

Software Requirement Analysis for Public Transportation System

201311276 박형민

201311275 박상희

201311269 김제현

201311287 엄현식

I N D E X

- I** **Statement of Purpose**
- II** **System context diagram**
- III** **DFD(Data Flow Diagram)**
- IV** **STD(State transition Diagram)**

Statement of Purpose

1. No C

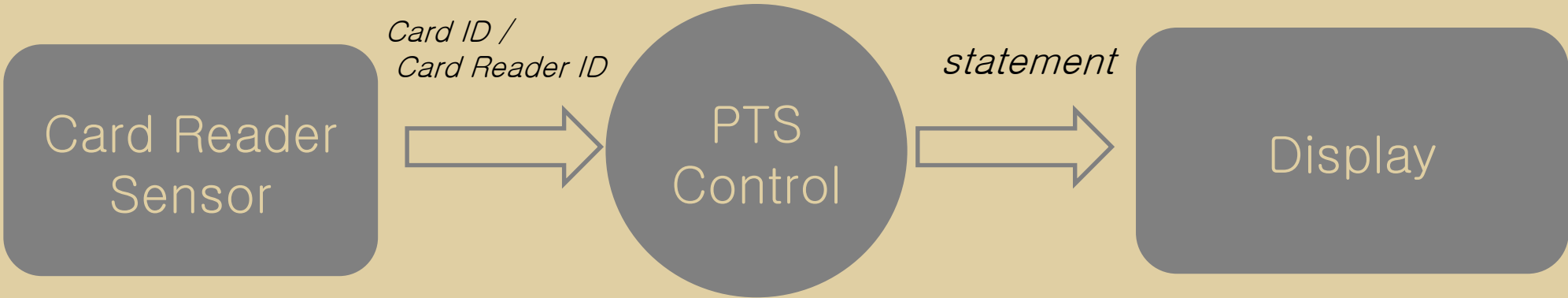
2. SRA Feed Back

System context diagram

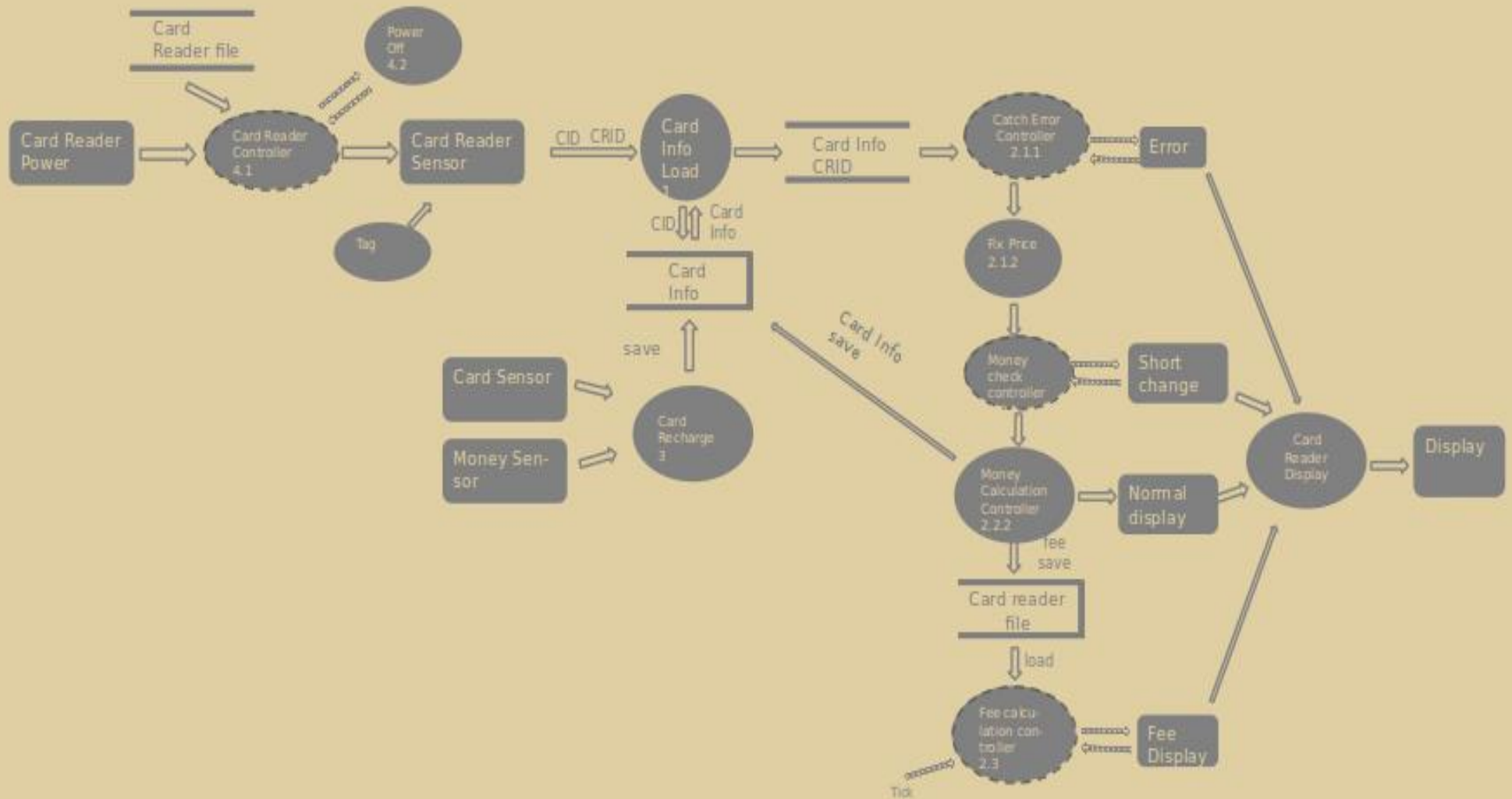
Tag를 함으로써
Card의 ID
Card Reader의 ID
를 넘겨준다.

