



# System Testing

## 2021 Software V&V

**Team #7**

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- 2. Spec Review
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# 1. CTIP Environments

## 기존 환경

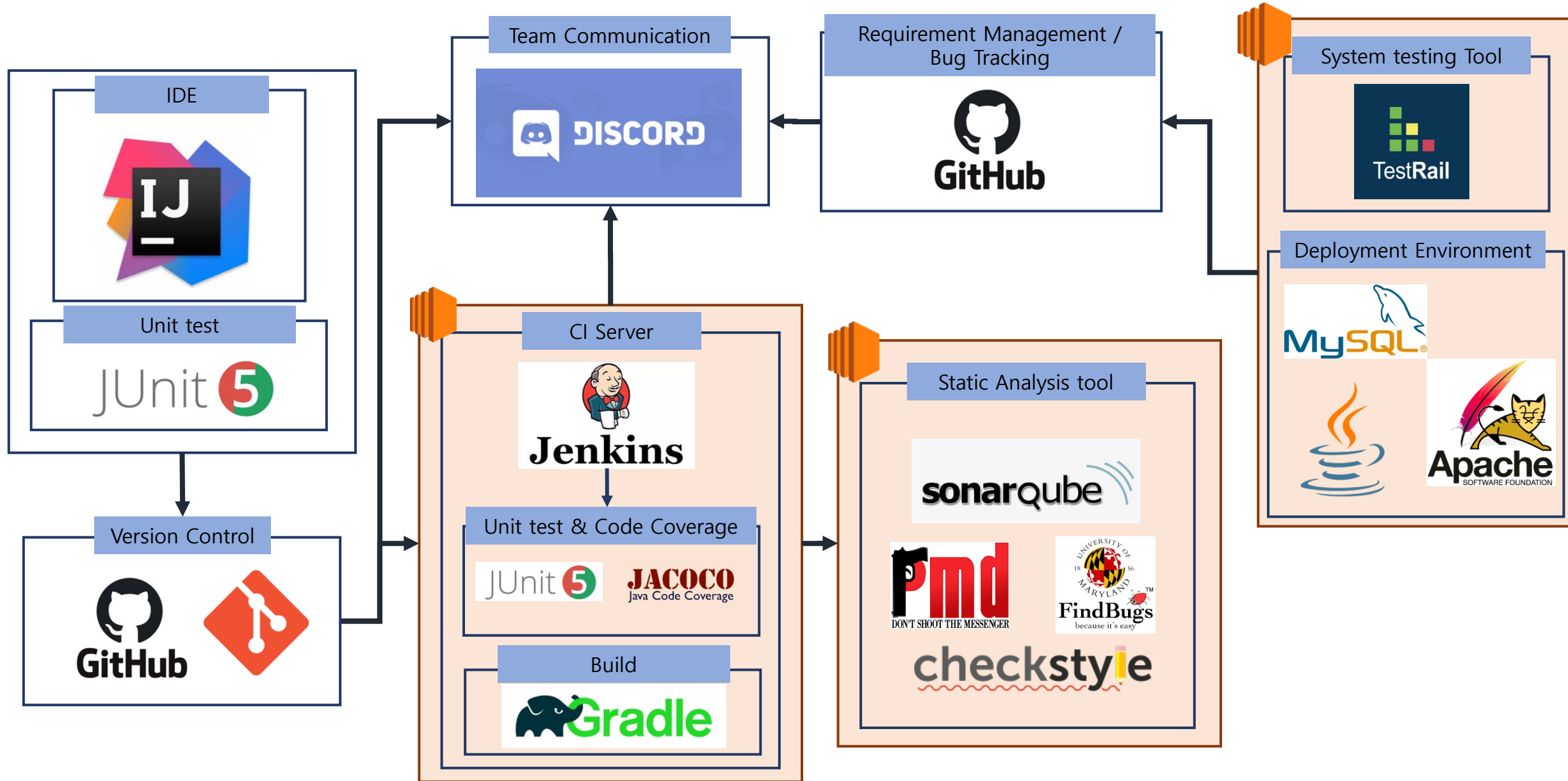
- Window OS 기반 컴퓨터에 WSL Port Forwarding을 통한 일체형 서버 구축

## 문제 상황

- 기존 OS에 설치되어 있는 여러 프로그램과의 충돌 현상
- 부팅 후 Service를 직접 실행시켜야 하는 불편함
- 방화벽 사용에 대한 미숙함으로 인하여 사용성 낮음

## 변경된 환경

- AWS FreeTier EC2 적극활용
- EC2 3개를 통해 재 구축
  - Jenkins (CI, Build)
  - SonarQube (Static Code Analysis)
  - TestRail, Deployment



# 2. Spec Review

## 1. 애매모호한 설명

Usecase	7.Payment
Actors	System
Description	-결제를 진행하고 결제 종류에 따라 다음 행동을 지시한다.

### Stage 2030 Analysis

#### 전체적인 수정 사항

- [SR 3001] 목차(index) 번호 수정
- [SR 3002] 재고, 상품 개수, 수량의 모호함
- [SR 3003] 13번 Use Case부터 나타나있는 Window 부분은 2030 부분이 아님. 따라서 해당 Use Case 부분 Typical Courses of Events 수정
- [SR 3004] [30\_04] Item이 클래스인지 상품을 뜻하는 것인지 명확하게 구분
- [SR 3005] [30\_05] Typical Courses of Events에서 상황에 맞게 '(AU), (AD), (S)' 를 정의

# 2. Spec Review

## 1. 애매모호한 설명

Use case	3. Check Chosen Item Stock
Actor	System
Purpose	사용자가 선택한 상품의 재고가 다른 자판기에 존재하는지 확인한다.
Overview	다른 모든 자판기에 사용자가 선택한 상품의 재고가 있는지 확인을 요청하고 정보를 받는다.
Type	evident
Cross Reference	System Functions : 2.3 Use Case : "Answer Chosen Stock Info"
Pre-Requisites	현재 자판기에 상품 재고가 존재하지 않는다.
Typical Courses of Events	(AU) : Actor User, (AD) : Actor other DVMS (S) : System 1. (S) AD에게 위치, 재고정보를 요청한다. 2. (S) "Answer Stock Info"을 통해 위치, 상품 재고 정보를 받는다.
Alternative Courses of Events	N/A
Exceptional Courses of Events	2-a. (S) 다른 모든 자판기에 재고가 존재하지 않는다. 2-b. (S) 모든 자판기에 재고가 없음을 알린다.  all line-a. (AU) 카드를 제거한다. all line-b. (S) 모든 작업을 중단한다.

