

테스트 결과 대응서

Public Transportation System

Team 6

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- ✓ 201111339 김민우
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System test

- ✓ Program Description
- ✓ Invalid Test Case Identification

System test result











- ✓ 변경 사항
- ✓ Test Result 대응







System test

- ✓ Program Description
- ✓ Invalid Test Case Identification

Program Description

Description














-  Bus1
-  calcul
-  clock
-  exe
-  manual
-  Sub1
-  Sub2
-  Sub3
-  Sub4
-  Sub5

-  card1.txt
-  card2.txt
-  card3.txt
-  card4.txt
-  card5.txt
-  card6.txt

✓ Simulation

Program Description

Description

 Bus1 calcul clock exe manual Sub1 Sub2 Sub3 Sub4 Sub5 card1.txt card2.txt card3.txt card4.txt card5.txt card6.txt

✓ ex. 어떠한 상황에 대해 test하고 싶을때

Invalid Test Case Identification

버스 환승

Identifier	Function	Valid / Invalid value
PTS_STC_001_002	Check Transfer == True	INVALID
PTS_STC_001_003	Check Transfer == false	INVALID
PTS_STC_002_001	$(\text{Tagger.prevTime} + \text{time}) \geq \text{Tagger.nextTime}$	INVALID
PTS_STC_002_002	$(\text{Tagger.prevTime} + \text{time}) \leq \text{Tagger.nextTime}$	INVALID

Invalid Test Case Identification

지하철 환승

Identifier	Function	Valid / Invalid value
PTS_STC_004_002	Check Transfer == True	INVALID
PTS_STC_004_003	Check Transfer == false	INVALID
PTS_STC_005_001	$(\text{Tagger.prevTime} + \text{time}) \geq \text{Tagger.nextTime}$	INVALID
PTS_STC_005_002	$(\text{Tagger.prevTime} + \text{time}) \leq \text{Tagger.nextTime}$	INVALID