부과 요금 계산
잔액 - 부과 요금
정산 등 내부 처리

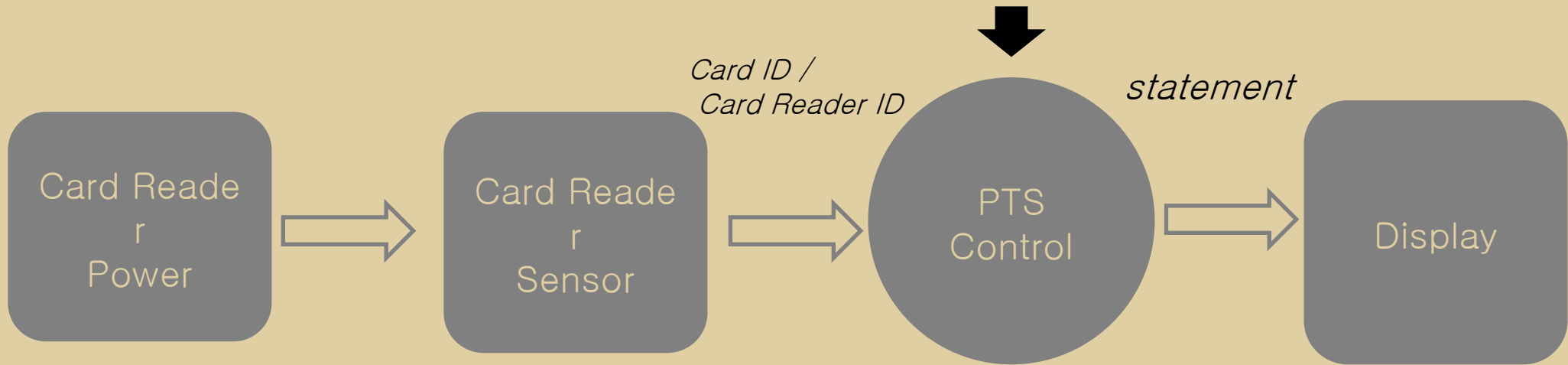
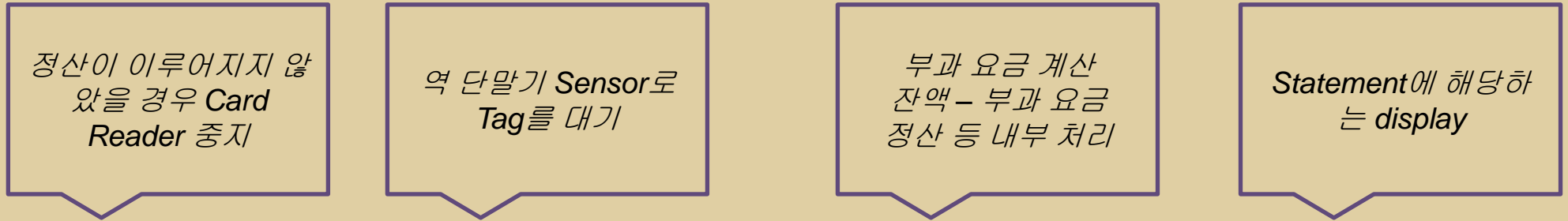
각 조건에 해당하는
Display를 출력



