

System Testing

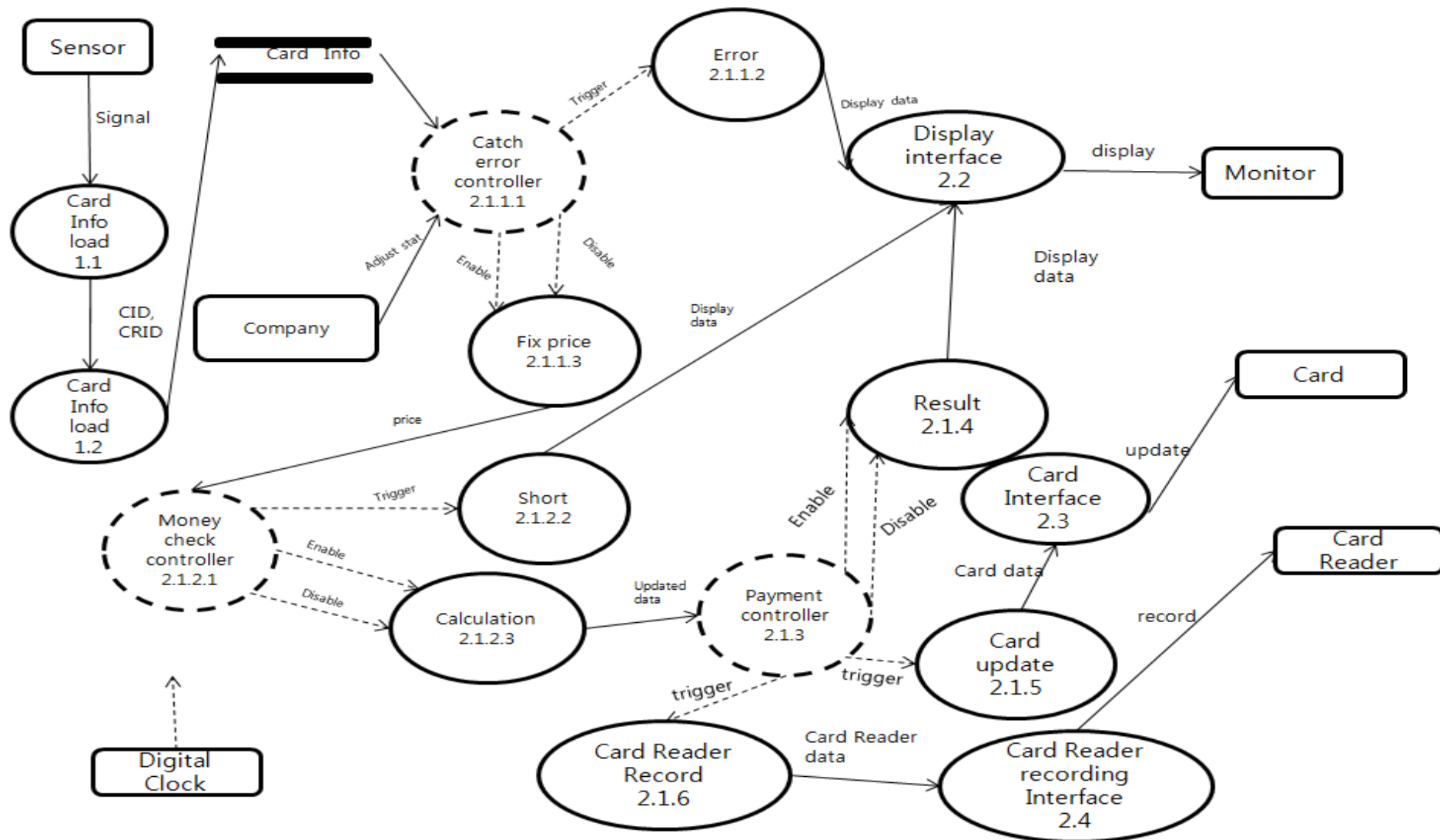
for Public Transportation System

201311269 김제헌
