

# Software Requirement Analysis

## for Public Transportation System

201311276 박형민

201311275 박상희

201311269 김제현

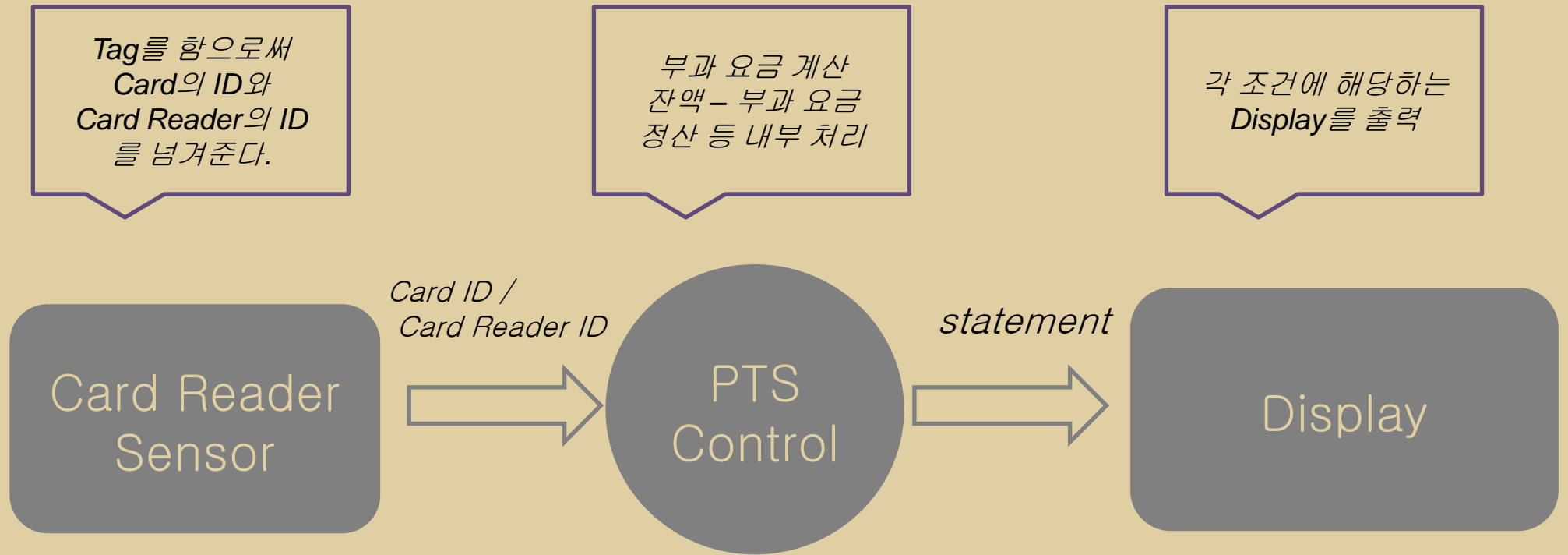
201311287 엄현식

# I N D E X

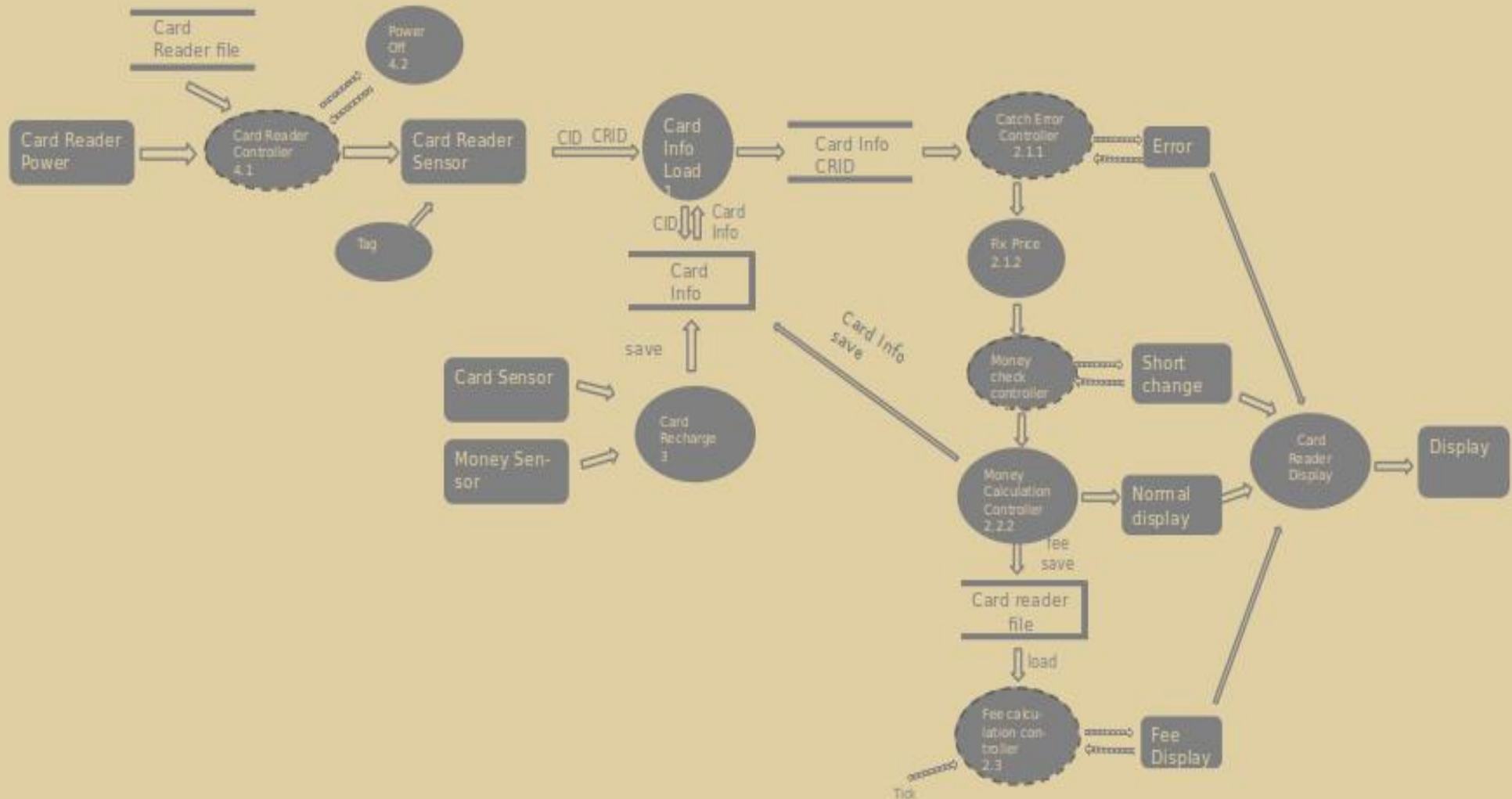
- I System context diagram
- II DFD(Data Flow Diagram)
- III STD(State transition Diagram)