Purpose	아이템 목록에서 상품을 추가한다.
Overview	아이템 목록에서 상품을 추가한 후에 갱신한다.
Type	evident
Cross Reference	System Functions : 4.1
Pre-Requisites	자판기의 전원이 켜져 있어야 한다.
Typical Courses of Events	(AM) : Actor Manager, (S) : System 1. (AM) Window-12(관리자 모드 화면)의 추가버튼을 누른다. 2. (S) Window-13(상품 목록 추가 화면)을 출력한다. 3. (AM) Window-13에서 <b>Item의 name</b> 을 변경한다. 4. (S) Item 목록을 갱신한다.
Alternative Courses of Events	N/A
Exceptional Courses of Events	1-a. 상품 목록 변경의 범위가 지정된 범위(20 종류)를 벗어난다 1-b. Window-27(상품 추가 불가 화면)을 출력한다.

# 2. Spec Review

## 2. 잘못된 설명

check item price  
 check sales history  
 change stock  
 Enter administrator mode

삭제  
 reply payment

수정  
 check stock  
 삭제  
 check stock

check card input  
 change Itemlist

추가  
 turn off system  
 turn on system  
 add Itemlist

-Human Resource:4

-project Duration:3month

-cost:1억?

### 3.4 Design constraints

1. OOAD 개발 방법론을 사용한다.
2. JDK와 JRE를 사용하여 Java 환경을 구축한다.
3. tomcat과 java-spring을 사용하여 다른기기와 통신을 준비한다.

## 1. Specification Review

전체적인 수정사항

- [SR 0001] 각 단계별로 Use Case 정보 다른 부분 수정

	Planning	Analysis	Design
4	Answer Stock Info	Answer Chosen Item Stock	Answer Chosen Item Stock
	System	User	System
5	System	User	System
6	System	User	User
8	User	System	System

- [SR 0002] 오타와 띄어쓰기 그리고 문서와 관계 없는 문자 및 단어 모두 삭제

# 2. Spec Review

## 2. 잘못된 설명

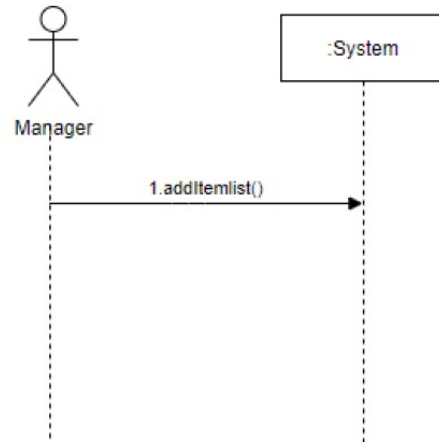
**Use Case 15: Add Itemlist**

**Typical Course of Events**

1. 사용자가 대기 화면에서 선결제 입력 버튼을 누른다
2. 선결제 입력창을 출력한다.
3. 사용자가 선결제 입력창에 선결제 코드를 입력한다.
4. Item 목록을 갱신한다.

**Exceptional Courses of Events**

- 1-a 상품 목록 변경의 범위가 지정된 범위를 벗어난다.
- 1-b 상품추가 불가하다고 안내한다.



Use case	16. Remove Itemlist
Actor	Manager
Purpose	아이템 목록에서 상품을 삭제한다.
Overview	아이템 목록에서 상품을 삭제한 후에 갱신한다.
Type	evident
Cross Reference	System Functions : 4.1
Pre-Requisites	자판기의 전원이 켜져 있어야 한다.
Typical Courses of Events	(AM) : Actor Manager, (S) : System 1. (AM) Window-12(관리자 모드 화면)의 삭제버튼을 누른다. 2. (S) Window-14(상품 목록 삭제 화면)을 출력한다. 3. (AM) 삭제할 상품을 선택한다. 4. (S) Window-15(삭제 확인 화면)을 출력한다. 5. (AM) 확인 버튼을 누른다.

	6. (S) Item 목록을 갱신한다.
Alternative Courses of Events	N/A
Exceptional Courses of Events	1-a. 상품 목록 변경의 범위가 지정된 범위(20 종류)를 벗어난다 1-b. 추가 버튼이 비활성화 된다.



# 2. Spec Review

## 3. 모순된 설명

Purpose	결제를 진행한다.
Overview	결제를 진행하고 결제 종류에 따라 다음 행동을 지시한다.
Type	hidden
Cross Reference	System Functions : 3.3, 3.5 Use Case : "Create Precode", "Serve Item"
Pre-Requisites	카드가 삽입되어 있어야 한다.
Typical Courses of Events	(AU) : Actor User, (AD) : Actor other DVMs 1. (S) Payment 클래스에서 item클래스의 price를 받아온다. 2. (S) Payment클래스의 prepayment값을 판단해 선결제인지 아닌지 판단한다. 3. (S) prepayment가 false이다. 4. (S) "Serve Item"을 진행한다.
Alternative Courses of Events	N/A
Exceptional Courses of Events	1-a. (S) 결제를 실패한다. 1-b. (S) 결제 실패 화면을 알린다.  3-a. (S) 선결제이다 3-b. (S) "Create Precode"을 진행한다.

