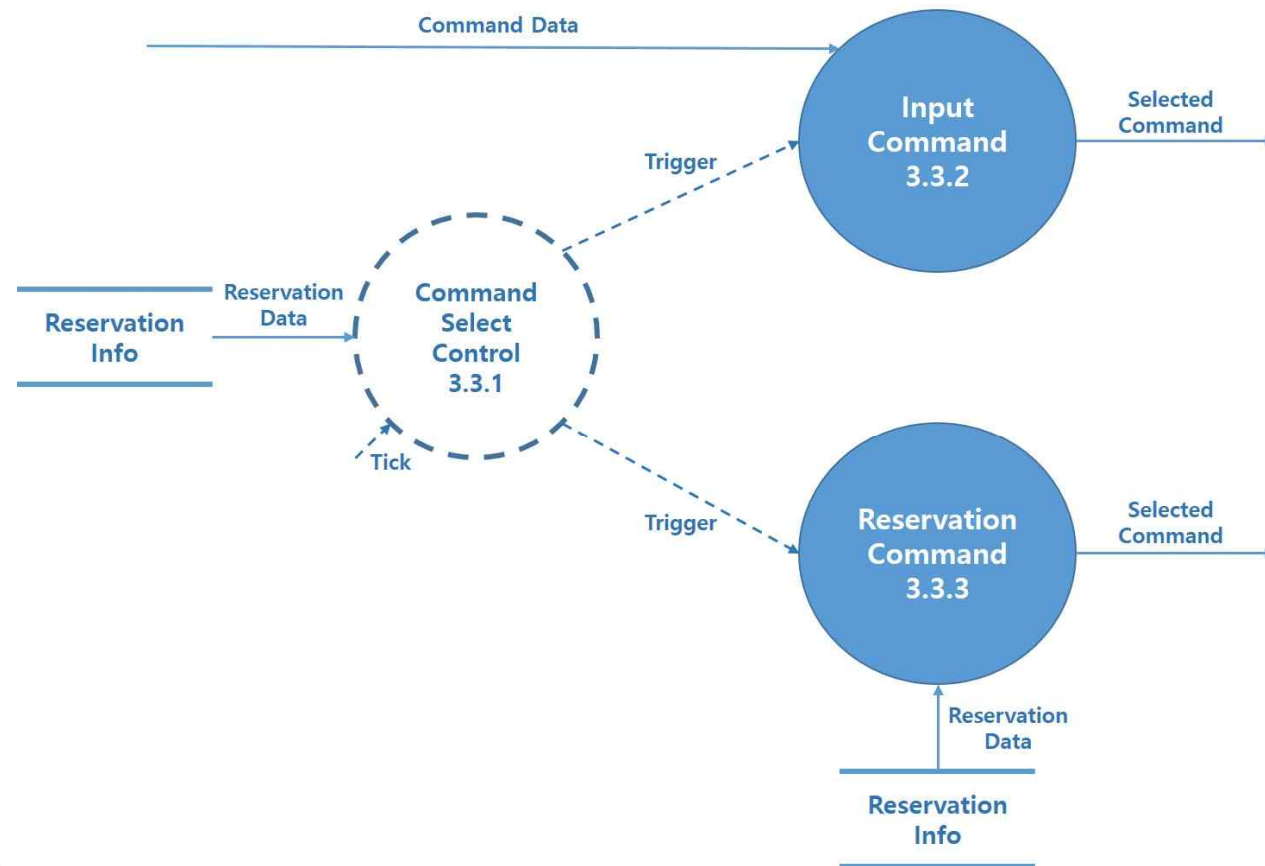
▶ STD for Waiting Checker



Reference No.	3.2
Name	Waiting Checker
Input	Waiting Check
Output	Enable, Disable
Process Description	현재 상태가 "대기중"이 아닐 경우 Command의 수행을 막는 컨트롤이다.