# System context diagram

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# Date Flow Diagram



# Date Flow Diagram Lv0

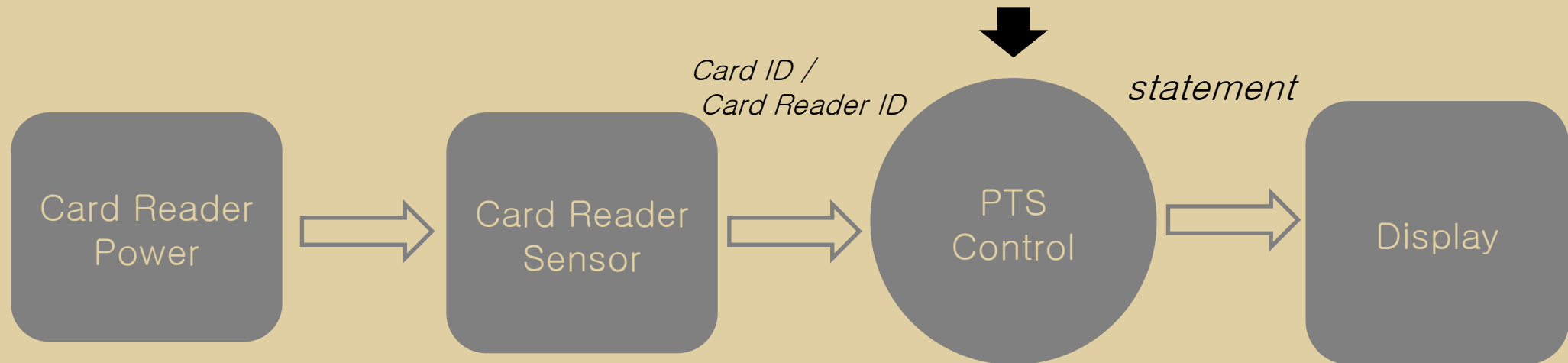
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정산이 이루어지지 않았을 경우 **Card Reader** 중지