Use case	8. Create Precode
Actor	System
Purpose	선결제 코드를 발급한다.
Overview	선결제를 한 후 선결제 코드를 생성하여 저장한다.
Type	hidden
Cross Reference	System Functions : 3.1 Use Case : "Determine Prepayment"
Pre-Requisites	카드가 투입되어 있어야 한다. "Determine Prepayment"가 선행되어야 한다.
Typical Courses of Events	(AU) : Actor User, (AD) : Actor other DVMs

	(S) : System 1. (S) 결제된 상품의 선결제 코드를 생성 및 저장한다. 2. (S) "Complete Prepayment"로 넘어간다.
Alternative Courses of Events	
Exceptional Courses of Events	2-a. (S) 카드 잔액이 부족할 경우 화면에 잔액 부족을 출력한다.

# 2. Spec Review

☰ 2 Open ✓ 0 Closed Sort ▾

**Spec Review (1st cycle)**

📅 Due by May 27, 2021 ⌚ Last updated about 2 hours ago

0% complete 128 open 0 closed

[Edit](#) [Close](#) [Delete](#)

☐ ⚠ 128 Open ✓ 0 Closed

- ☐ ⚠ [SR 2013] SRS\_3\_4 - 01  
#143 opened 2 hours ago by IMRaccoon ☰ Spec Review (1...
- ☐ ⚠ [SR 2012] SRS\_3\_3 - 02  
#142 opened 2 hours ago by IMRaccoon ☰ Spec Review (1...
- ☐ ⚠ [SR 2011] SRS\_3\_3 - 01  
#140 opened 2 hours ago by IMRaccoon ☰ Spec Review (1...
- ☐ ⚠ [SR 2010] SRS\_3\_2\_5\_2 - 02  
#139 opened 2 hours ago by IMRaccoon ☰ Spec Review (1...
- ☐ ⚠ [SR 2009] SRS\_3\_2\_5\_2 - 01  
#138 opened 2 hours ago by IMRaccoon ☰ Spec Review (1...
- ☐ ⚠ [SR 2008] SRS\_3\_2\_5\_1 - 01  
#137 opened 2 hours ago by IMRaccoon ☰ Spec Review (1...
- ☐ ⚠ [SR 2007] SRS\_3\_2\_4\_2 - 02  
#136 opened 2 hours ago by IMRaccoon ☰ Spec Review (1...
- ☐ ⚠ [SR 2006] SRS\_3\_2\_4\_2 - 01  
#133 opened 3 hours ago by IMRaccoon ☰ Spec Review (1...
- ☐ ⚠ [SR 2005] SRS\_3\_2\_2\_2 - 01  
#132 opened 3 hours ago by IMRaccoon ☰ Spec Review (1...
- ☐ ⚠ [SR 2004] SRS\_3\_2\_1\_2 - 01  
#131 opened 3 hours ago by IMRaccoon ☰ Spec Review (1...
- ☐ ⚠ [SR 2003] SRS\_3\_1\_1\_1 - 01  
#130 opened 3 hours ago by IMRaccoon ☰ Spec Review (1...

# 3. Category Partition

- User Action

Group	Category	Value	Property & Error
Environment	Stock Quantity	Local Exists	[property localStock]
		Remote Exists	[property remoteStock]
		Not Exists	[property noStock]
	Card	Enough Money	[property money]
		Not Enough Money	[property noMoney]
Action	Start Order	Type 'c'	
		Type others	[error]
	Input Choice	Choice	
		Not Choice	[error]
	Determine PrePayment	OK	[if remoteStock & & money] [property prepayment]
		NO	[if remoteStock]
	Payment	Success	[if localStock & & money]
		Failed	[if noMoney]
	Create Precode	Success	[if money & & prepayment] [property precode]
		Failed	[if nomoney & & prepayment]
	Input Precode	Created Precode	[if precode]
		Wrong Place	[if precode]
		Empty	[if precode]
Random Precode		[if precode]	

All Cases (768, 100%) → Error Constraints (194, 25.2%) → Property Constraints (12, 1.5%)

- Manager Action

- Add Item

Group	Category	Value	Property & Error
Environment	Authorize	Success	
		Failed	[error]
Value	Item	0-19	
		20-	[error]
	Name Size	1-49	
		50-	
		Empty	

All Cases (12, 100%) → Error Constraints (5, 41.7%)

- Change Item Price

Group	Category	Value	Property & Error
Environment	Authorize	Success	
		Failed	[error]
Value	Price	0	
		1-2147483647	
		2147483648	
		Empty	

All Cases (8, 100%) → Error Constraints (5, 62.5%)

- Remove Item

Group	Category	Value	Property & Error
Environment	Authorize	Success	
		Failed	[error]
Value	Item	0	
		1-20	

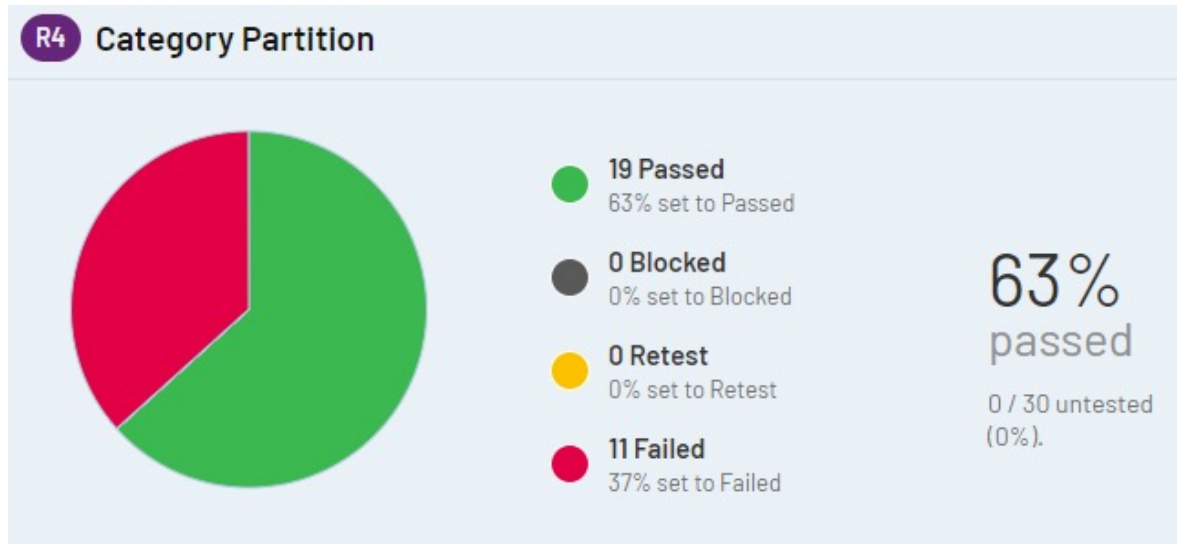
All Cases (4, 100%) → Error Constraints (3, 75%)