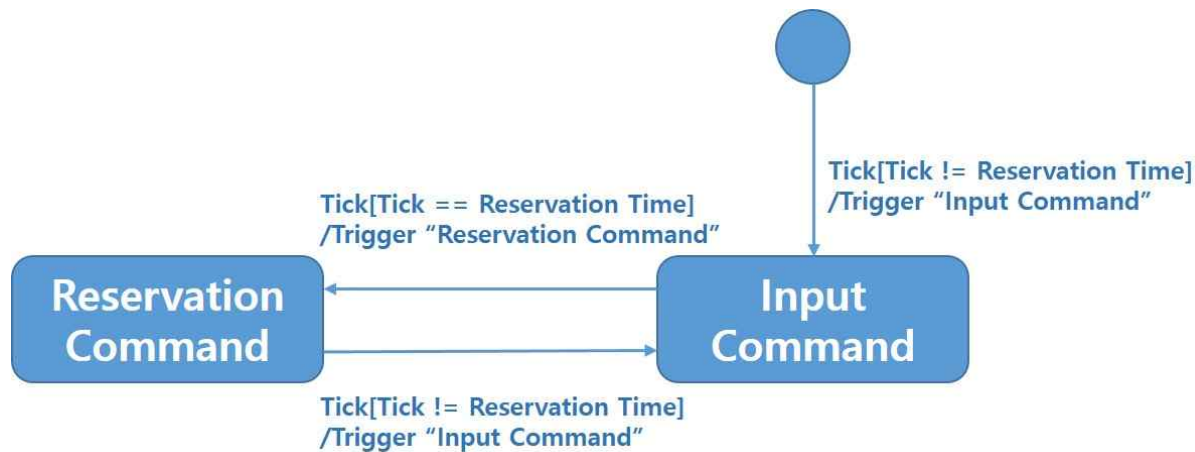
DFD Level 3 (1 / 4)

▶ Command Selector



DFD Level 3 (2/4)