201311275 박상희
201311276 박형민
201311287 엄현식

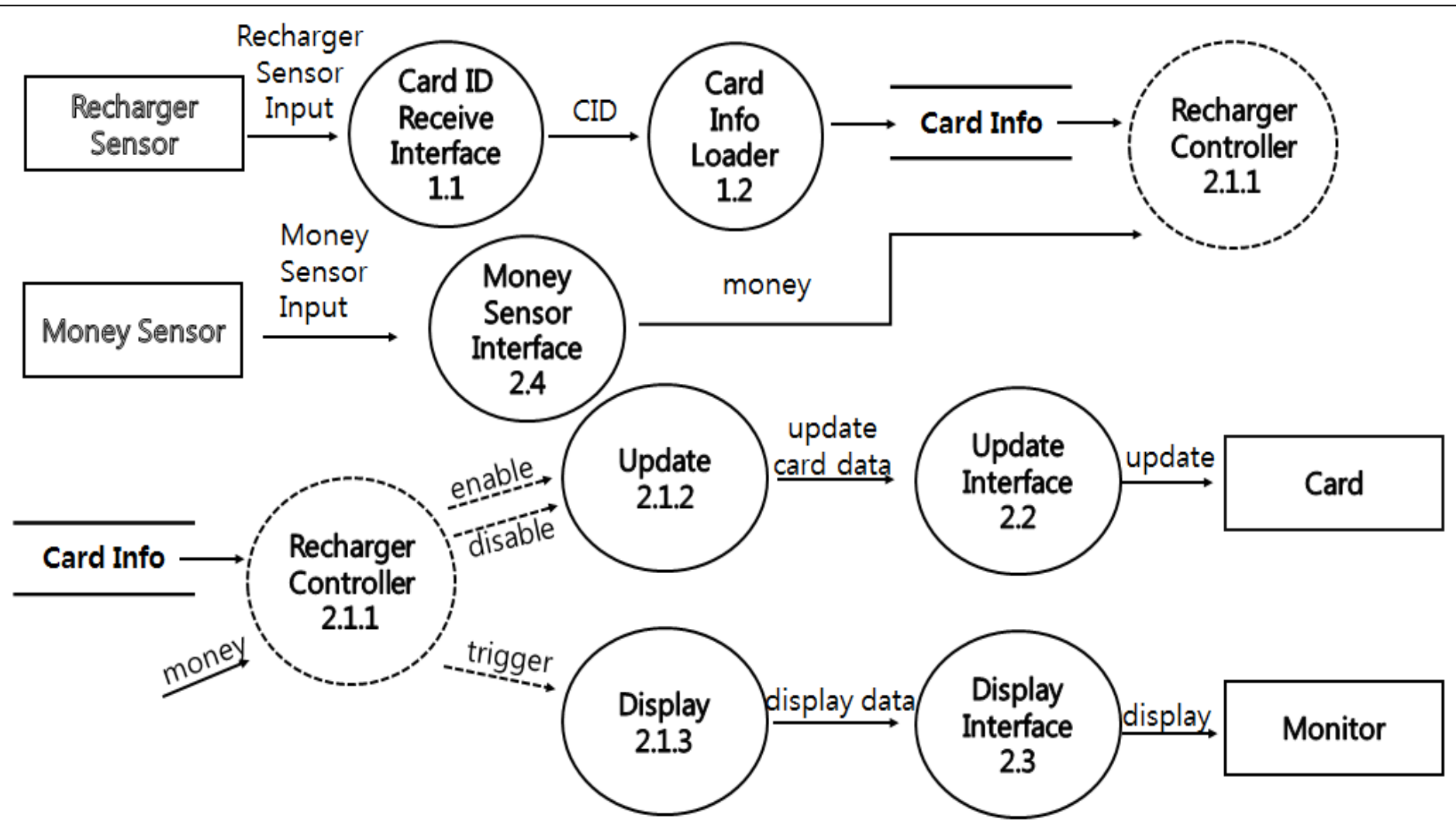
Table of Contents