역 단말기 **Sensor**로 **Tag**를 대기

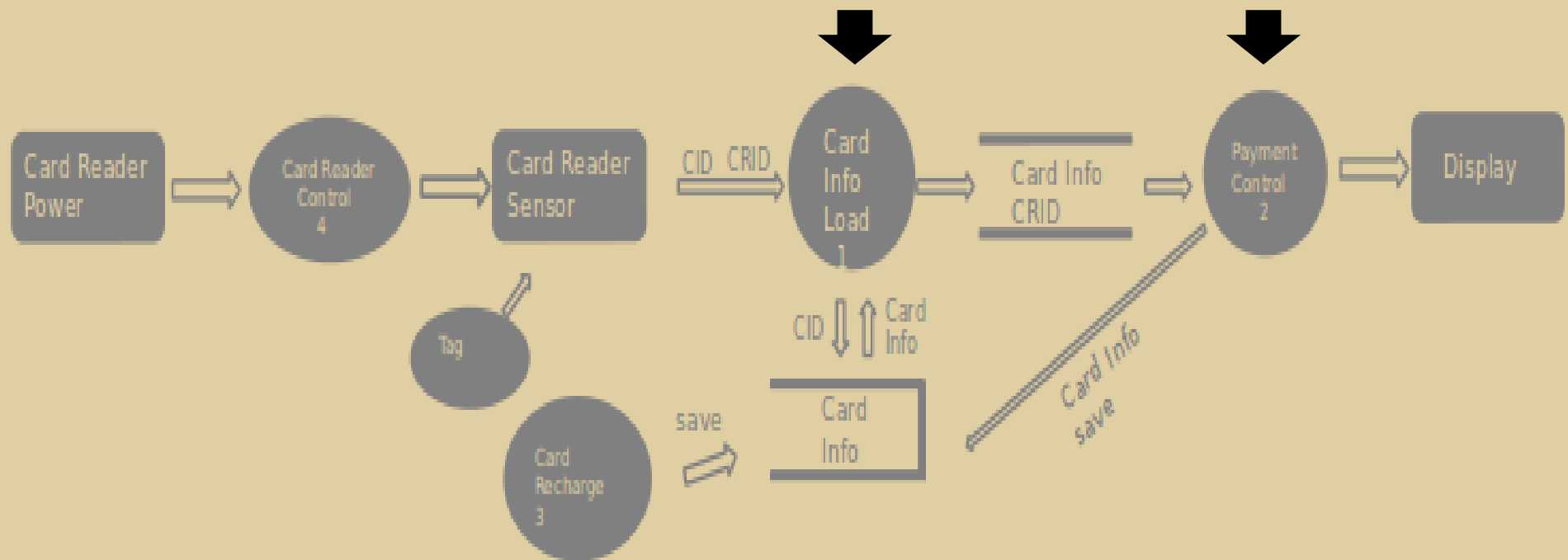
부과 요금 계산  
잔액 - 부과 요금  
정산 등 내부 처리

**Statement**에 해당하는 **display**

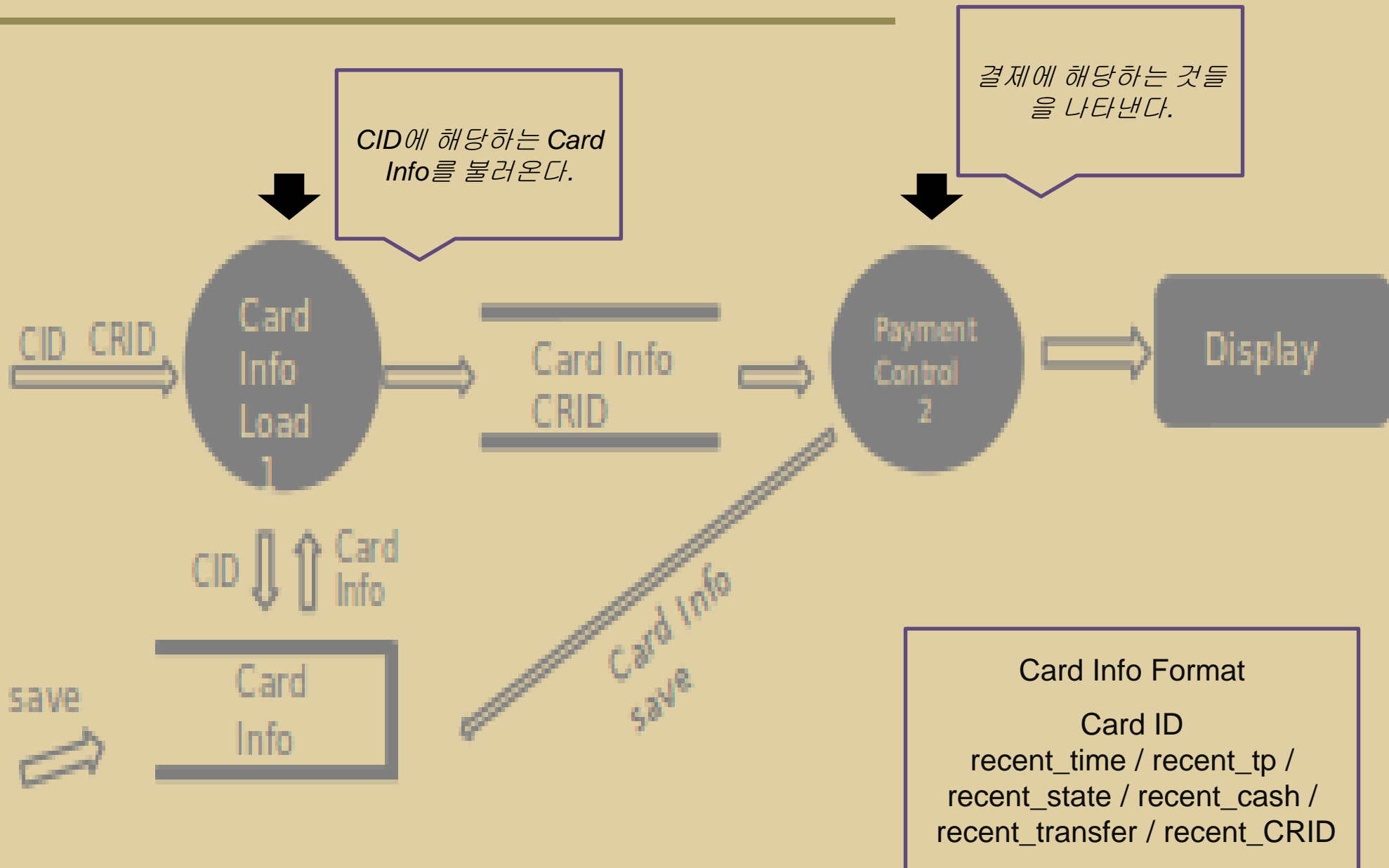


# Date Flow Diagram Lv1

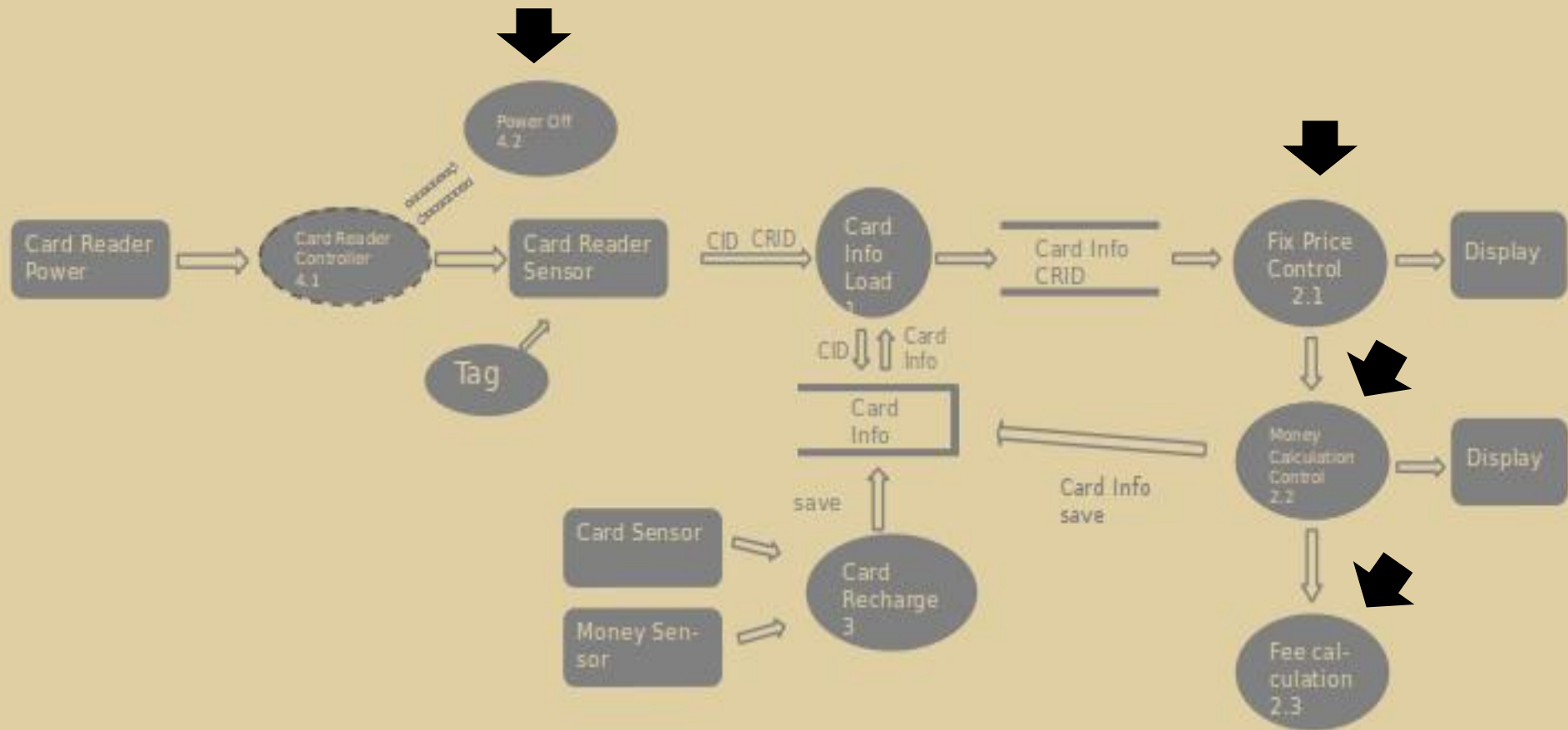
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# Date Flow Diagram Lv1