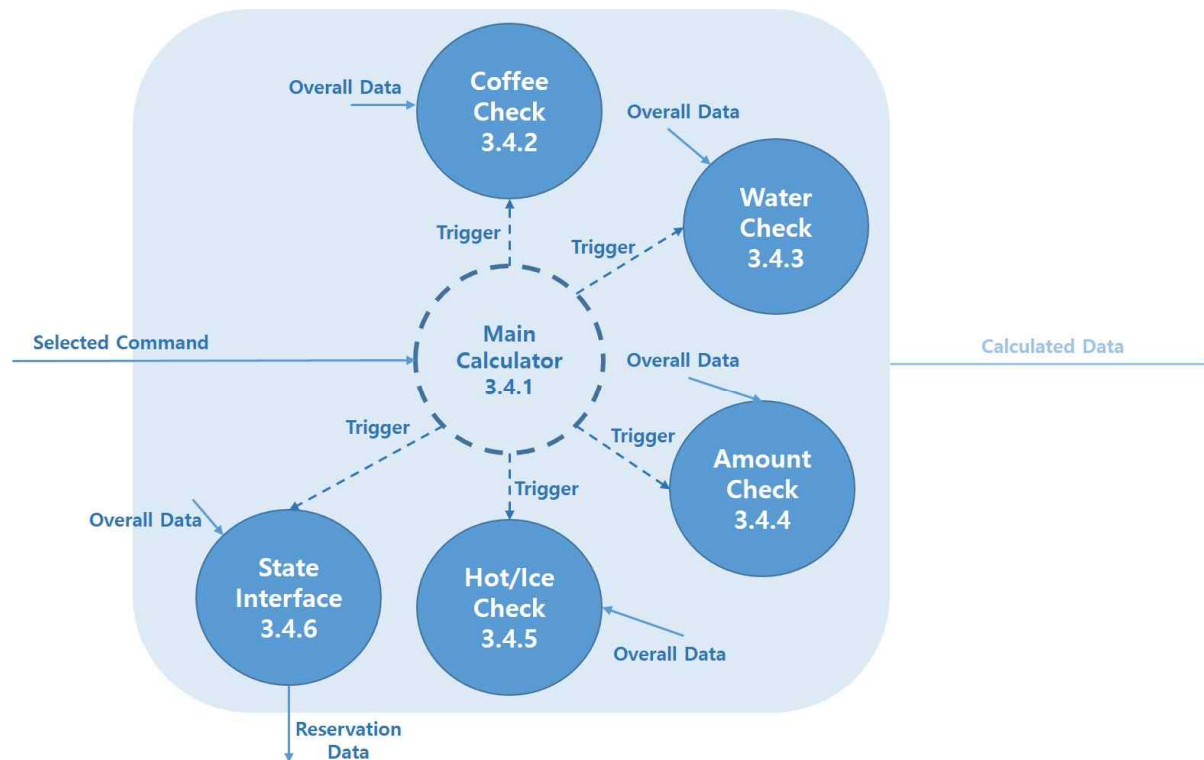
▶ STD for Command Select Control



Reference No.	3.3.1
Name	Command Select Control
Input	Reservation Data, Tick
Output	Trigger
Process Description	Reservation Info에서 예약 시간을 받아와 Tick과 비교하여 Command를 Trigger한다.

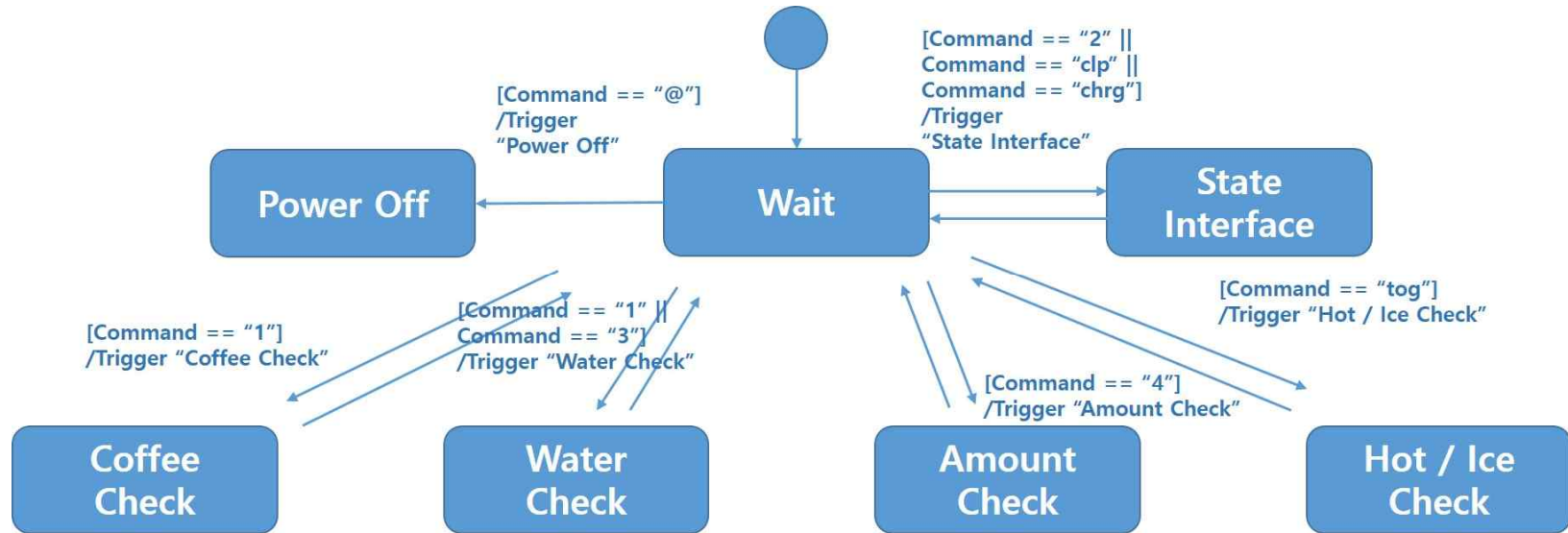
DFD Level 3 (3/4)

▶ Calculator



DFD Level 3 (4/4)

▶ STD for Main Calculator



Reference No.	3.4.1
Name	Main Calculator
Input	Selected Command
Output	Trigger
Process Description	사용자로부터 받은 Command에 대한 직접적인 계산이 이루어지는 Controller

Overall DFD