1. SRA
2. SDS
3. System Test
4. Demo
5. Q&A

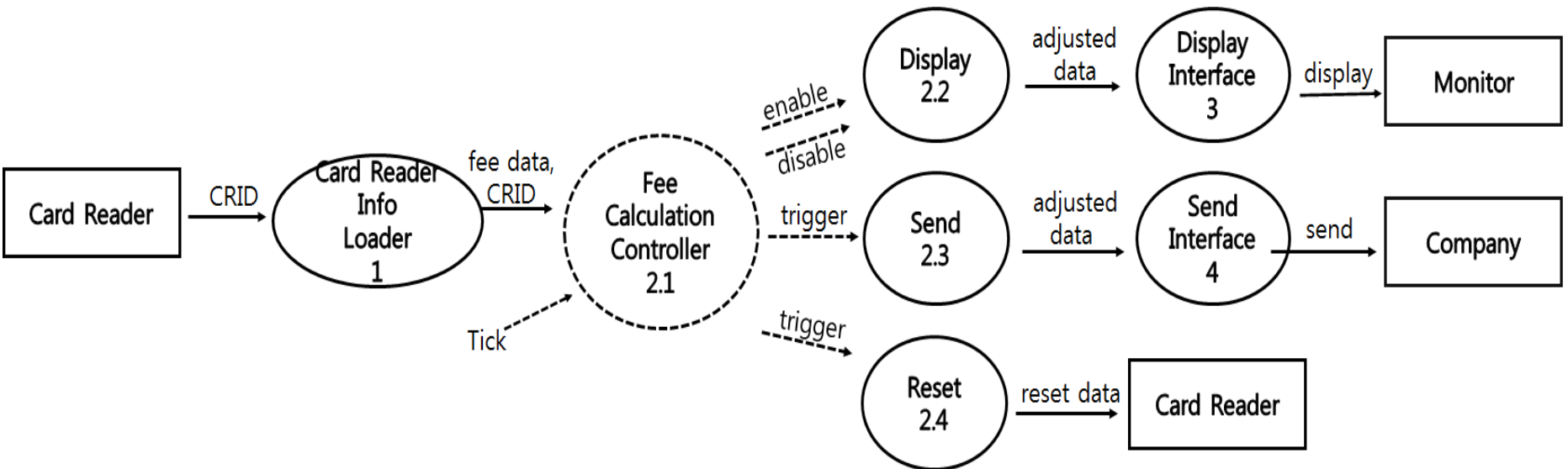
I. SRA - PTS