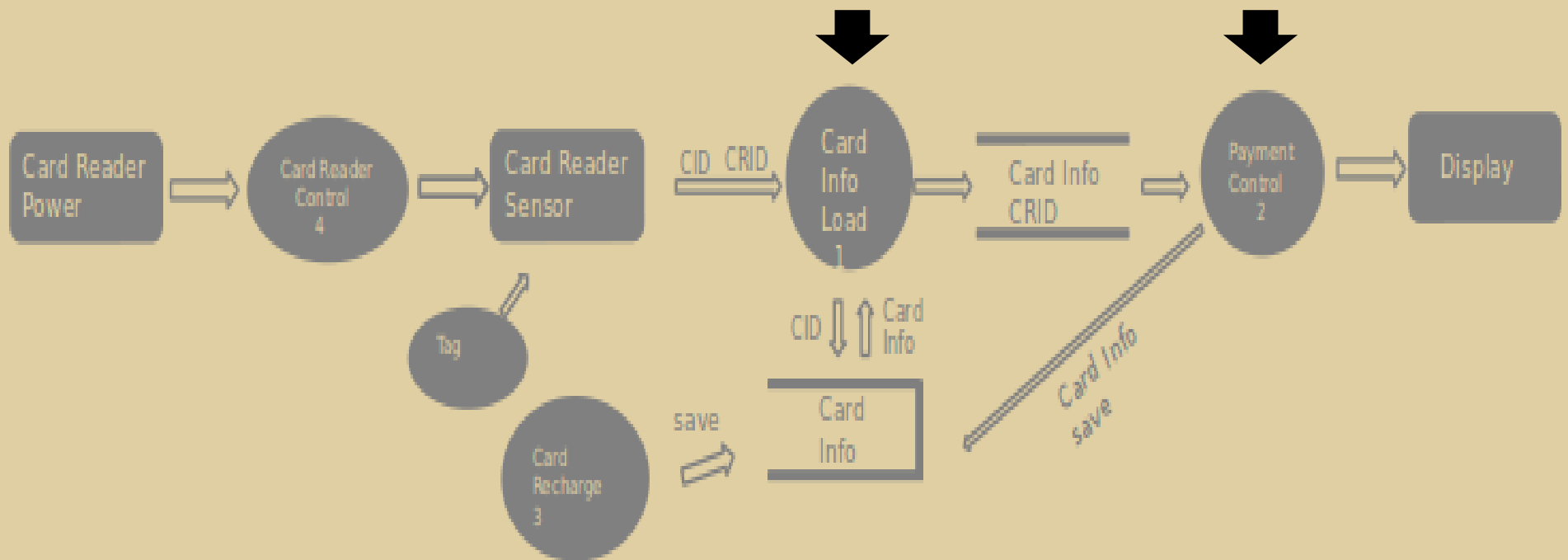
Date Flow Diagram



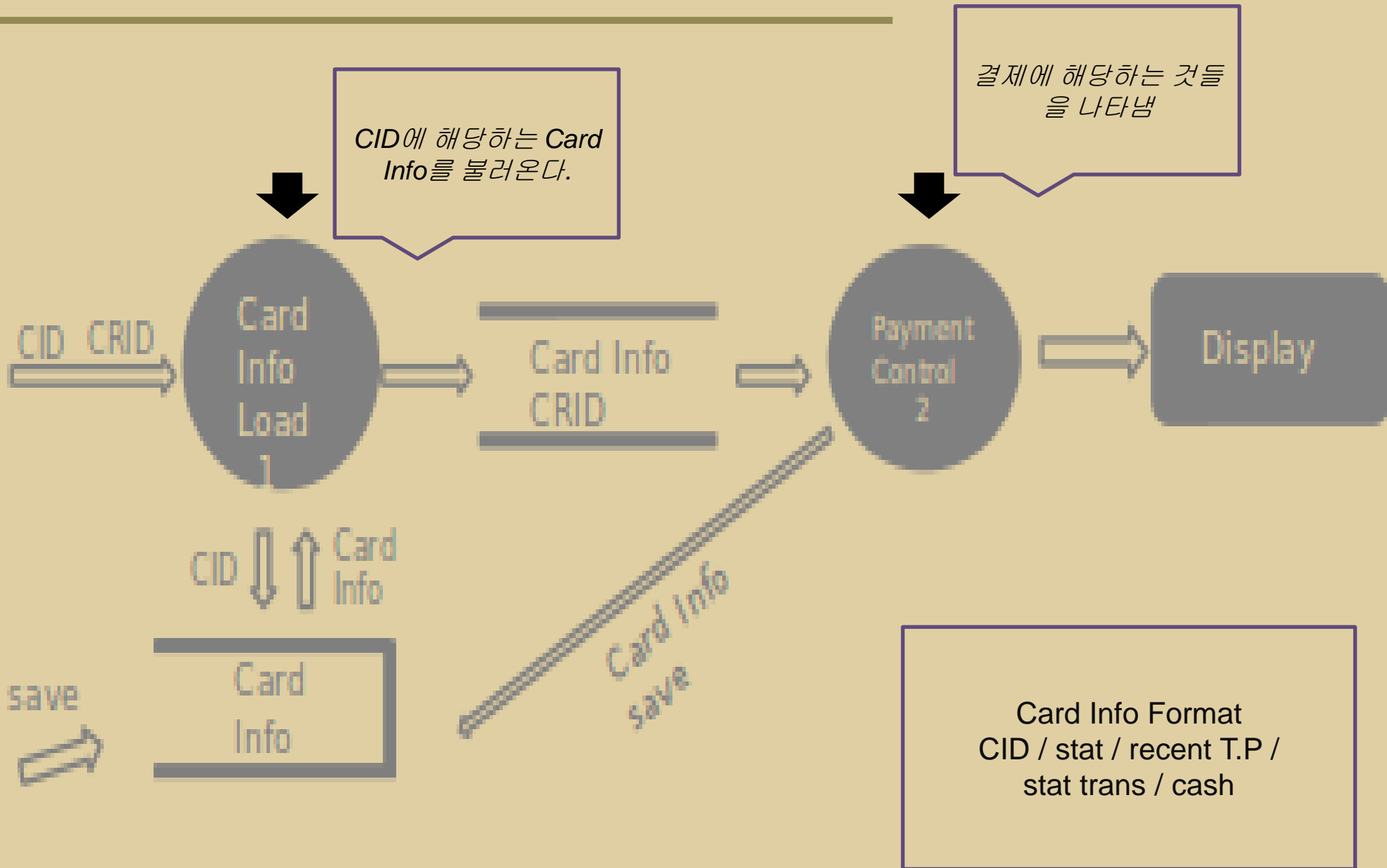
Date Flow Diagram Lv0