- Change Item Quantity

Group	Category	Value	Property & Error
Environment	Authorize	Success	
		Failed	[error]
Value	Quantity	0	
		1-2147483647	
		2147483648	
		Empty	

All Cases (8, 100%) → Error Constraints (5, 62.5%)

# 3. Category Partition



ID	Title	Assigned To	Status
T190	[CP 1001] Use Others		Passed
T191	[CP 1002] Show Choice		Passed
T192	[CP 1003] Input NULL in Precode		Passed
T193	[CP 1004] Input Wrong in Precode		Passed
T194	[CP 1005] Direct Payment		Passed
T195	[CP 1006] Not Enough Money		Failed
T196	[CP 1007] Prepayment		Passed
T197	[CP 1008] Wrong Location		Blocked
T198	[CP 1009] Cancel Prepayment		Passed
T199	[CP 1010] Not Enough Money in Prepayment		Passed
T200	[CP 1011] No Stock if have money		Passed
T201	[CP 1012] No Stock if no money		Failed

ID	Title	Assigned To	Status
T202	[CP 2001] Wrong Auth		Passed
T203	[CP 2002] Over 50 Items		Passed
T204	[CP 2003] Add Item		Passed
T205	[CP 2004] Over Name Length		Failed
T206	[CP 2005] Empty Length		Failed
T207	[CP 2006] Wrong Auth		Passed
T208	[CP 2007] No Item		Failed
T209	[CP 2008] Remove Item		Blocked
T210	[CP 2009] Wrong Auth		Blocked
T211	[CP 2010] Input 0 in Price		Failed
T212	[CP 2011] Change Item Price		Passed
T213	[CP 2012] Over Range		Failed
T214	[CP 2013] Input null in Price		Failed
T215	[CP 2014] Wrong Auth		Passed
T216	[CP 2015] Input 0 in Stock		Passed
T217	[CP 2016] Change Item Stock		Passed

Filters

Clear current search query, filters, and sorts

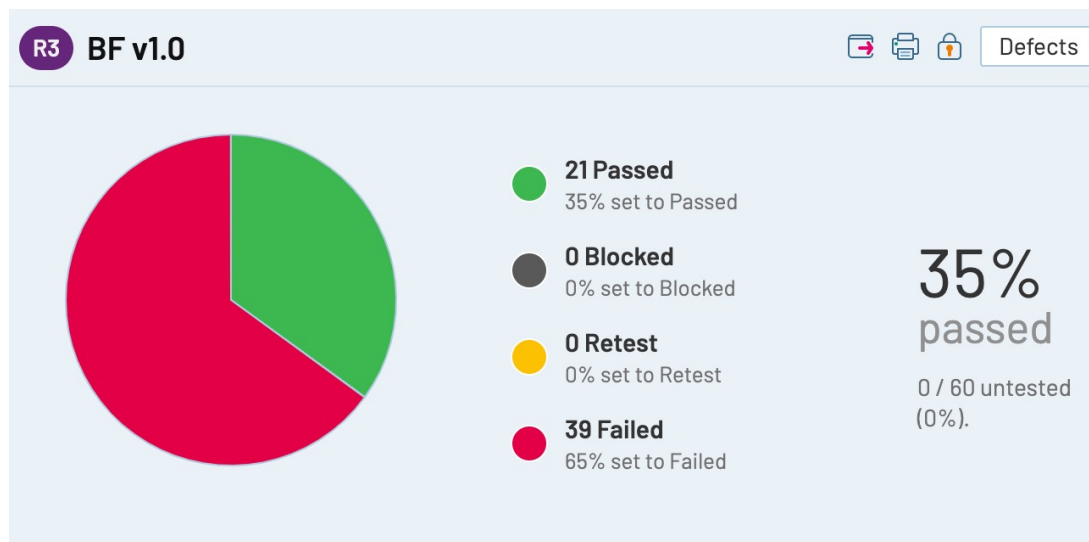
<input type="checkbox"/>	11 Open	1 Closed
<input type="checkbox"/>	[CP 2018] Input null in Stock	#158 opened 2 hours ago by IMRaccoon System Testing ...
<input type="checkbox"/>	[CP 2017] Over Range	#157 opened 2 hours ago by IMRaccoon System Testing ...
<input type="checkbox"/>	[CP 2013] Input null in Price	#156 opened 2 hours ago by IMRaccoon System Testing ...
<input type="checkbox"/>	[CP 2012] Over Range	#155 opened 2 hours ago by IMRaccoon System Testing ...
<input type="checkbox"/>	[CP 2010] Input 0 in Price	#154 opened 2 hours ago by IMRaccoon System Testing ...
<input type="checkbox"/>	[CP 2008] Remove Item	#153 opened 2 hours ago by IMRaccoon System Testing ...
<input type="checkbox"/>	[CP 2007] No Item	#152 opened 2 hours ago by IMRaccoon System Testing ...
<input type="checkbox"/>	[CP 2005] Empty Length	#151 opened 2 hours ago by IMRaccoon System Testing ...
<input type="checkbox"/>	[CP 2004] Over Name Length	#150 opened 2 hours ago by IMRaccoon System Testing ...
<input type="checkbox"/>	[CP 1012] No Stock if no moeny	#149 opened 2 hours ago by IMRaccoon System Testing ...
<input type="checkbox"/>	[CP 1006] Not Enough Money	#148 opened 2 hours ago by IMRaccoon System Testing ...