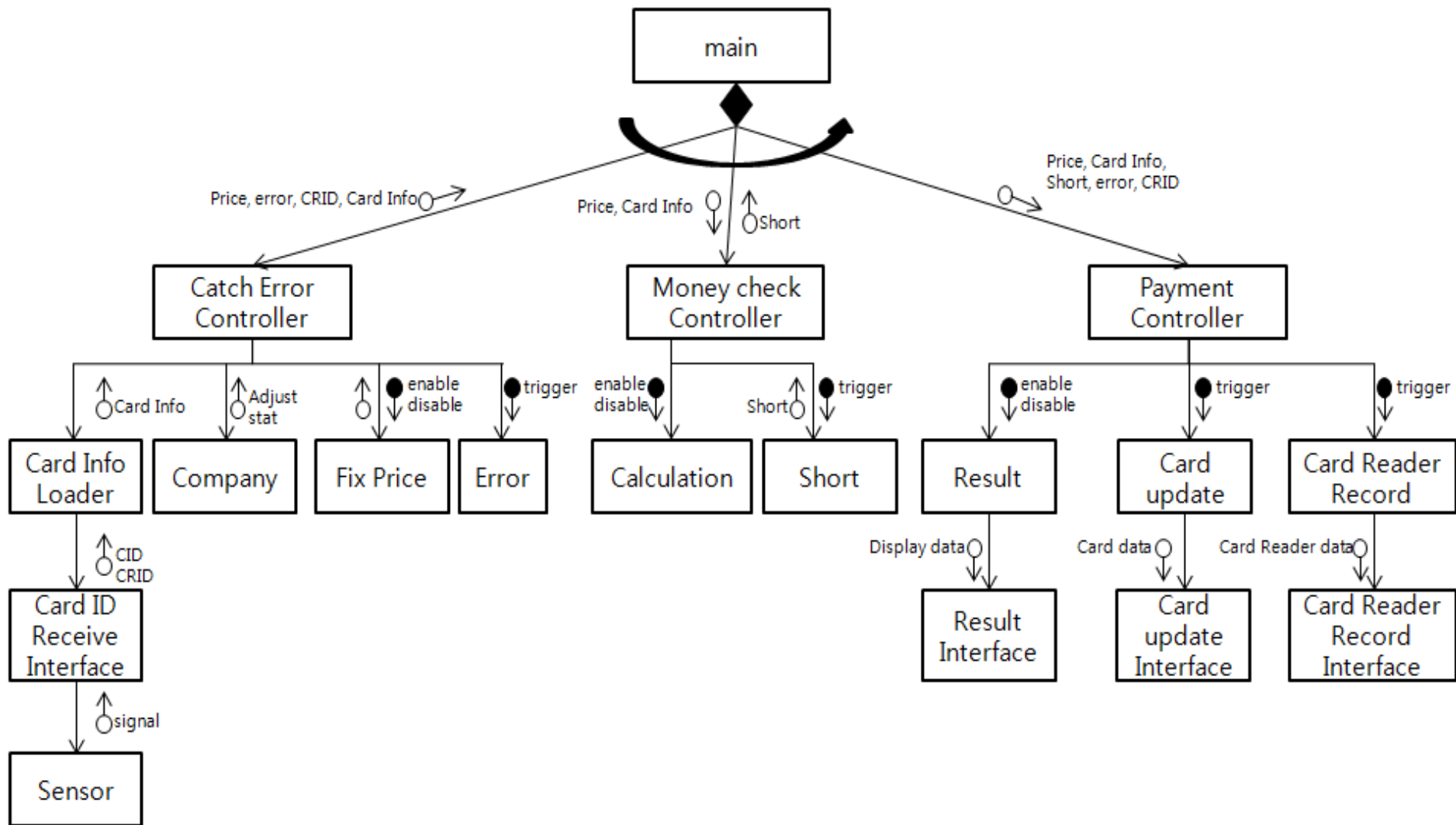
I. SRA – Recharger System



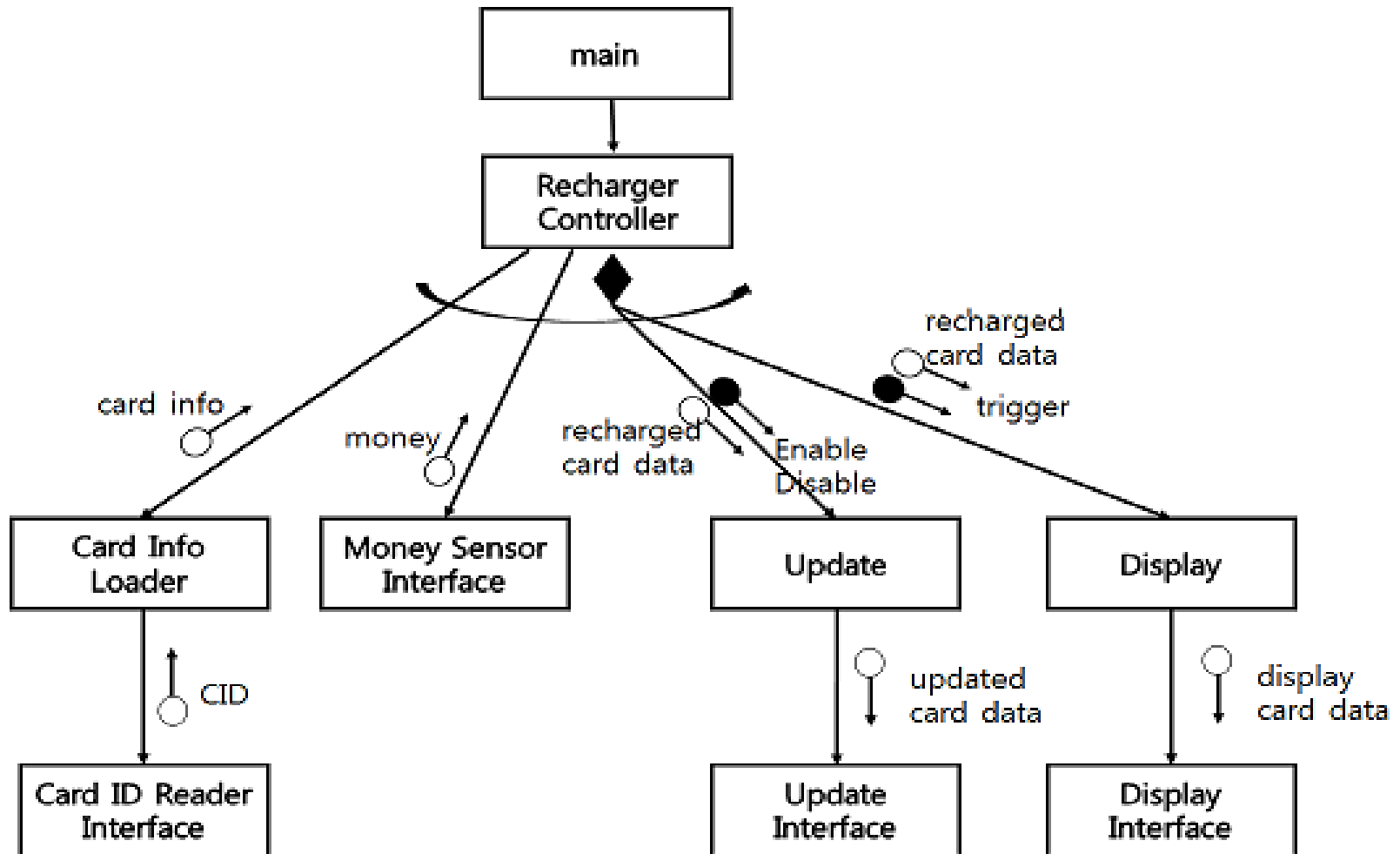