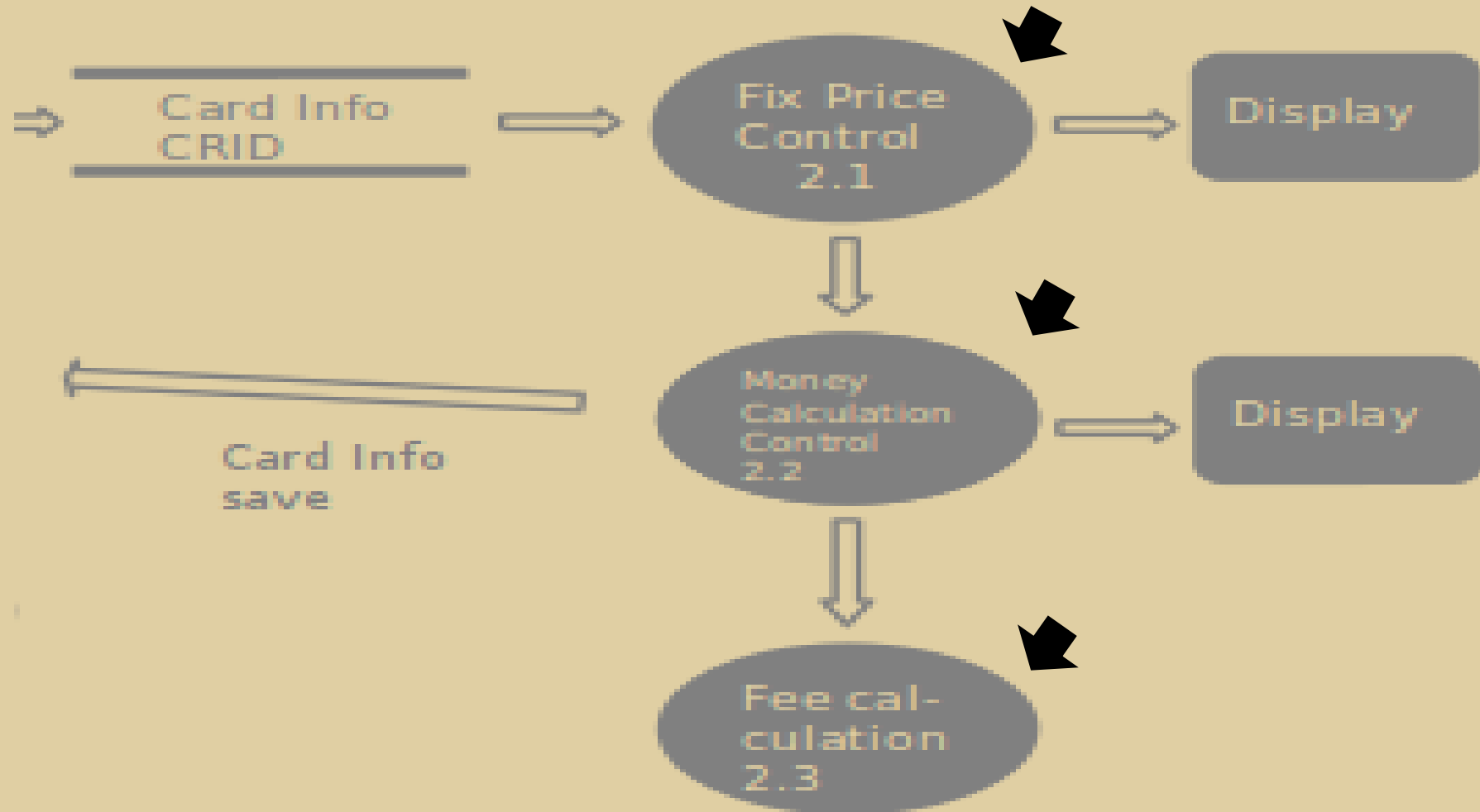
# Date Flow Diagram Lv2





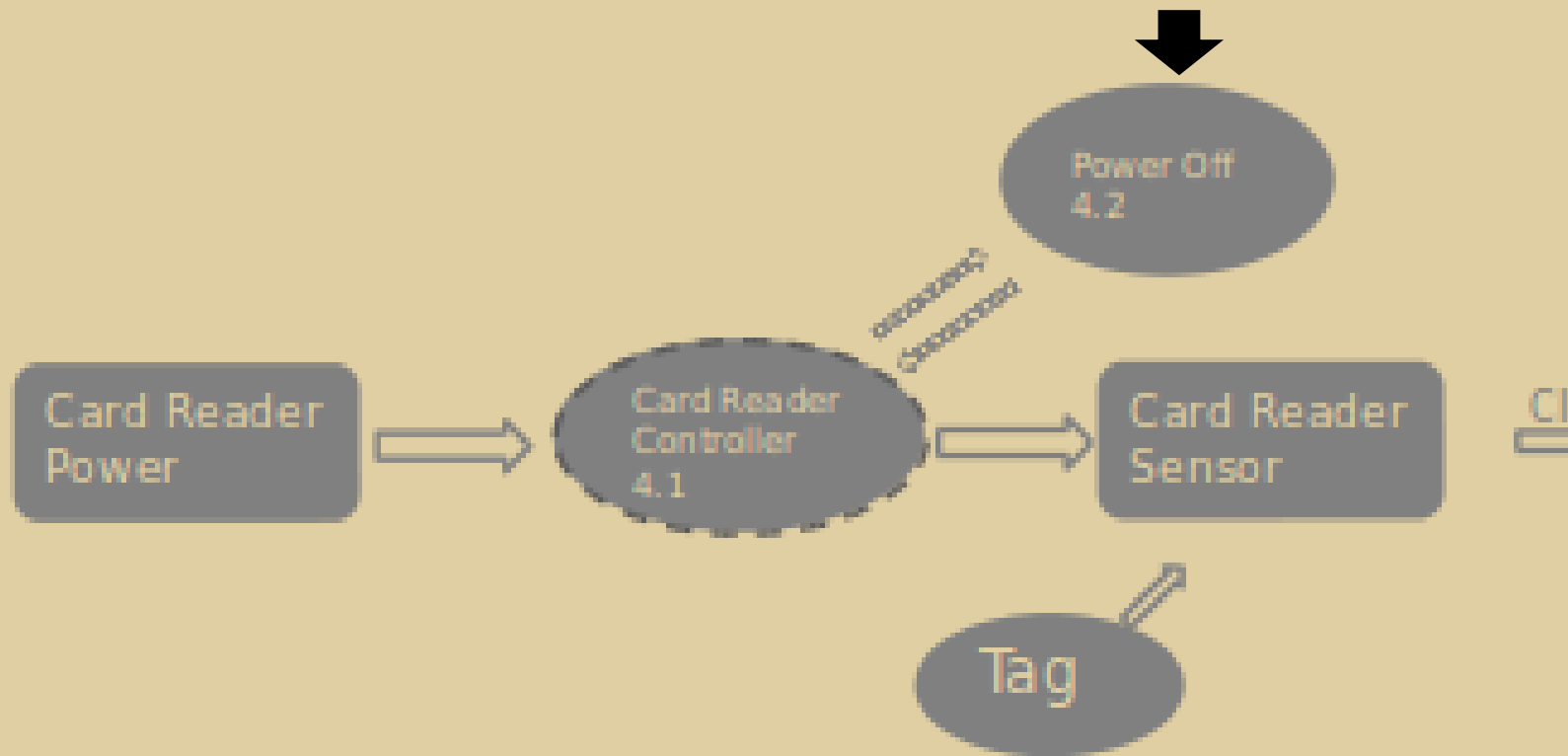
# Date Flow Diagram Lv2