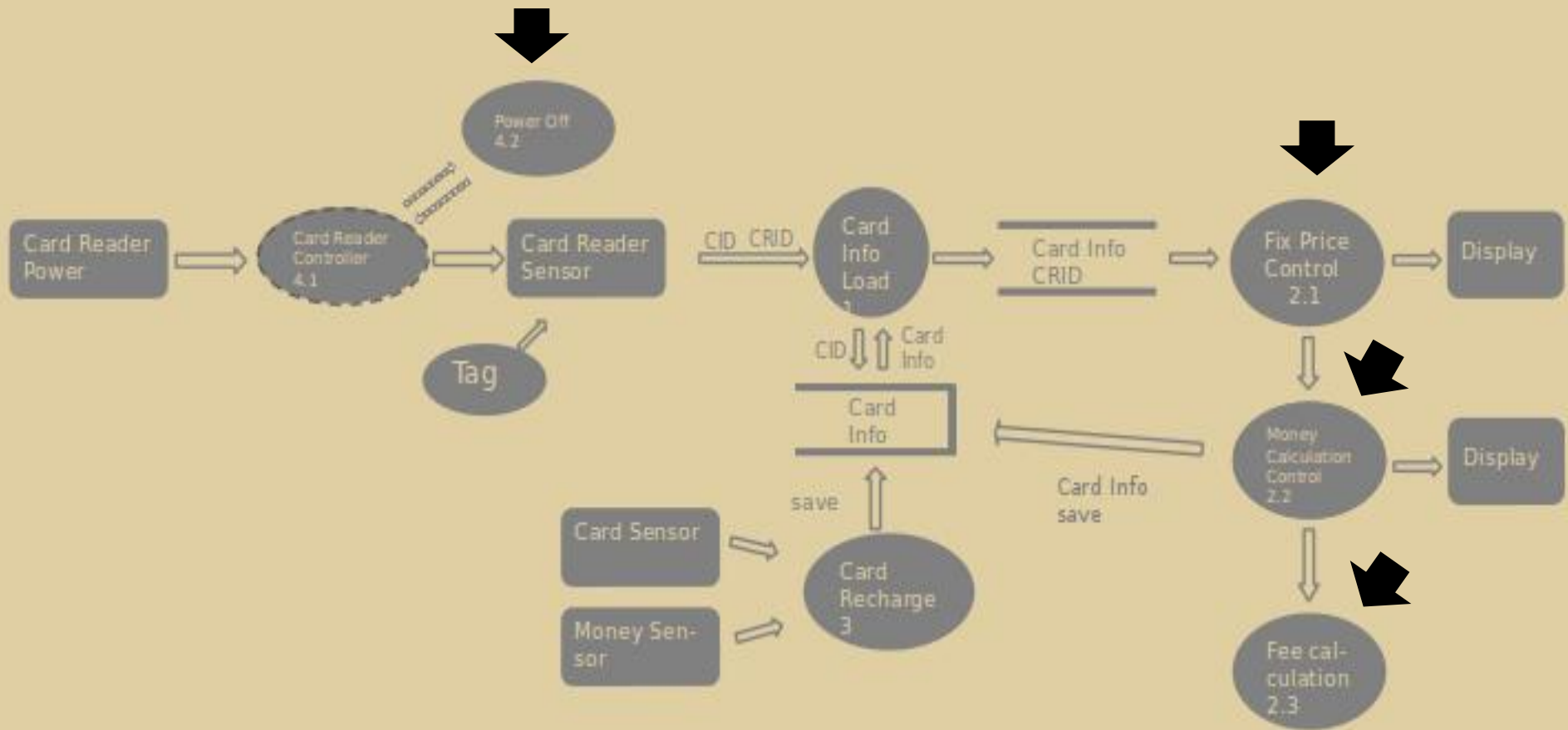
Date Flow Diagram Lv1



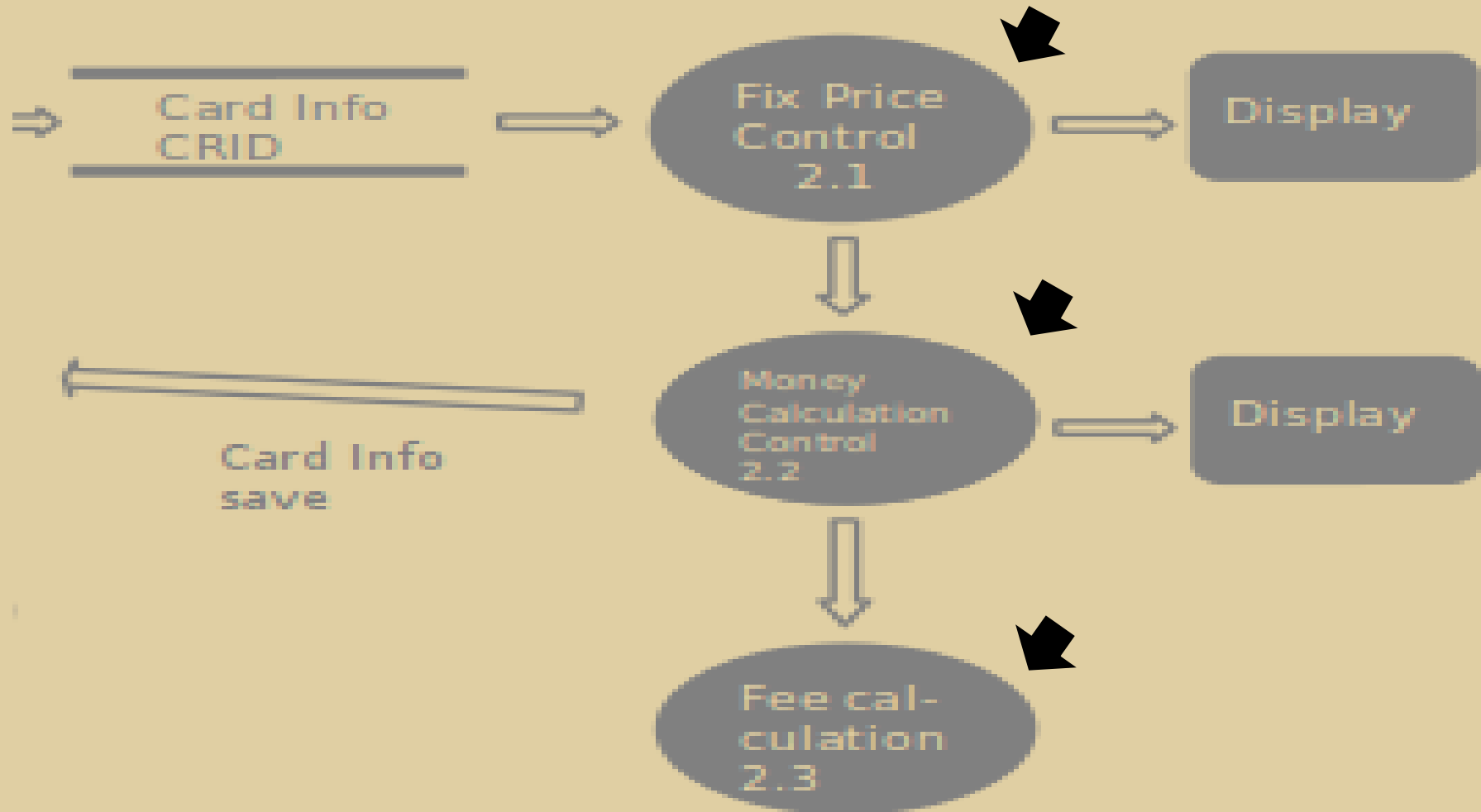
Date Flow Diagram Lv1