Invalid Test Case Identification

정산

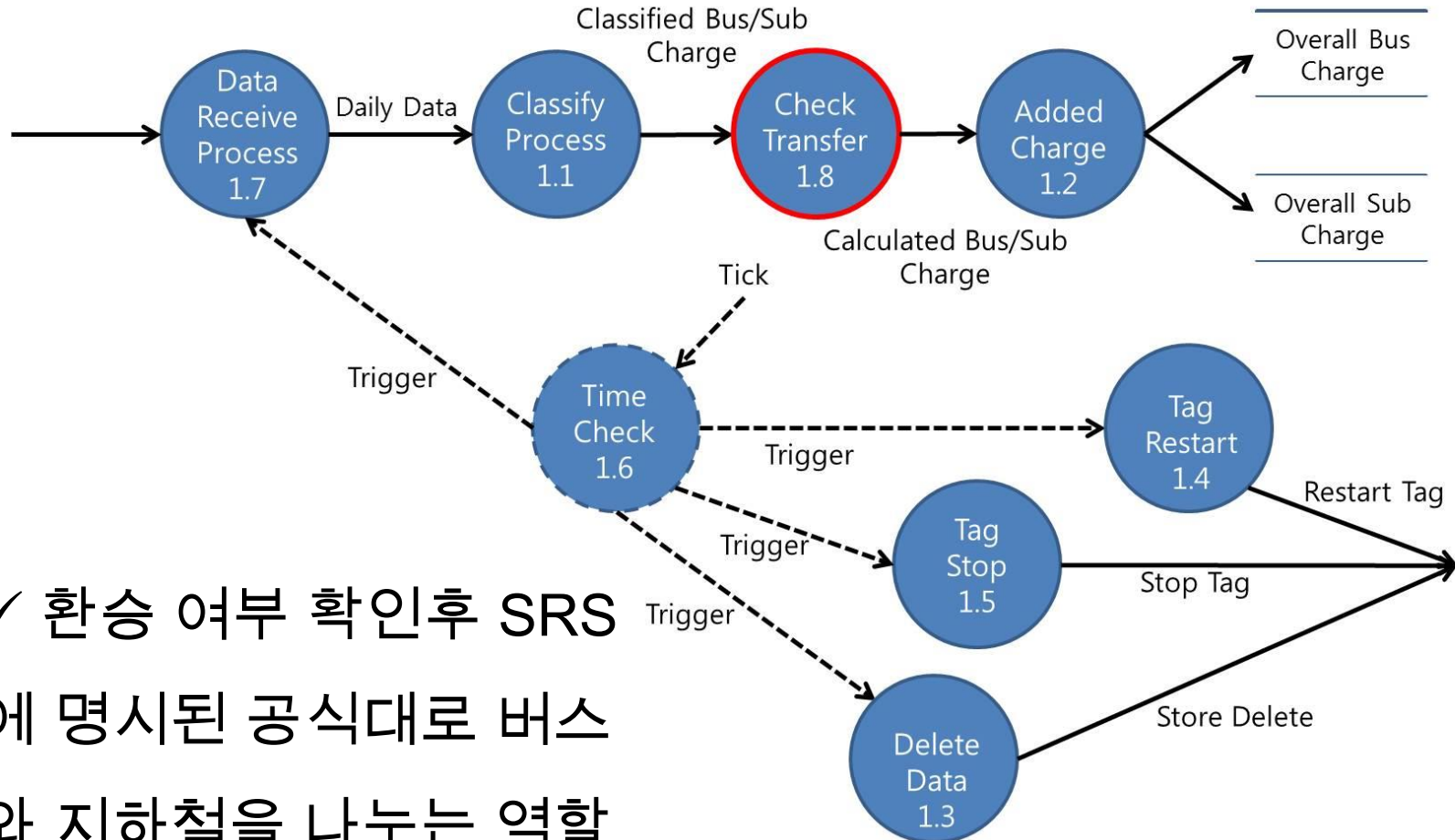
Identifier	Function	Valid / Invalid value
PTS_STC_007_000	Bus -> Sub All charge=(Bus+Sub)+Sub Charge=Bus+sub	INVALID
PTS_STC_007_001	Sub -> Bus All charge=(Sub+Bus)+Bus Charge=Sub+Bus	INVALID
PTS_STC_007_002	Bus -> Bus Company = {YYYY,MM,DD,TRANSFER,Charge}	INVALID
PTS_STC_007_003	Sub -> Sub Company = {YYYY,MM,DD,TRANSFER,Charge}	INVALID