I. SRA – Fee Calculation System



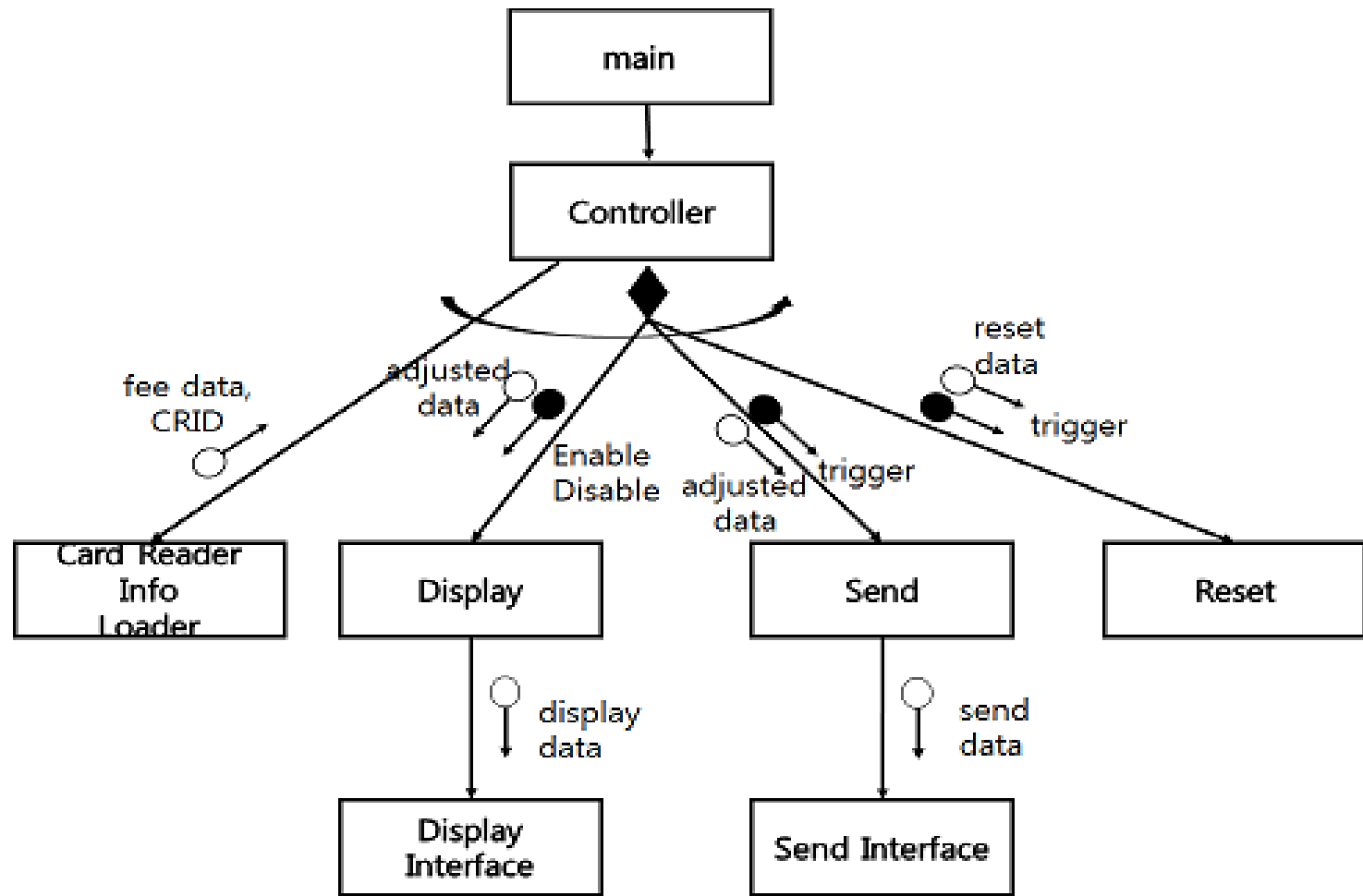
II. SDS – PTS(Advanced)