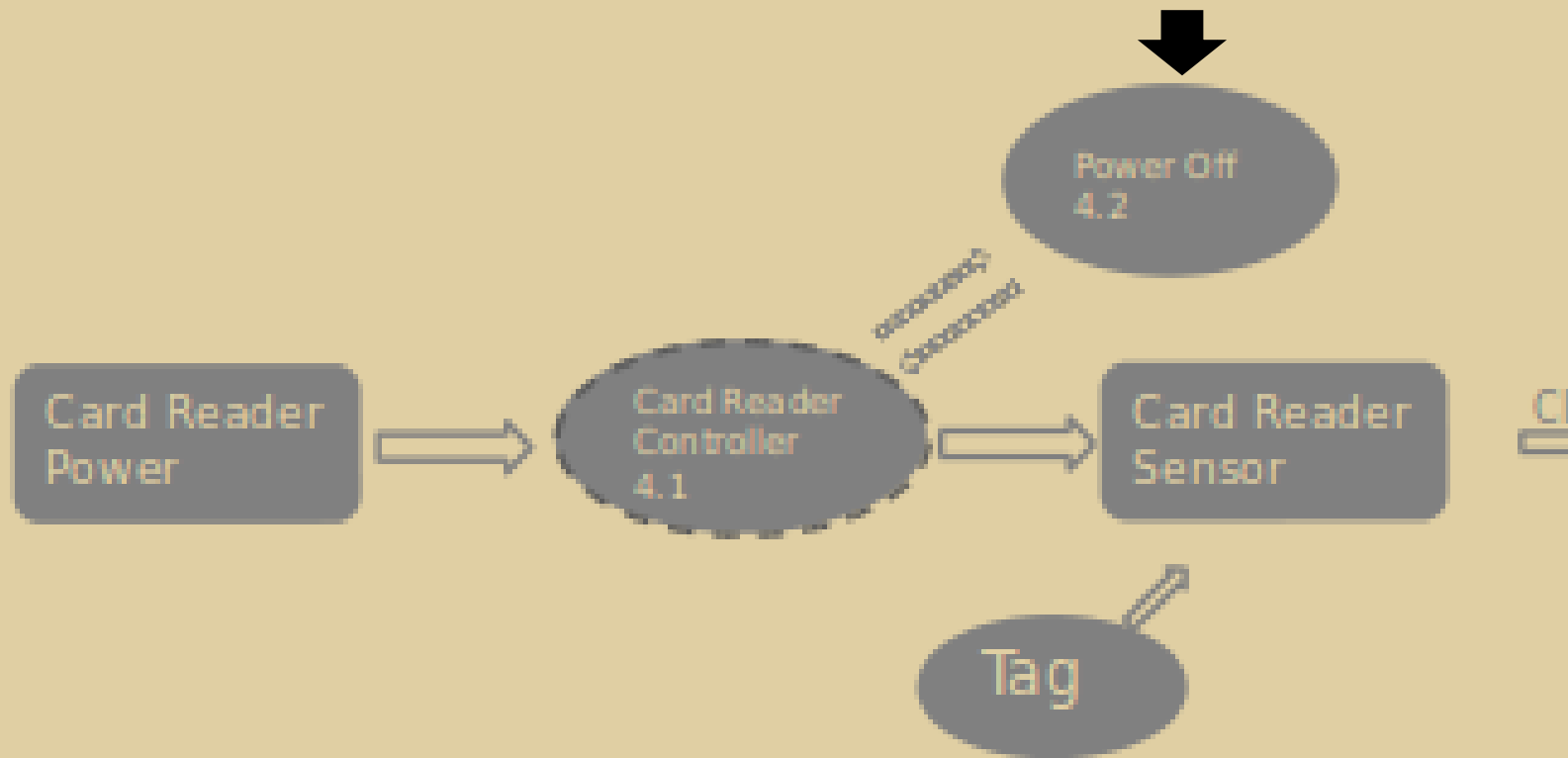
Date Flow Diagram Lv2



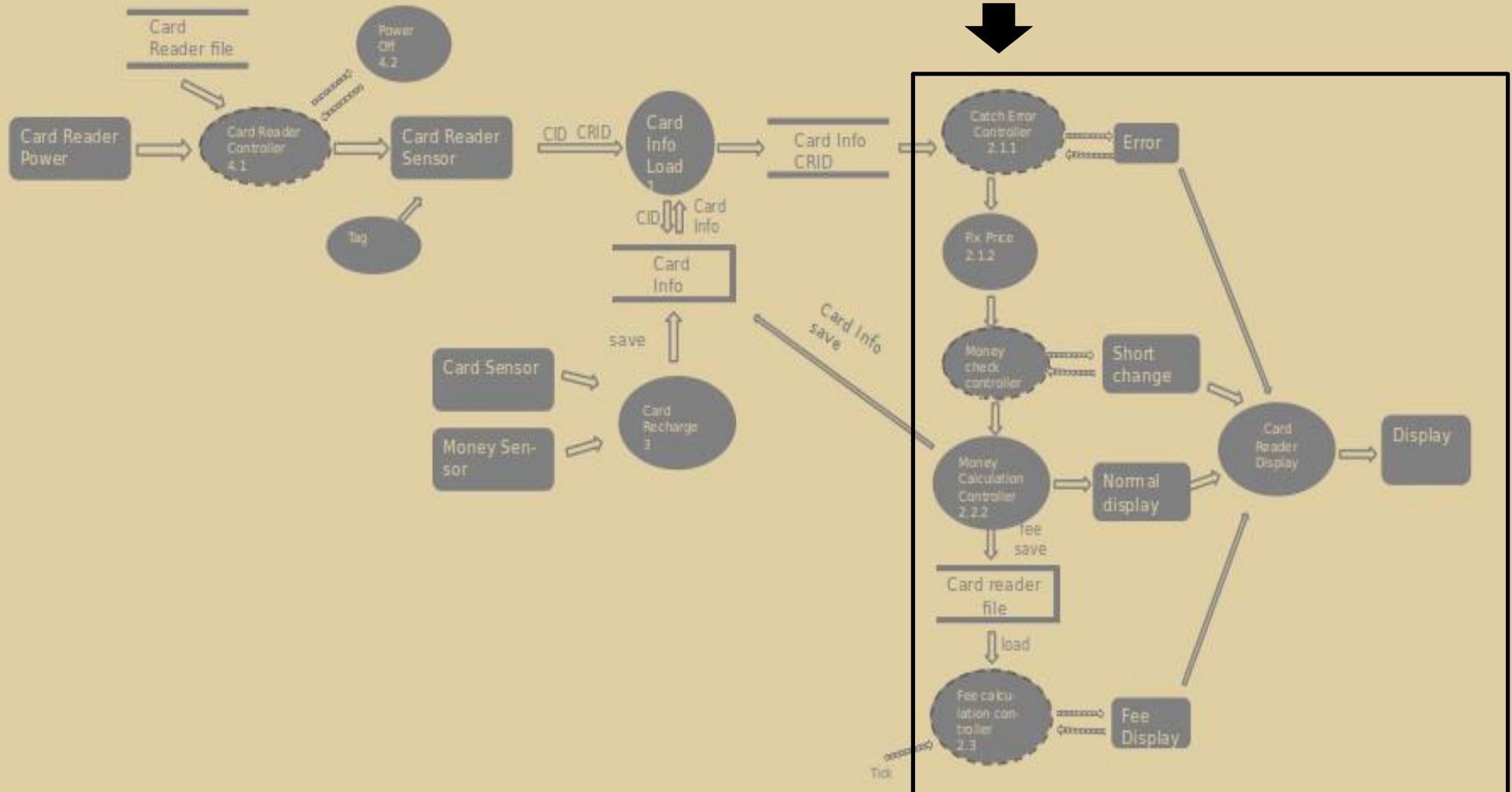
Date Flow Diagram Lv2