System test result

- ✓ 변경 사항
- ✓ Test Result 대응

변경 사항

SRA



✓ 환승 여부 확인후 SRS
에 명시된 공식대로 버스
와 지하철을 나누는 역할

변경 사항

SRA

✓ Process Specification

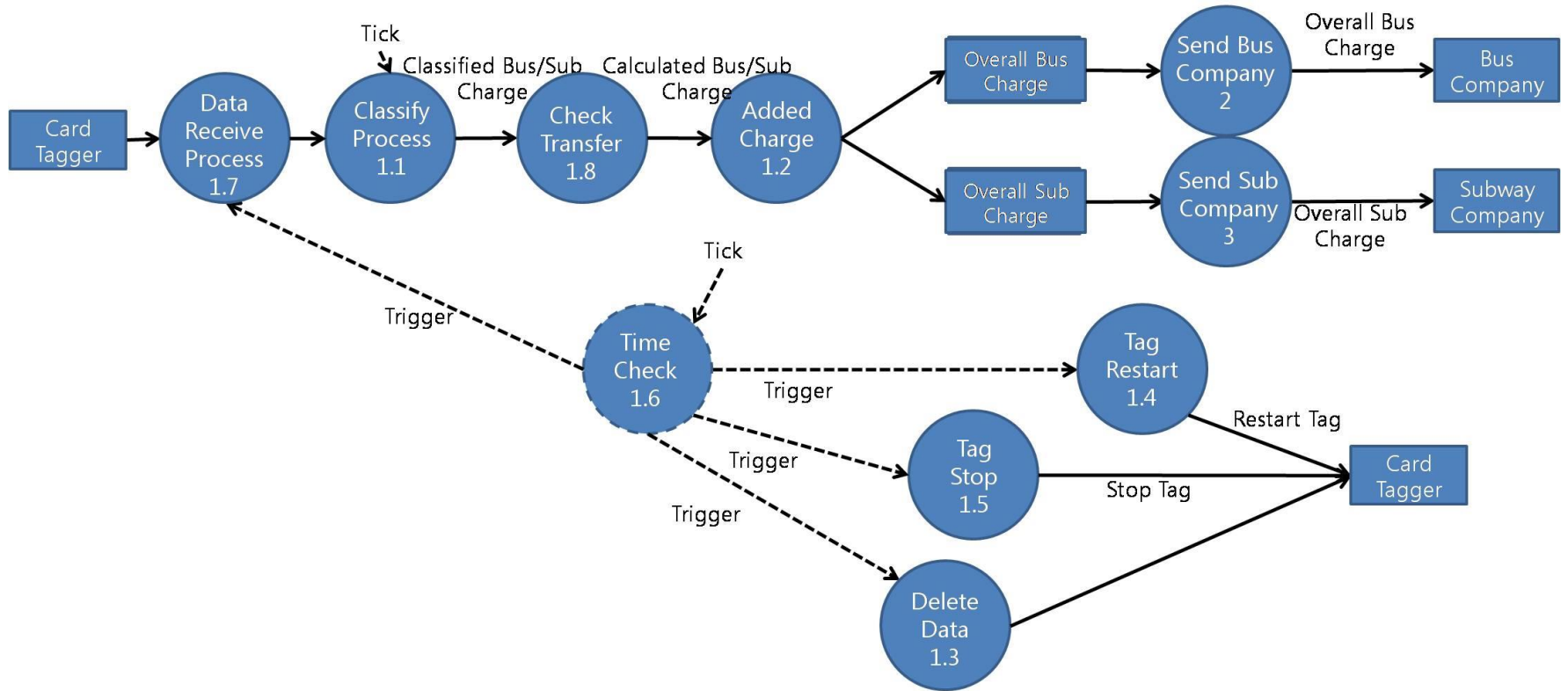
Reference No.	1.8
Name	Check Transfer
Input	Classified Bus/Sub Charge
Output	Calculated Bus/Sub Charge
Process Description	Bus와 Sub 의 정보를 가져와서 각각의 결제기록에 대해서 환승체크를 한 후 버스와 지하철에 대해서 요금을 나눠서 결제기록에 추가를 한 뒤 다음 프로세서에 데이터를 보낸다.

✓ Data Dictionary

Input / Output Event	Description	Format / Type
Calculated Bus/sub Charge	Classified Bus/sub Charge에서 환승부분까지 고려해서 요금을 분류한 결제기록 데이터들	structure