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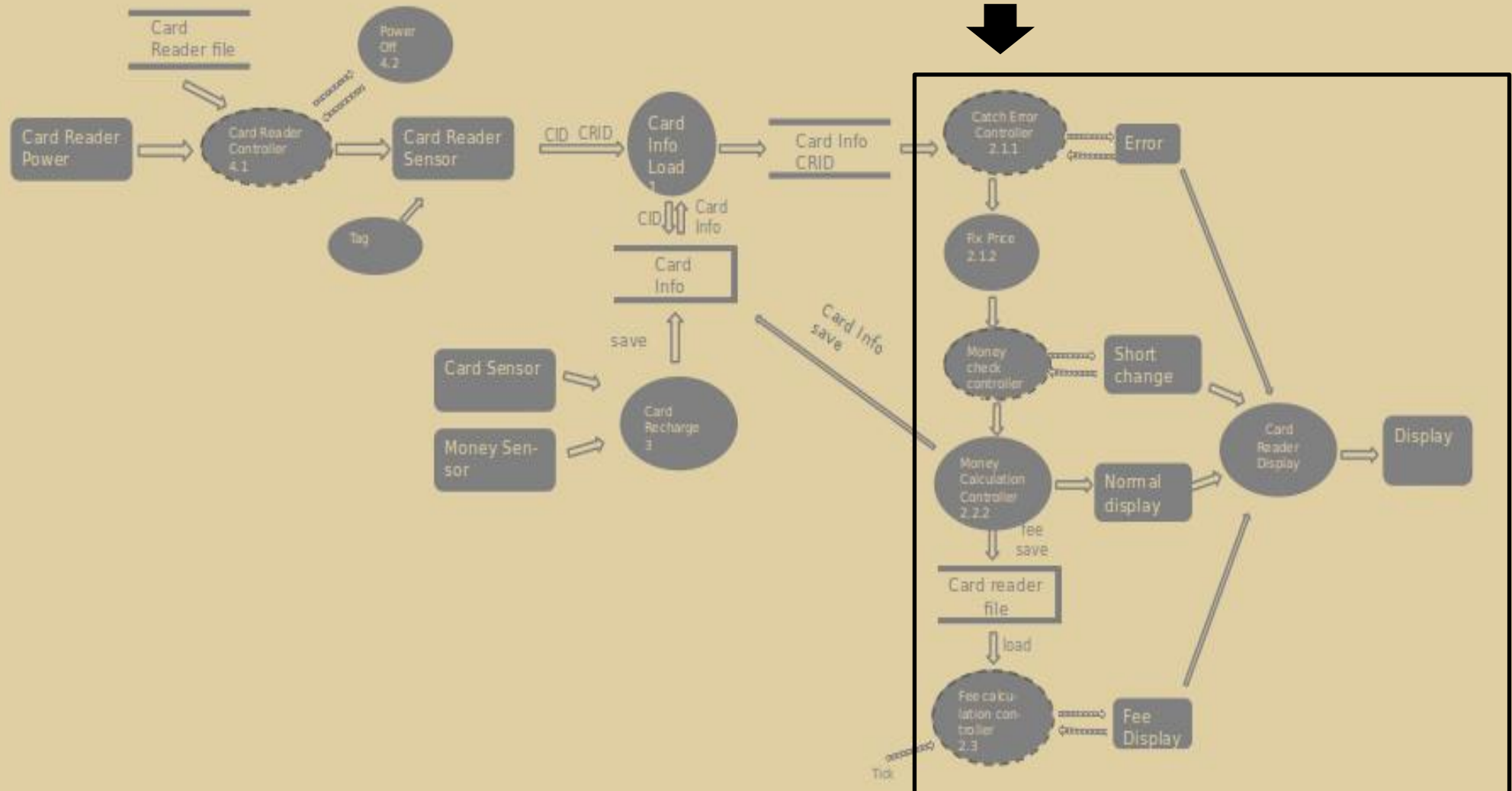


# Date Flow Diagram Lv2

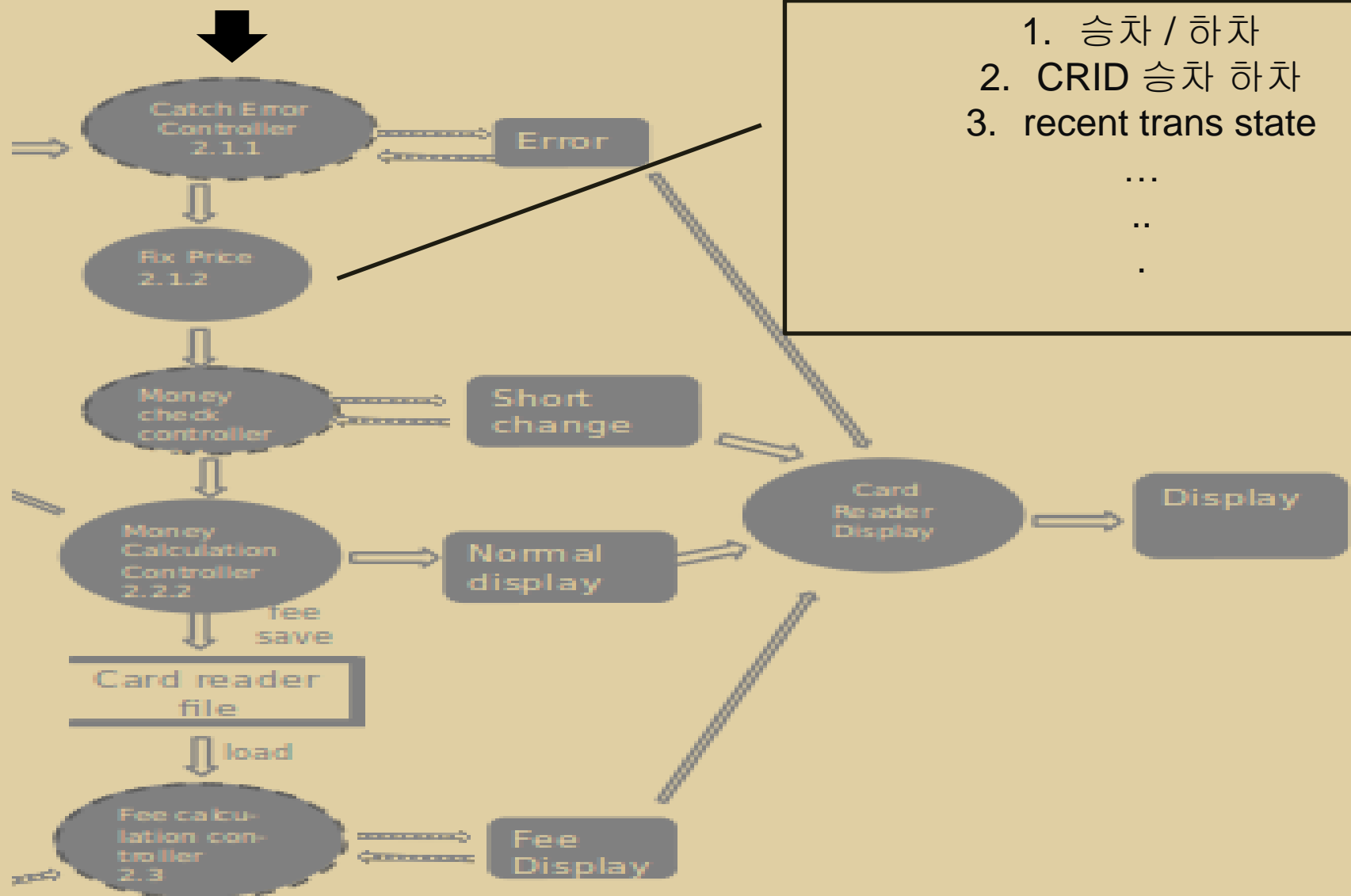