II. SDS – RS(Advanced)



II. SDS – FCS(Advanced)



III. System Test

PTS.STC.303.000 ^o	FAIL ^o
PTS.STC.304.000 ^o	PASS ^o
PTS.STC.305.000 ^o	FAIL ^o
PTS.STC.305.001 ^o	FAIL ^o
PTS.STC.305.002 ^o	FAIL ^o
PTS.STC.305.003 ^o	FAIL ^o
PTS.STC.305.004 ^o	FAIL ^o
PTS.STC.305.005 ^o	FAIL ^o
PTS.STC.305.006 ^o	FAIL ^o
PTS.STC.305.007 ^o	FAIL ^o
PTS.STC.305.008 ^o	FAIL ^o
PTS.STC.305.009 ^o	FAIL ^o
PTS.STC.305.010 ^o	FAIL ^o
PTS.STC.305.011 ^o	FAIL ^o
PTS.STC.305.012 ^o	FAIL ^o
PTS.STC.306.000 ^o	PASS ^o



PTS.STC.303.000 ^o	PASS ^o
PTS.STC.304.000 ^o	PASS ^o
PTS.STC.305.000 ^o	PASS ^o
PTS.STC.305.001 ^o	PASS ^o
PTS.STC.305.002 ^o	PASS ^o
PTS.STC.305.003 ^o	PASS ^o
PTS.STC.305.004 ^o	PASS ^o
PTS.STC.305.005 ^o	PASS ^o
PTS.STC.305.006 ^o	PASS ^o
PTS.STC.305.007 ^o	PASS ^o
PTS.STC.305.008 ^o	PASS ^o
PTS.STC.305.009 ^o	PASS ^o
PTS.STC.305.010 ^o	PASS ^o
PTS.STC.305.011 ^o	PASS ^o
PTS.STC.305.012 ^o	PASS ^o
PTS.STC.306.000 ^o	PASS ^o

- 시그윈에서 정산 시 데이터를 불러들이는 방식이 달라서 정산 시 오류가 났습니다.(시그윈은 이어서 저장한다.) 그래서 읽는 방식을 수정하였습니다.
- Time.h에 있는 mktime함수 사용시 값의 손실이 일어나는 경우가 있어서 새로운 함수를 만들어 대체 사용하였습니다.

III. System Test

PTS.STC.702.000 ²	FAIL ²
PTS.STC.703.001 ²	FAIL ²
PTS.STC.704.000 ²	PASS ²
PTS.STC.704.001 ²	PASS ²
PTS.STC.704.002 ²	PASS ²
PTS.STC.704.003 ²	PASS ²
PTS.STC.704.004 ²	PASS ²
PTS.STC.704.005 ²	PASS ²
PTS.STC.705.000 ²	FAIL ²
PTS.STC.705.001 ²	FAIL ²
PTS.STC.705.002 ²	FAIL ²
PTS.STC.705.003 ²	FAIL ²
PTS.STC.705.004 ²	FAIL ²
PTS.STC.705.005 ²	FAIL ²



PTS.STC.702.000 ²	FAIL ²
PTS.STC.703.001 ²	FAIL ²
PTS.STC.704.000 ²	PASS ²
PTS.STC.704.001 ²	PASS ²
PTS.STC.704.002 ²	PASS ²
PTS.STC.704.003 ²	PASS ²
PTS.STC.704.004 ²	PASS ²
PTS.STC.704.005 ²	PASS ²
PTS.STC.705.000 ²	FAIL ²
PTS.STC.705.001 ²	FAIL ²
PTS.STC.705.002 ²	FAIL ²
PTS.STC.705.003 ²	FAIL ²
PTS.STC.705.004 ²	FAIL ²
PTS.STC.705.005 ²	FAIL ²

- 단말기 정보를 ' , '로 구분하는 것이 SRS에 있었으나 이미 TAB을 통해 구현하고 차이가 없다고 생각하여 수정을 하지 않았습니다.
- ID_Count가 SRS에 있었으나 사용하는 것이 비 효율적이어서 사용의 의미를 찾을 수 없어서 사용하지 않았습니다.
- 환승시 이전 단말기의 정보를 저장한다라는 것이 SRS에 있었으나 이 역시 사용의 의미를 찾을 수 없어서 사용하지 않았습니다.

IV. Demo

Q&A

A thick red line is drawn diagonally across the text 'Q&A', starting from the bottom left of the 'Q' and extending towards the bottom right of the 'A'.

Thank

YOU