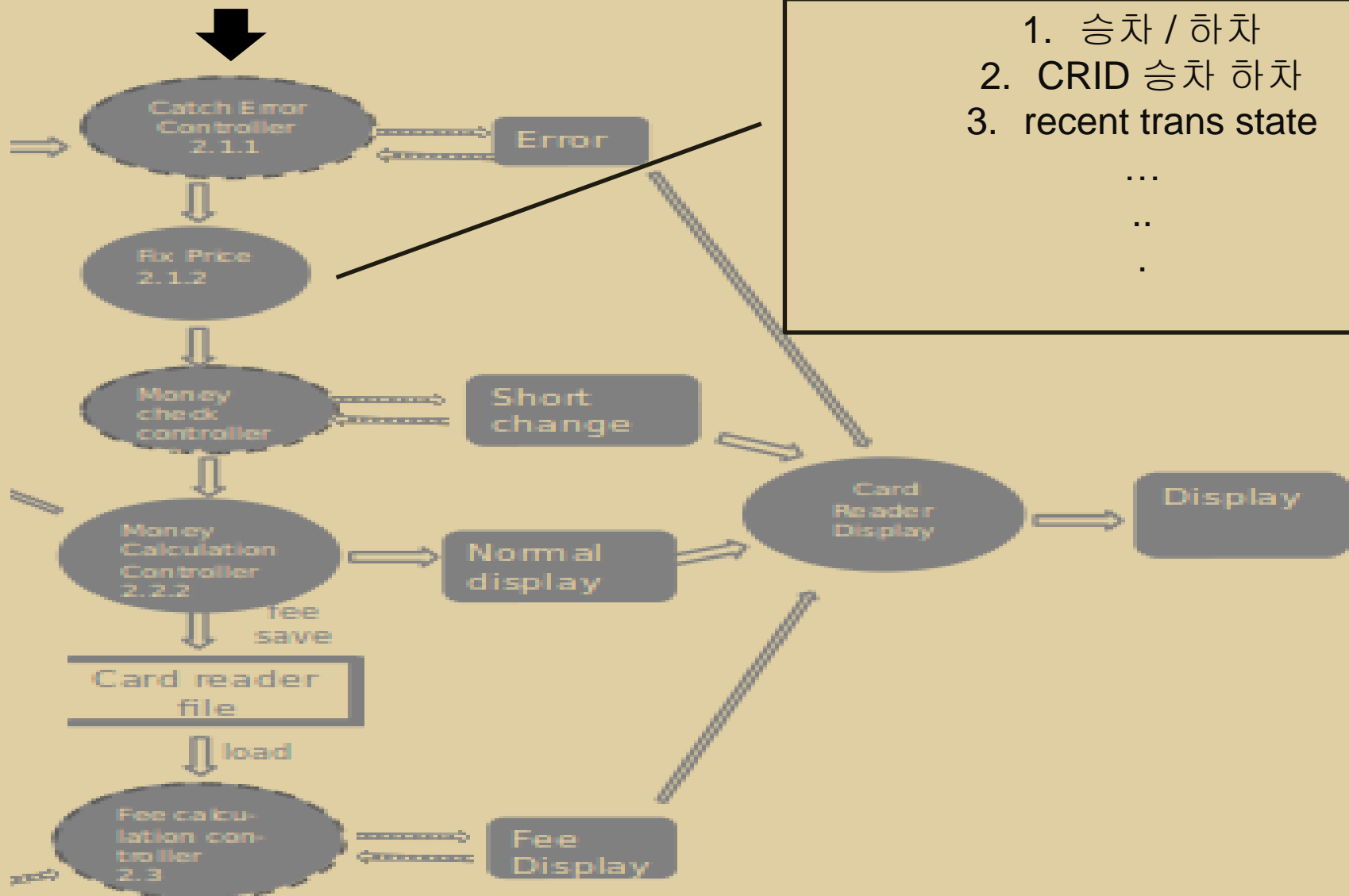
Date Flow Diagram Lv2



Date Flow Diagram Lv3

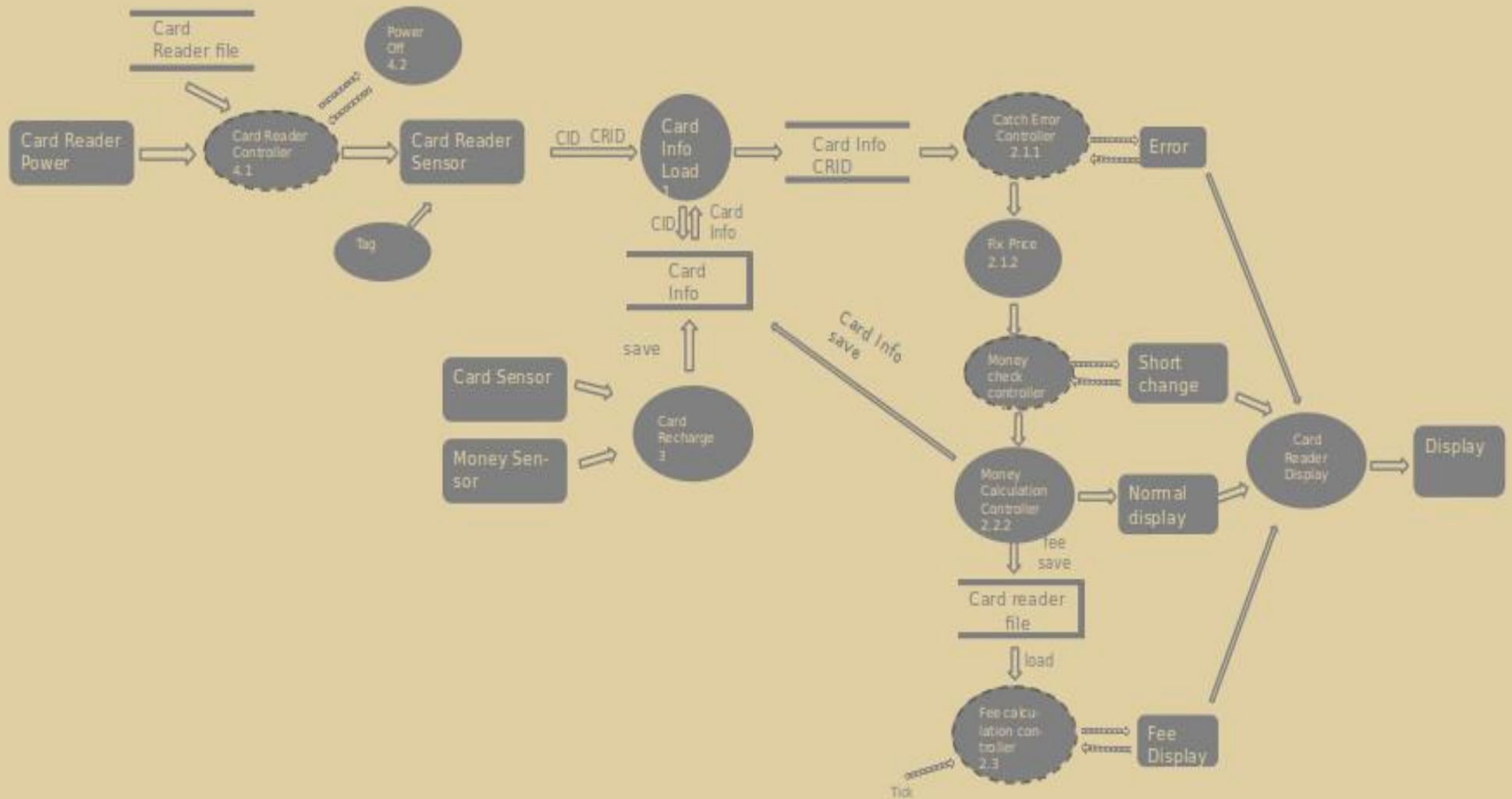