# 4. Brute Force

Use Case	ID	Test Case	Status
Start Order	BF 0101	Start Order 01	Passed
	BF 0102	Start Order 02	Failed
Input Choice	BF 0201	Input Choice 01	Passed
	BF 0202	Input Choice 02	Passed
	BF 0203	Input Choice 03	Failed
	BF 0204	Input Choice 04	Passed
	BF 0205	Input Choice 05	Failed
	BF 0206	Input Choice 06	Passed
	BF 0207	Input Choice 07	Failed
Determine Prepayment	BF 0301	Determine Prepayment 01	Failed
	BF 0302	Determine Prepayment 02	Passed
	BF 0303	Determine Prepayment 03	Failed
Serve Item	BF 0401	Serve Item 01	Passed
Input Precode	BF 0501	Input Precode 01	Failed
	BF 0502	Input Precode 02	Passed
	BF 0503	Input Precode 03	Passed
	BF 0504	Input Precode 04	Failed
	BF 0505	Input Precode 05	Failed
	BF 0506	Input Precode 06	Passed
	BF 0507	Input Precode 07	Passed
	BF 0508	Input Precode 08	Passed
	BF 0509	Input Precode 09	Passed
	BF 0510	Input Precode 10	Failed
Enter Administrator mode	BF 0601	Enter Administrator mode 01	Passed
	BF 0602	Enter Administrator mode 02	Passed
Add Itemlist	BF 0701	Add Item 01	Failed
	BF 0702	Add Item 02	Failed
	BF 0703	Add Item 03	Passed
	BF 0704	Add Item 04	Failed
	BF 0705	Add Item 05	Failed
	BF 0706	Add Item 06	Failed
	BF 0707	Add Item 07	Failed
	BF 0708	Add Item 08	Failed
	BF 0709	Add Item 09	Failed
	BF 0710	Add Item 10	Failed
Remove Itemlist	BF 0801	Remove Item 01	Passed
	BF 0802	Remove Item 02	Failed
	BF 0803	Remove Item 03	Failed
	BF 0804	Remove Item 04	Passed
	BF 0805	Remove Item 05	Failed
	BF 0806	Remove Item 06	Passed

Change Stock	BF 0807	Remove Item 07	Failed
	BF 0808	Remove Item 08	Failed
	BF 0901	Change Stock 01	Failed
	BF 0902	Change Stock 02	Failed
	BF 0903	Change Stock 03	Failed
Change Item Stock	BF 0904	Change Stock 04	Failed
	BF 0905	Change Stock 05	Failed
	BF 1001	Change Item Price 01	Failed
	BF 1002	Change Item Price 02	Failed
	BF 1003	Change Item Price 03	Failed
	BF 1004	Change Item Price 04	Failed
	BF 1005	Change Item Price 05	Failed
Check Sales History	BF 1006	Change Item Price 06	Failed
	BF 1007	Change Item Price 07	Failed
	BF 1101	Check Sales History 01	Failed
	BF 1102	Check Sales History 02	Passed
	BF 1103	Check Sales History 03	Passed
	BF 1104	Check Sales History 04	Failed
	BF 1105	Check Sales History 05	Failed

# 4. Brute Force



ID	Title	Assigned To	Status
T150	[BF 0701] Add Item 01	KUSVV	Failed
T151	[BF 0702] Add Item 02	KUSVV	Failed
T152	[BF 0703] Add Item 03	KUSVV	Passed
T153	[BF 0704] Add Item 04	KUSVV	Failed
T154	[BF 0705] Add Item 05	KUSVV	Failed
T155	[BF 0706] Add Item 06	KUSVV	Failed
T156	[BF 0707] Add Item 07	KUSVV	Failed
T157	[BF 0708] Add Item 08	KUSVV	Failed
T158	[BF 0709] Add Item 09	KUSVV	Failed
T159	[BF 0710] Add Item 10	KUSVV	Failed

ID	Title	Assigned To	Status
T160	[BF 0801] Remove Item 01	KUSVV	Passed
T161	[BF 0802] Remove Item 02	KUSVV	Failed
T162	[BF 0803] Remove Item 03	KUSVV	Failed
T163	[BF 0804] Remove Item 04	KUSVV	Passed
T164	[BF 0805] Remove Item 05	KUSVV	Failed
T165	[BF 0806] Remove Item 06	KUSVV	Passed
T166	[BF 0807] Remove Item 07	KUSVV	Failed
T221	[BF 0808] Remove Item 08	KUSVV	Failed

Filters

Clear current search query, filters, and sorts

Status	Count
Open	39
Closed	21

- [BF 1105] Check Sales History 05  
#204 opened 1 hour ago by IMRaccoon System Testing ...
- [BF 1104] Check Sales History 04  
#203 opened 1 hour ago by IMRaccoon System Testing ...
- [BF 1007] Change Item Price 07  
#202 opened 1 hour ago by IMRaccoon System Testing ...
- [BF 1006] Change Item Price 06  
#201 opened 1 hour ago by IMRaccoon System Testing ...
- [BF 1101] Check Sales History 01  
#200 opened 1 hour ago by IMRaccoon System Testing ...
- [BF 1005] Change Item Price 05  
#199 opened 1 hour ago by IMRaccoon System Testing ...
- [BF 1004] Change Item Price 04  
#198 opened 1 hour ago by IMRaccoon System Testing ...
- [BF 1003] Change Item Price 03  
#197 opened 1 hour ago by IMRaccoon System Testing ...
- [BF 1002] Change Item Price 02  
#196 opened 1 hour ago by IMRaccoon System Testing ...