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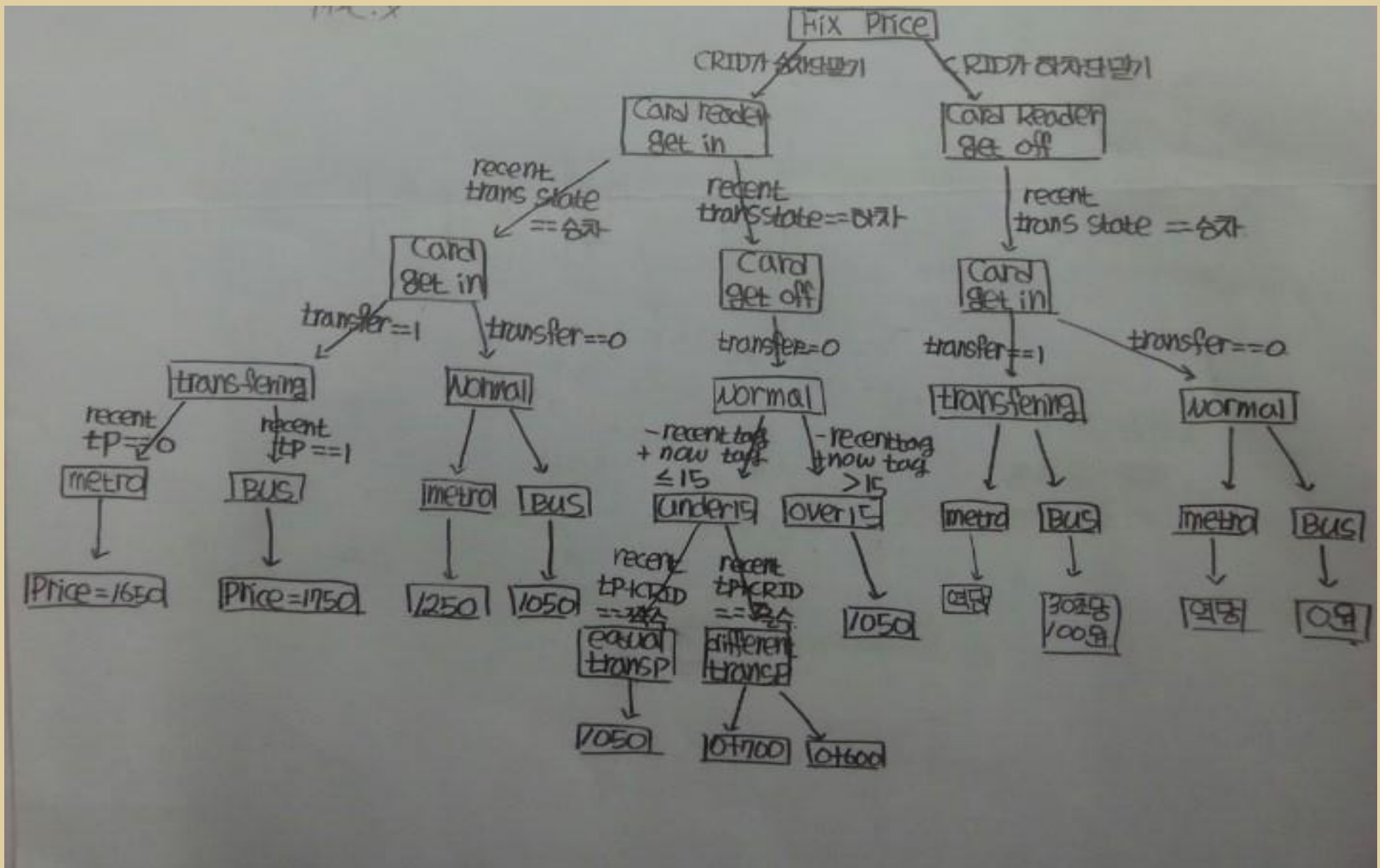
# Date Flow Diagram Lv3