Date Flow Diagram Lv3

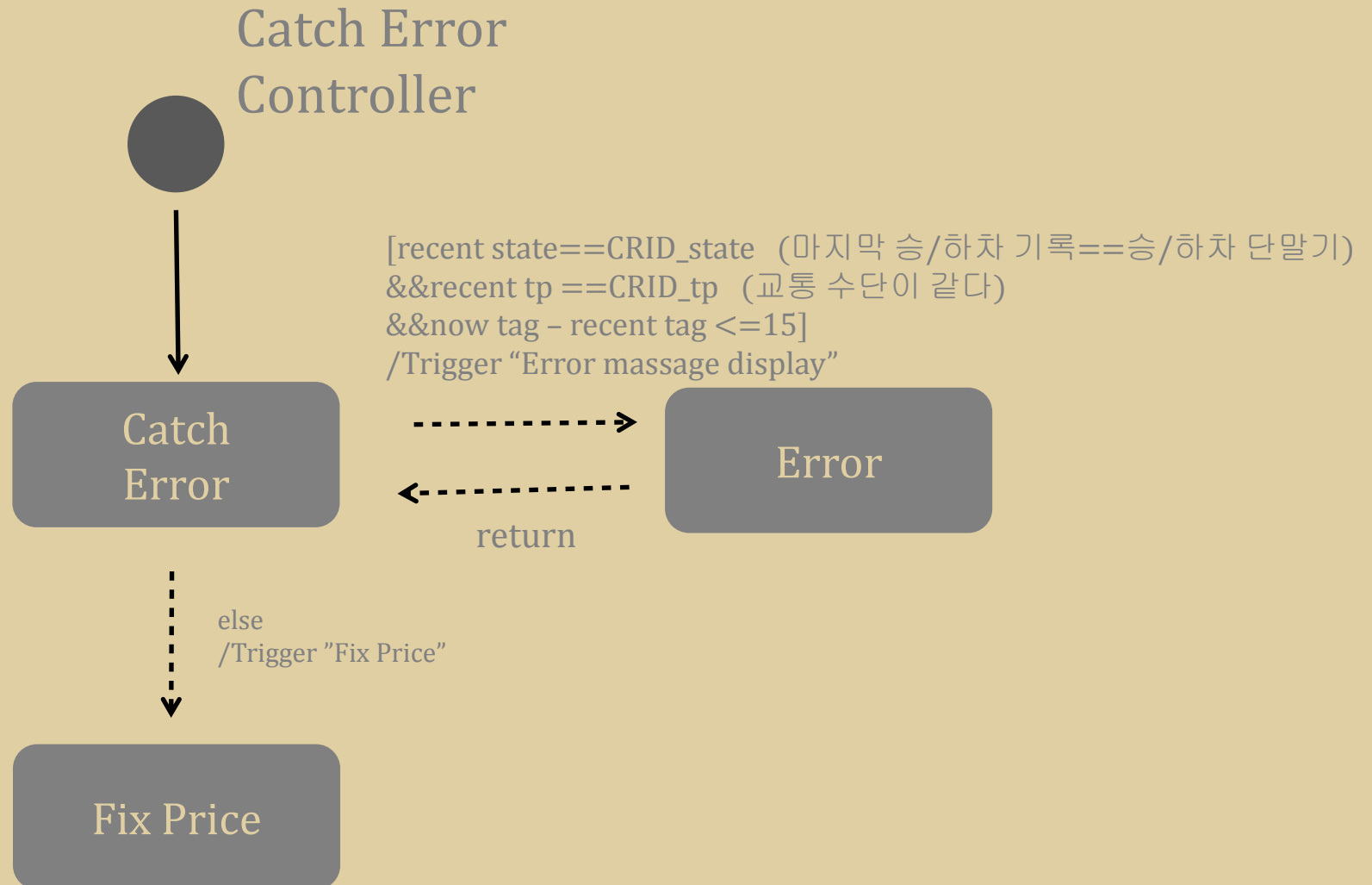


1. 승차 / 하차
2. CRID 승차 하차
3. recent trans state
- ...
- ..
- .