# 5. Issue Tracking & Monitoring

Filters

178 Open  26 Closed

**[BF 1105] Check Sales History 05**  
#204 opened 2 hours ago by IMRaccoon [System Testing ...](#)

**[BF 1104] Check Sales History 04**  
#203 opened 2 hours ago by IMRaccoon [System Testing ...](#)

**[BF 1007] Change Item Price 07**  
#202 opened 2 hours ago by IMRaccoon [System Testing ...](#)

**[BF 1006] Change Item Price 06**  
#201 opened 2 hours ago by IMRaccoon [System Testing ...](#)

**[BF 1101] Check Sales History 01**  
#200 opened 2 hours ago by IMRaccoon [System Testing ...](#)

**[BF 1005] Change Item Price 05**  
#199 opened 2 hours ago by IMRaccoon [System Testing ...](#)

**[BF 1004] Change Item Price 04**  
#198 opened 2 hours ago by IMRaccoon [System Testing ...](#)

2 Open  0 Closed Sort ▾

**System Testing (1st cycle)**  
 Due by May 27, 2021 Last updated about 2 hours ago

0% complete 50 open 0 closed  
[Edit](#) [Close](#) [Delete](#)

---

**Spec Review (1st cycle)**  
 Due by May 27, 2021 Last updated about 2 hours ago

0% complete 128 open 0 closed  
[Edit](#) [Close](#) [Delete](#)

2 Open  1 Closed

**System Testing**  
 Updated 2 hours ago

---

**Spec Review**  
 Updated 4 hours ago

# 5. Issue Tracking & Monitoring

The image displays two Kanban boards used for issue tracking and monitoring. The left board is titled "System Testing" and is updated 2 hours ago. It features four columns: "To do" (50 items), "In progress" (0 items), "Wait for review" (0 items), and "Done" (0 items). The "To do" column contains 10 items, each with a title, ID, and creator information. The right board is titled "Spec Review" and is updated 4 hours ago. It also features four columns: "To do" (128 items), "In progress" (0 items), "Wait for review" (0 items), and "Done" (0 items). The "To do" column contains 10 items, each with a title, ID, and creator information.

**System Testing**  
Updated 2 hours ago

Filter cards + Add cards Fullscreen Me

**To do** (50)

- [CP 1006] Not Enough Money #148 opened by IMRaccoon System Testing (1st cycle)
- [CP 1012] No Stock if no moeny #149 opened by IMRaccoon System Testing (1st cycle)
- [CP 2004] Over Name Length #150 opened by IMRaccoon System Testing (1st cycle)
- [CP 2005] Empty Length #151 opened by IMRaccoon System Testing (1st cycle)
- [CP 2007] No Item #152 opened by IMRaccoon System Testing (1st cycle)
- [CP 2008] Remove Item #153 opened by IMRaccoon System Testing (1st cycle)
- [CP 2010] Input 0 in Price #154 opened by IMRaccoon System Testing (1st cycle)
- [CP 2012] Over Range #155 opened by IMRaccoon System Testing (1st cycle)
- [CP 2013] Input null in Price #156 opened by IMRaccoon System Testing (1st cycle)
- [CP 2017] Over Range #157 opened by IMRaccoon System Testing (1st cycle)
- [CP 2018] Input null in Stock #158 opened by IMRaccoon System Testing (1st cycle)

**In progress** (0)

**Wait for review** (0)

**Done** (0)

**Spec Review**  
Updated 4 hours ago

Filter cards + Add cards Fullscreen Me

**To do** (128)

- [SR 2003] SRS\_3\_1\_1\_1 - 01 #130 opened by IMRaccoon Spec Review (1st cycle)
- [SR 2002] SRS\_2\_5 - 01 #129 opened by IMRaccoon Spec Review (1st cycle)
- [SR 2001] SRS\_2\_4 - 01 #128 opened by IMRaccoon Spec Review (1st cycle)
- [SR 2010] SRS\_3\_2\_5\_2 - 02 #139 opened by IMRaccoon Spec Review (1st cycle)
- [SR 2004] SRS\_3\_2\_1\_2 - 01 #131 opened by IMRaccoon Spec Review (1st cycle)
- [SR 2007] SRS\_3\_2\_4\_2 - 02 #136 opened by IMRaccoon Spec Review (1st cycle)
- [SR 2006] SRS\_3\_2\_4\_2 - 01 #133 opened by IMRaccoon Spec Review (1st cycle)
- [SR 2005] SRS\_3\_2\_2\_2 - 01 #132 opened by IMRaccoon Spec Review (1st cycle)
- [SR 2008] SRS\_3\_2\_5\_1 - 01 #137 opened by IMRaccoon Spec Review (1st cycle)
- [SR 2011] SRS\_3\_3 - 01 #140 opened by IMRaccoon Spec Review (1st cycle)
- [SR 2009] SRS\_3\_2\_5\_2 - 01 #138 opened by IMRaccoon Spec Review (1st cycle)

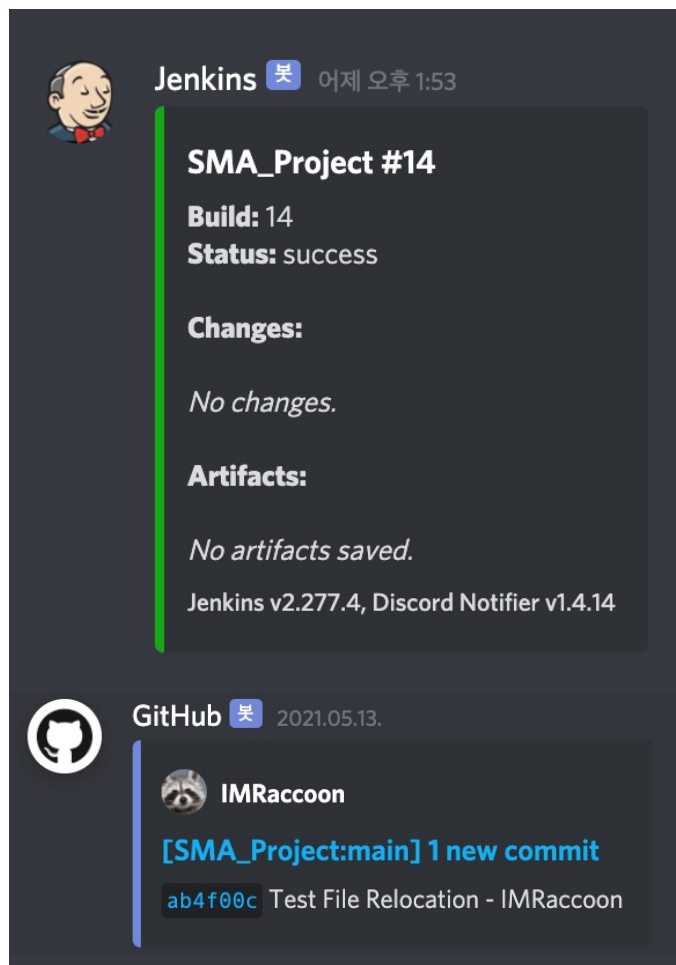
**In progress** (0)