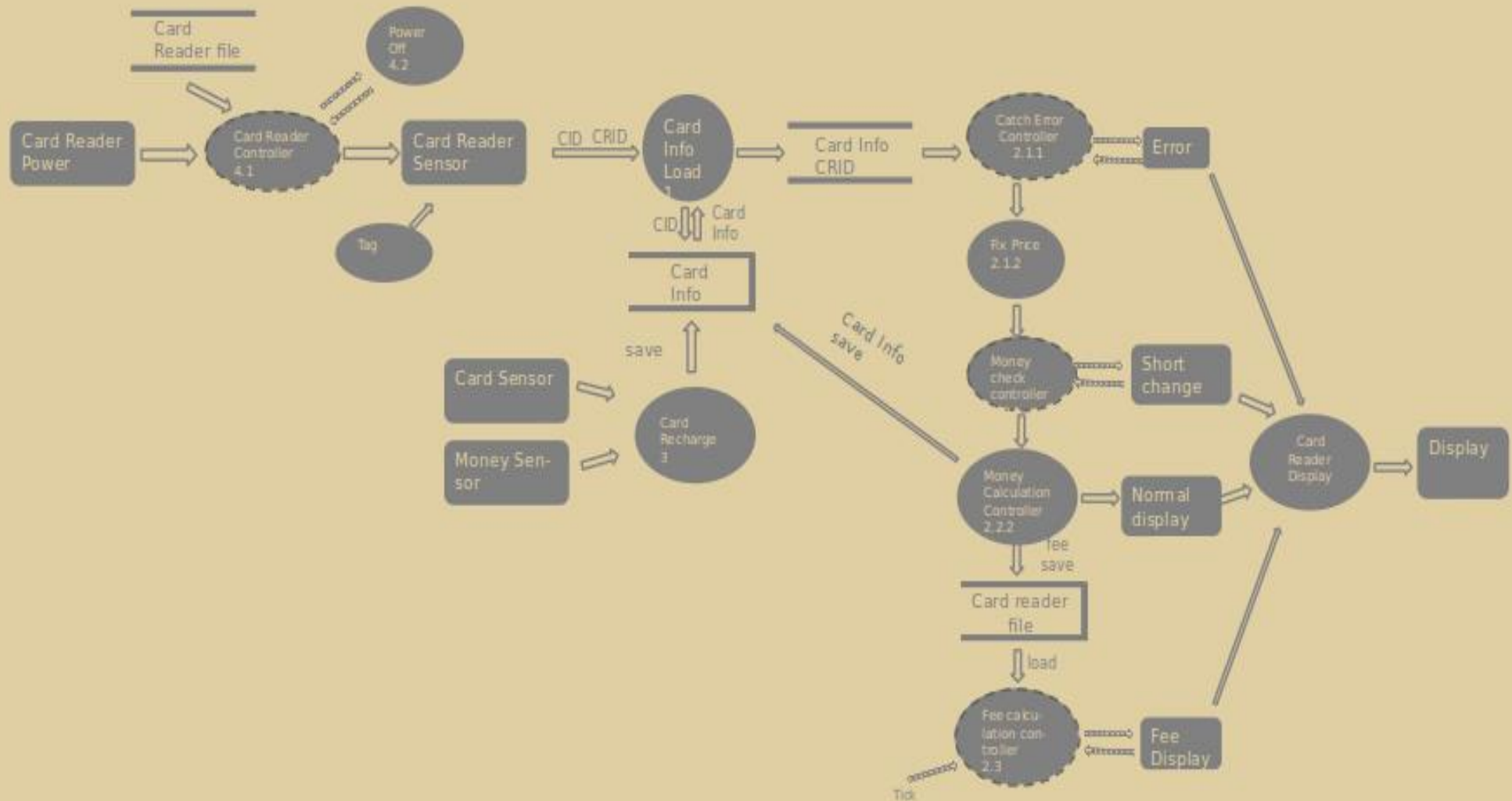
# Date Flow Diagram Lv3



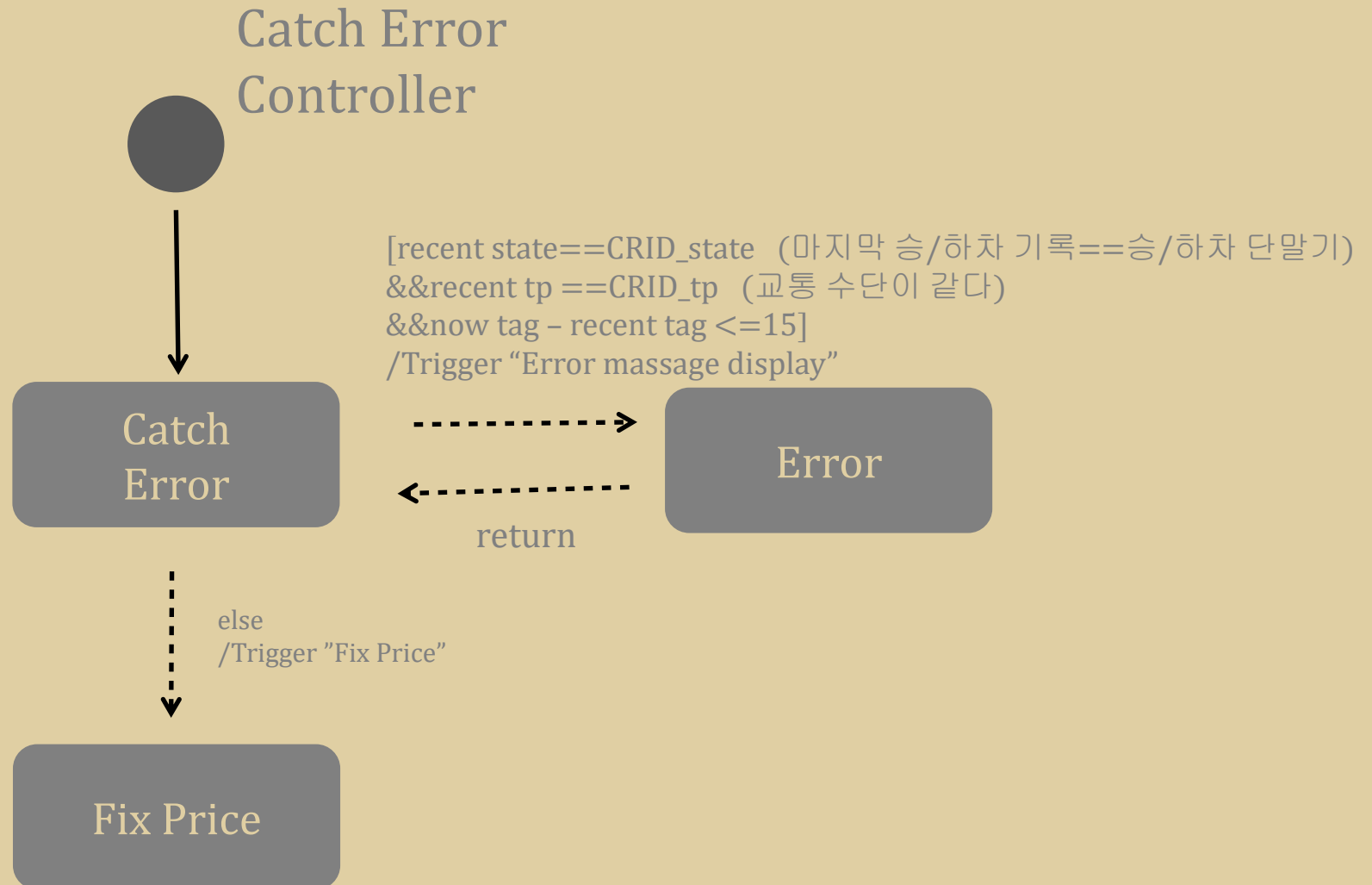
# Date Flow Diagram Lv3



# Date Flow Diagram



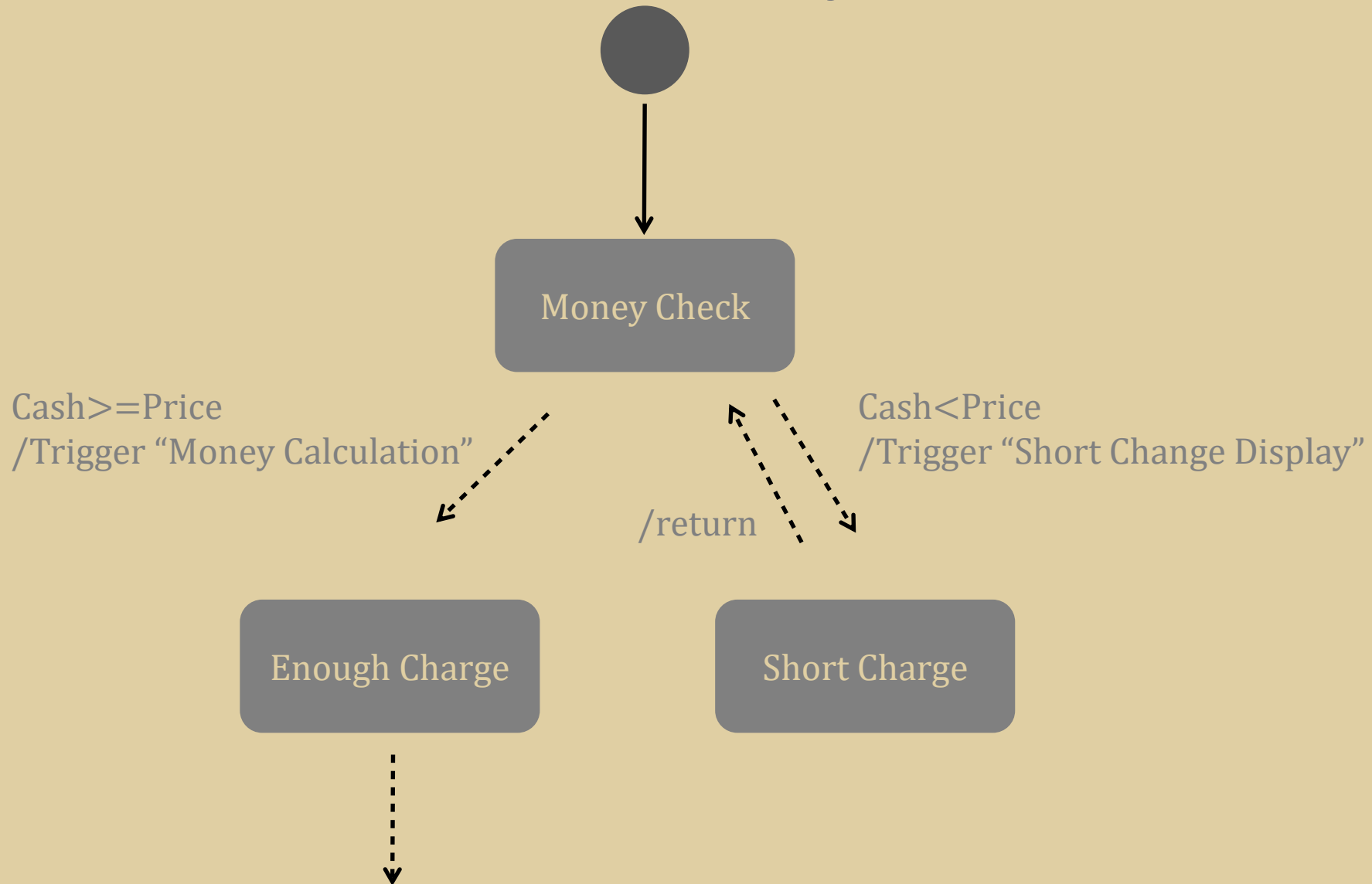
# State Transition Diagram



# State Transition Diagram

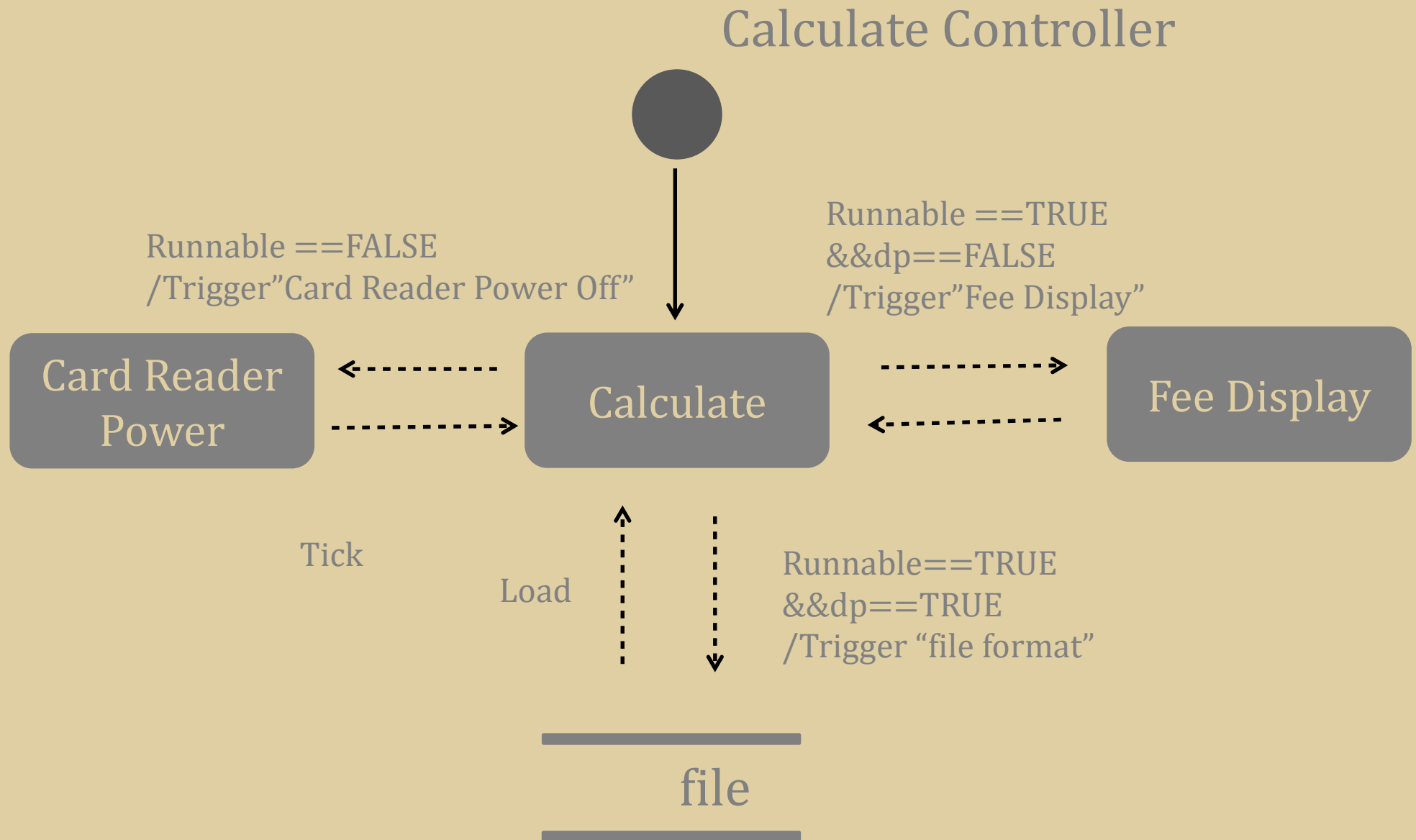