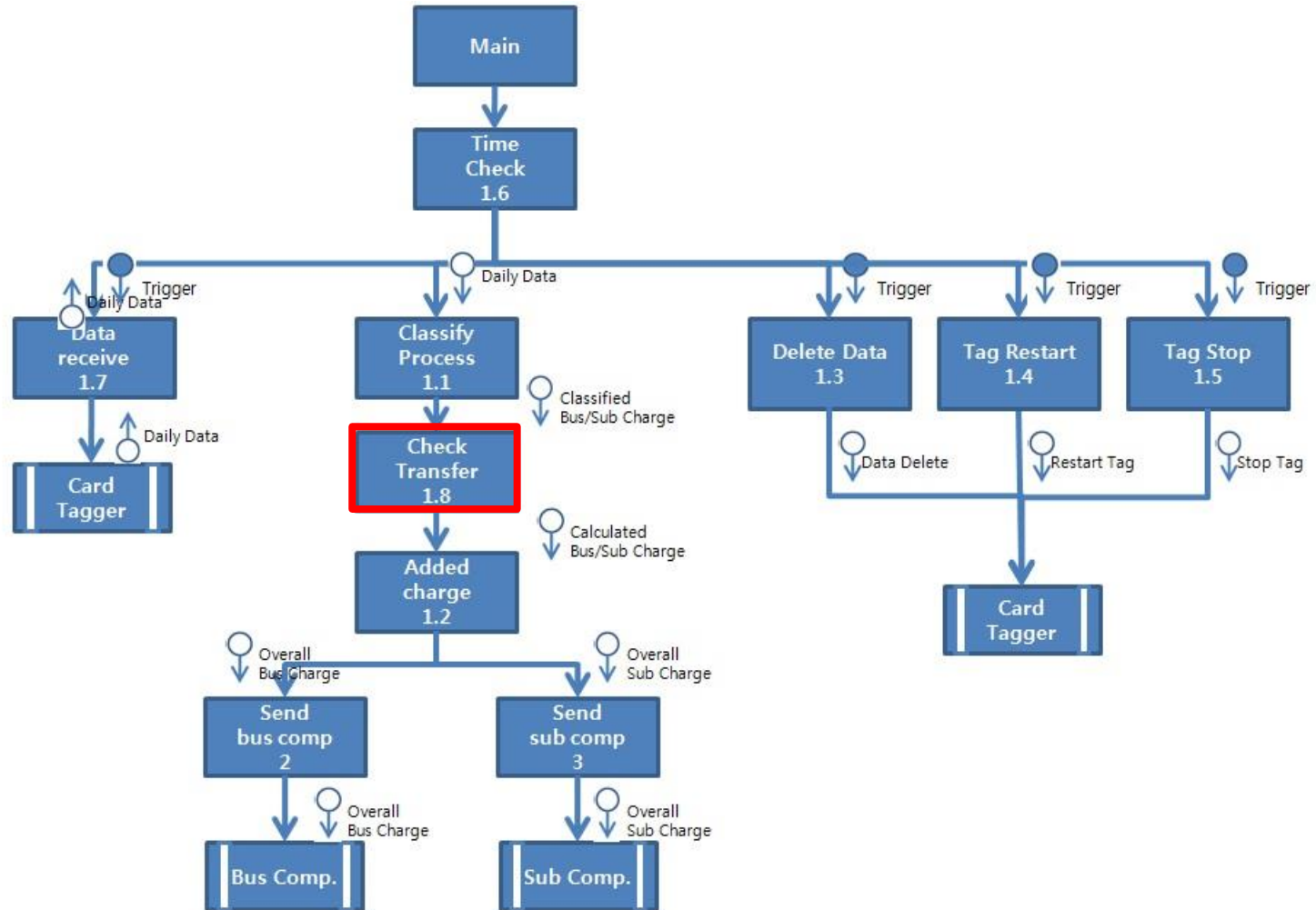
변경 사항

SRA



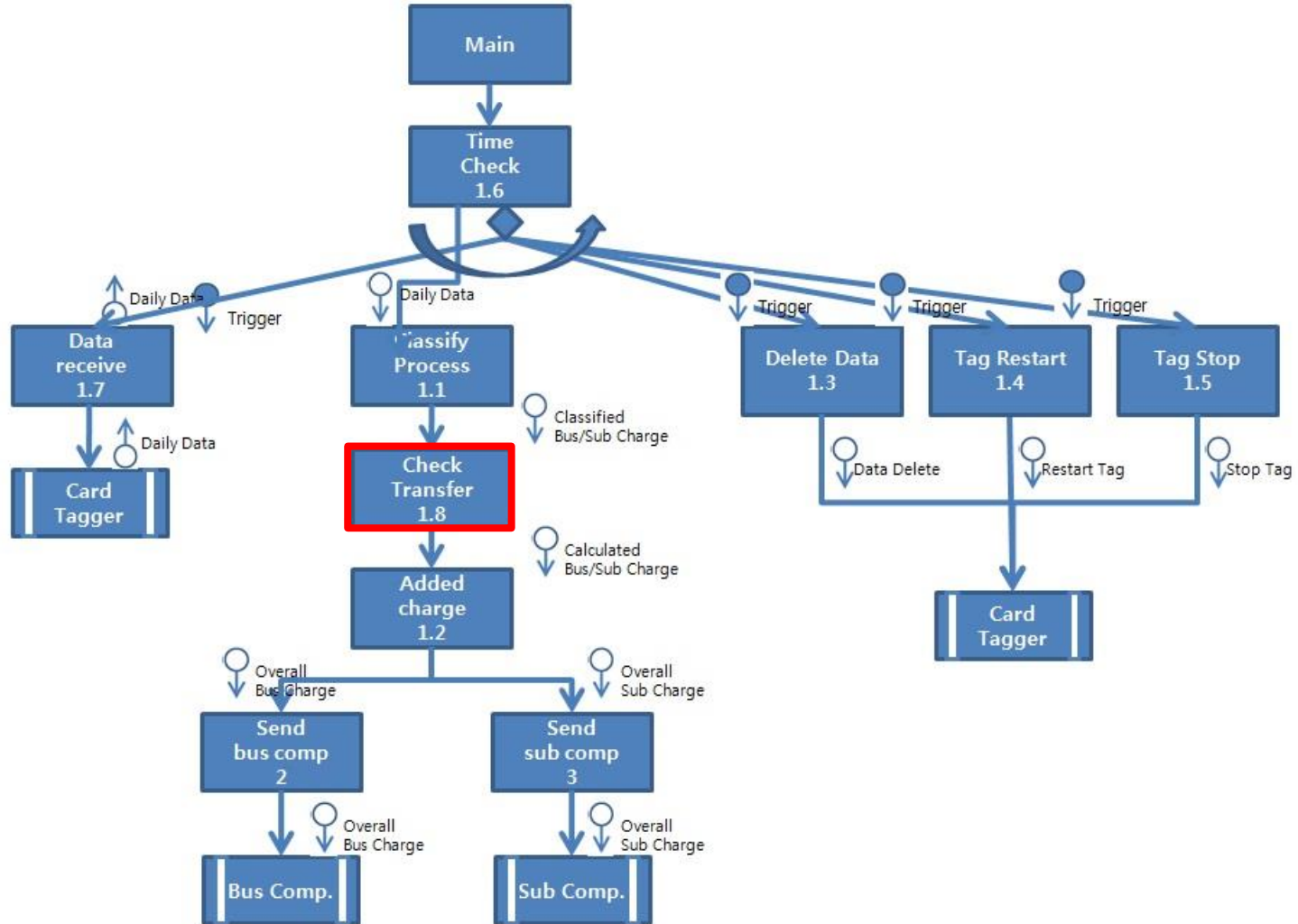
변경 사항

Structured Charts(Basic)



변경 사항

Structured Charts(Advanced)



Test Result 대응

Test Result 대응

✓ 환승일 경우, 환승 요금 계산 및 부과

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PTS_STC_001_002	Check Transfer == True	INVALID
PTS_STC_001_003	Check Transfer == false	INVALID
PTS_STC_004_002	Check Transfer == True	INVALID
PTS_STC_004_003	Check Transfer == false	INVALID

→ 구현상 에러

Test Result 대응

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PTS_STC_005_001	$(\text{Tagger.prevTime} + \text{time}) \geq \text{Tagger.nextTime}$	INVALID
PTS_STC_005_002	$(\text{Tagger.prevTime} + \text{time}) \leq \text{Tagger.nextTime}$	INVALID

→ 구현상 에러

Test Result 대응

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PTS_STC_007_001	Sub -> Bus All charge=(Sub+Bus)+Bus Charge=Sub+Bus	INVALID

→ SRA 및 SDS에서 명시 되어있지만 구현하지 못함

Test Result 대응

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→ SRA 및 SDS에서 명시 되어있지만 구현하지 못함