**Wait for review** (0)

**Done** (0)



# 5. Issue Tracking & Monitoring



**Jenkins** 봇 어제 오후 1:53

**SMA\_Project #14**

**Build:** 14  
**Status:** success

**Changes:**  
*No changes.*

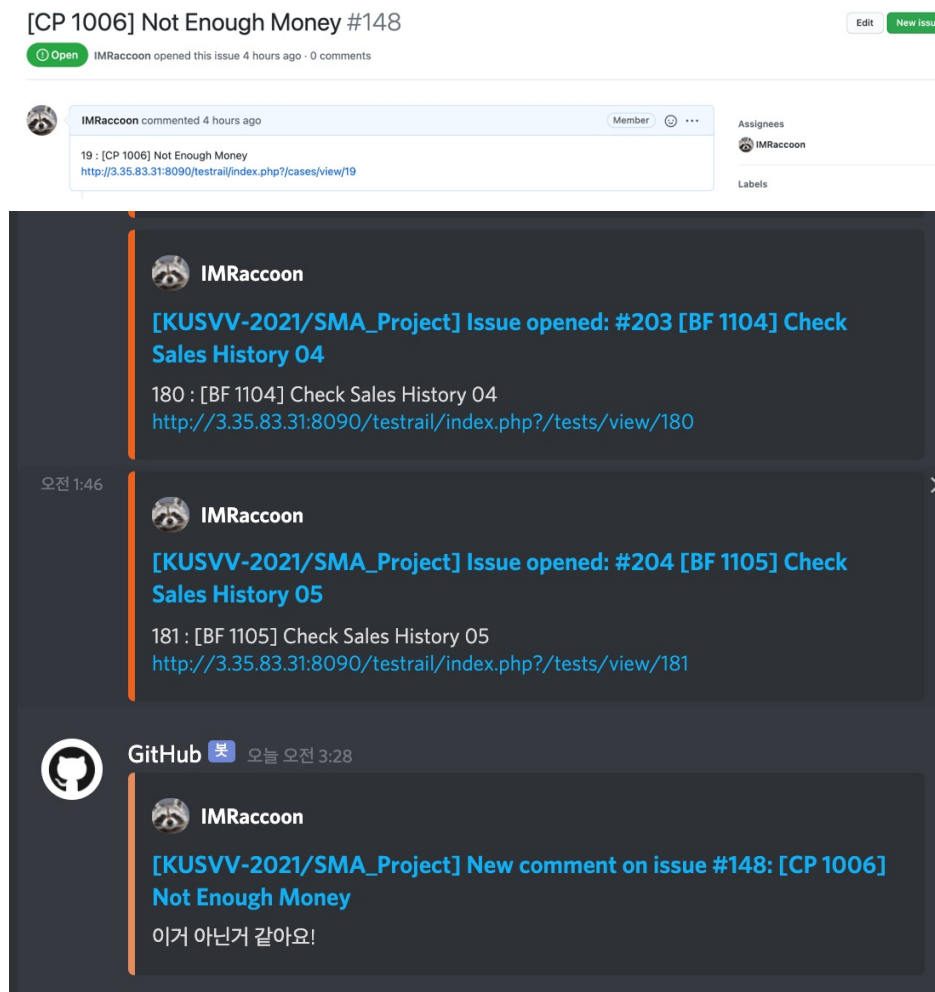
**Artifacts:**  
*No artifacts saved.*

Jenkins v2.277.4, Discord Notifier v1.4.14

**GitHub** 봇 2021.05.13.

**IMRaccoon**

**[SMA\_Project:main] 1 new commit**  
ab4f00c Test File Relocation - IMRaccoon



[CP 1006] Not Enough Money #148 Edit New Issue

Open IMRaccoon opened this issue 4 hours ago · 0 comments

IMRaccoon commented 4 hours ago Member ... Assignees IMRaccoon Labels

19 : [CP 1006] Not Enough Money  
<http://3.35.83.31:8090/testrail/index.php?cases/view/19>

IMRaccoon

**[KUSVV-2021/SMA\_Project] Issue opened: #203 [BF 1104] Check Sales History 04**

180 : [BF 1104] Check Sales History 04  
<http://3.35.83.31:8090/testrail/index.php?tests/view/180>

오전 1:46

IMRaccoon

**[KUSVV-2021/SMA\_Project] Issue opened: #204 [BF 1105] Check Sales History 05**

181 : [BF 1105] Check Sales History 05  
<http://3.35.83.31:8090/testrail/index.php?tests/view/181>