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## Money Check Controller





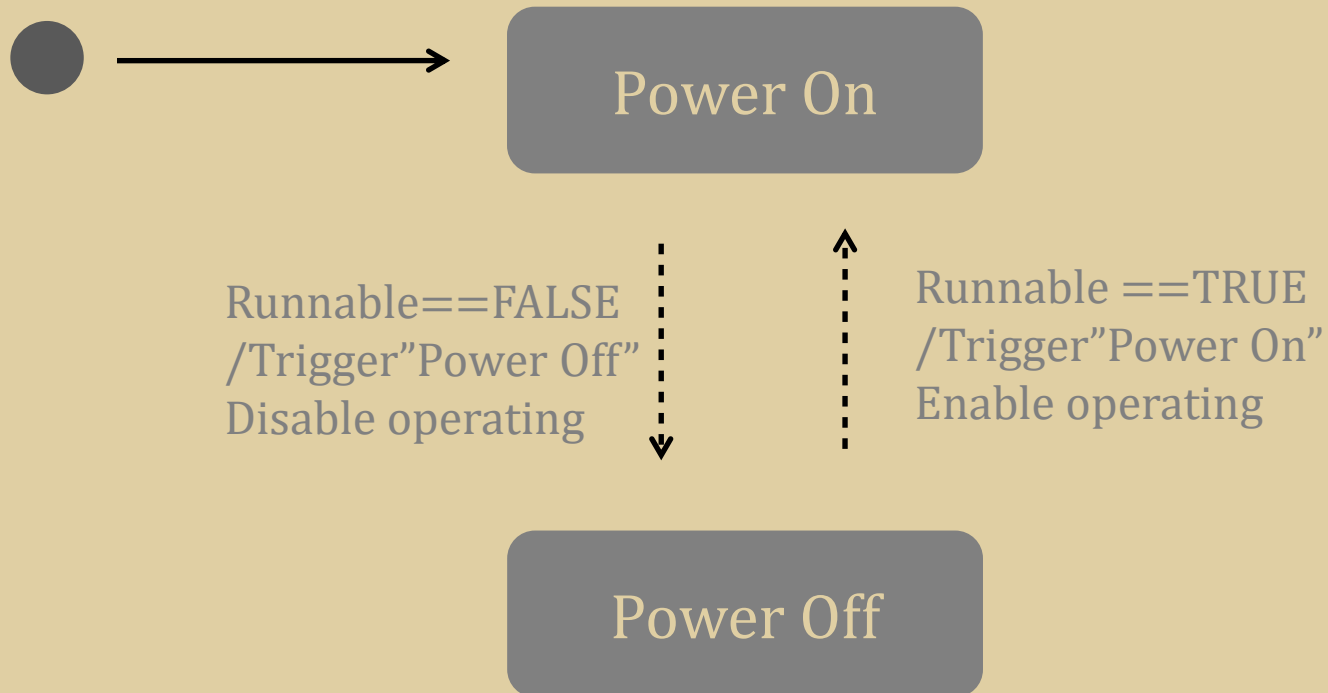
# State Transition Diagram



# State Transition Diagram

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## Card Reader Controller



**Q & A**

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Thank You