Date Flow Diagram

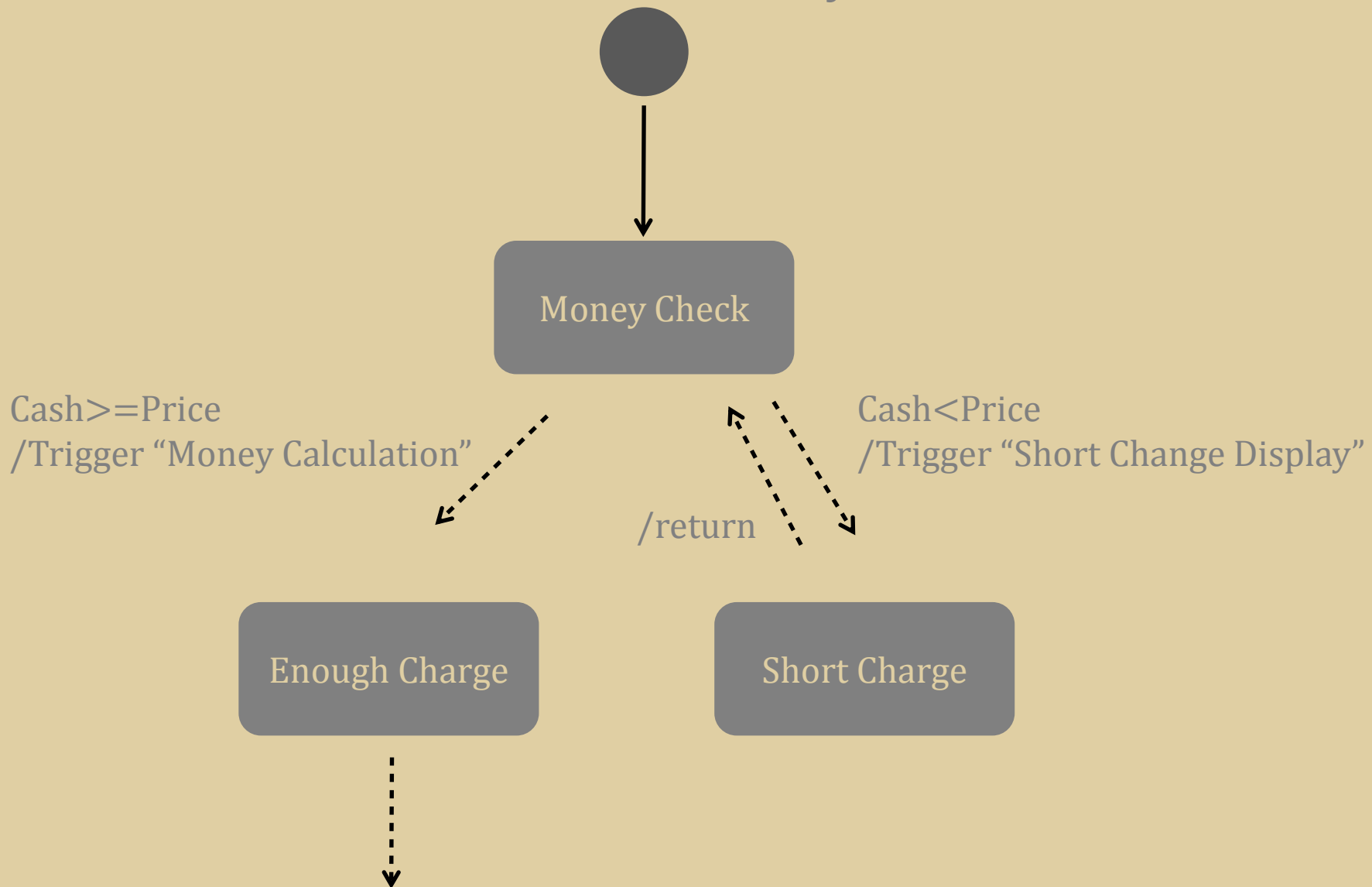


State Transition Diagram



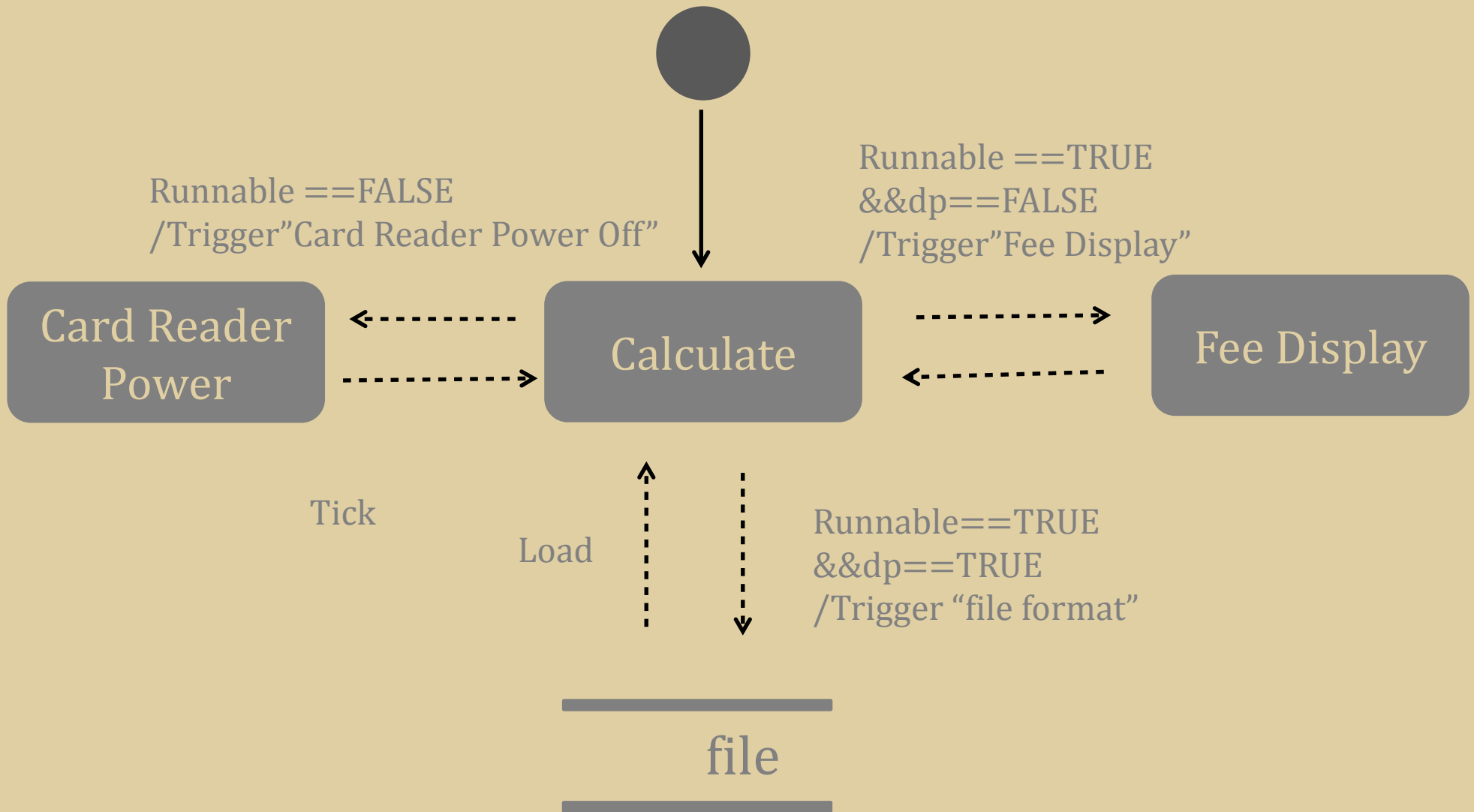
State Transition Diagram

Money Check Controller



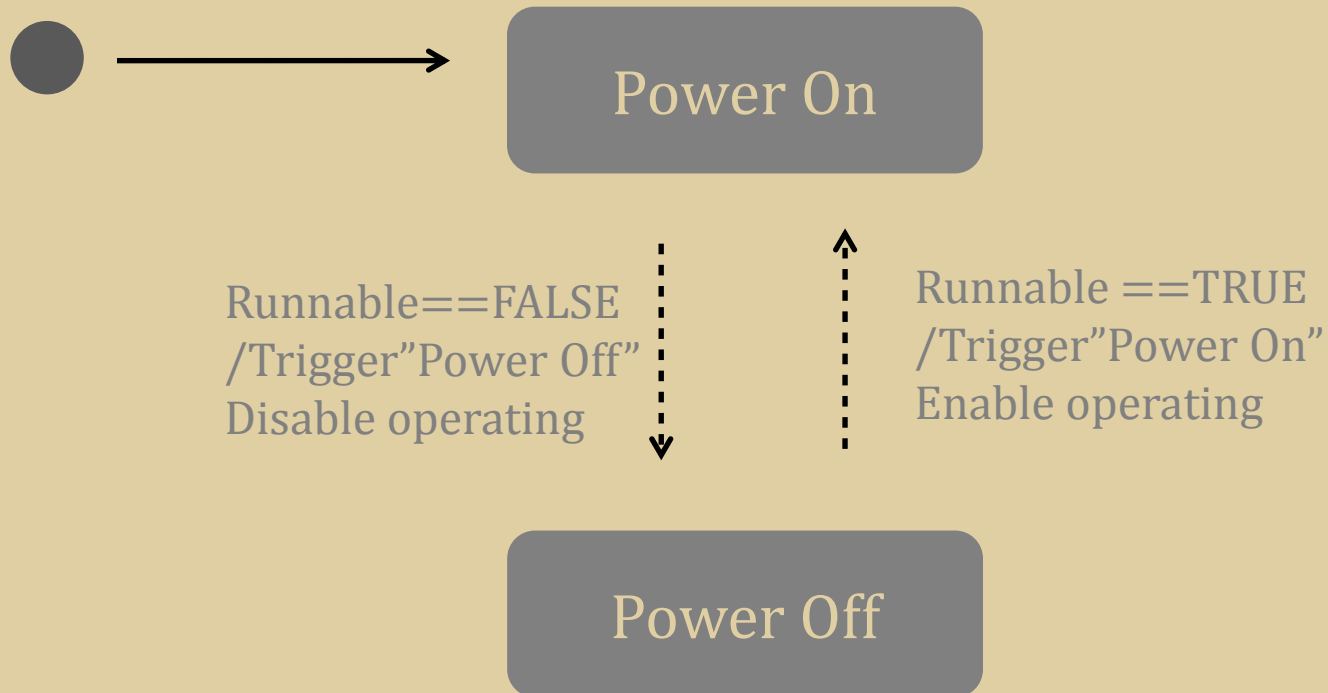
State Transition Diagram

Calculate Controller



State Transition Diagram

Card Reader Controller



Q & A

Thank You