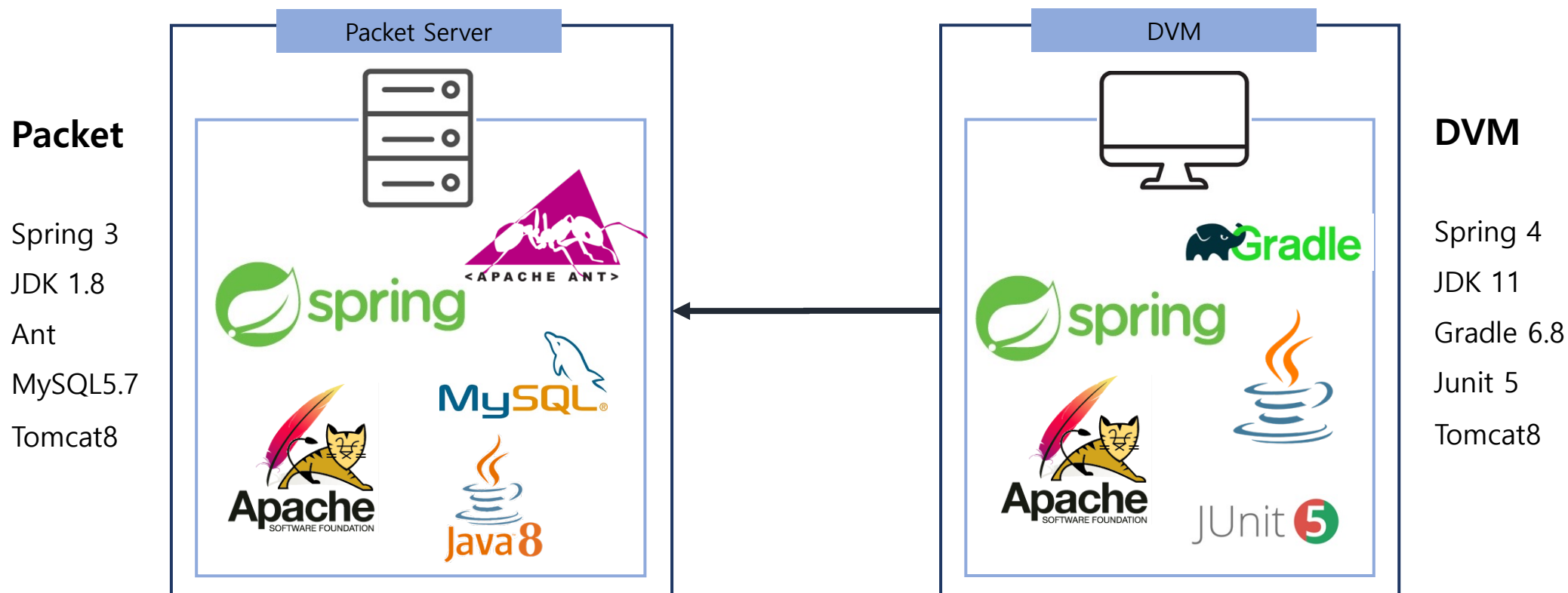
**GitHub** 봇 오늘 오전 3:28

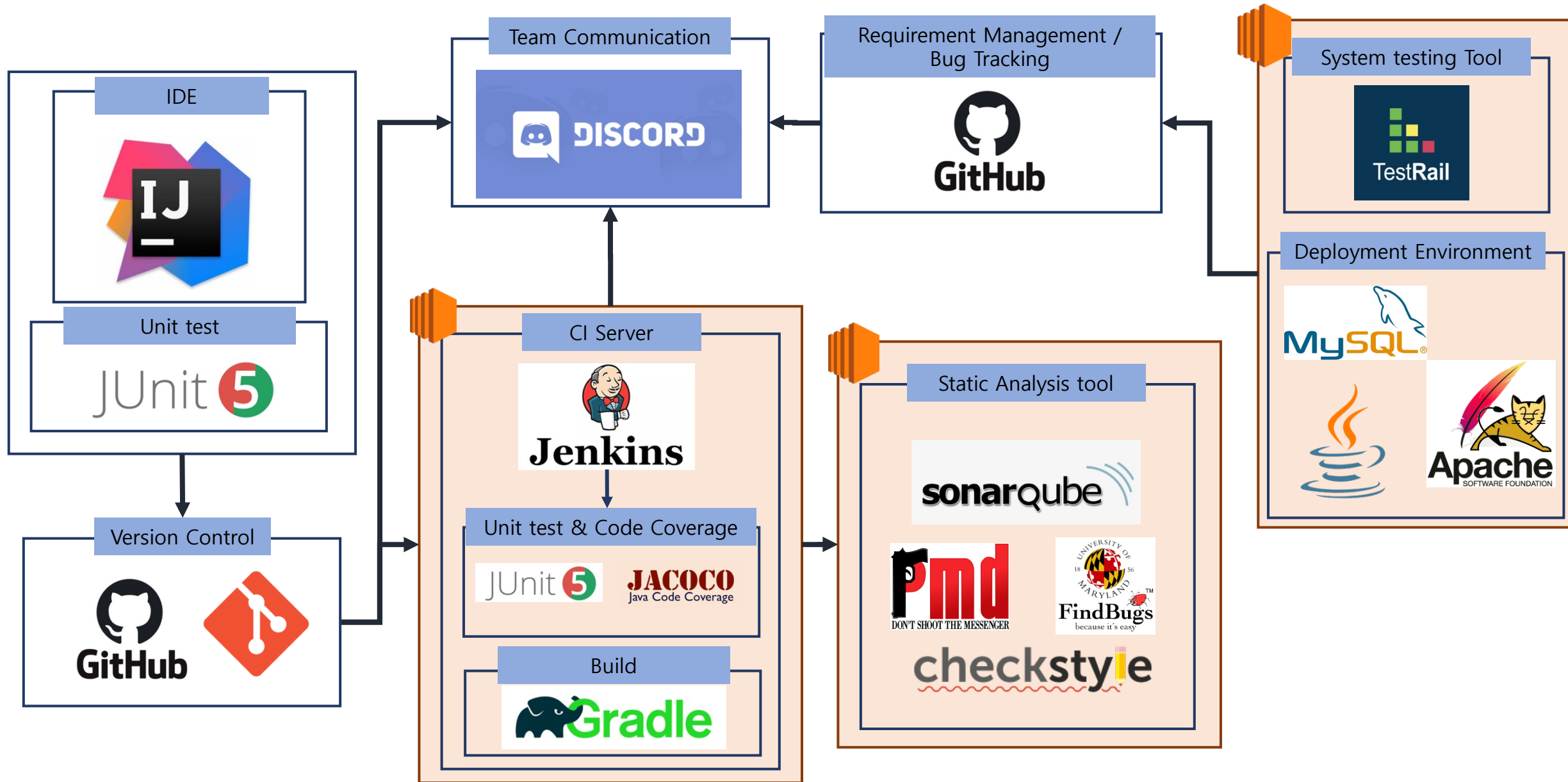
**IMRaccoon**

**[KUSVV-2021/SMA\_Project] New comment on issue #148: [CP 1006] Not Enough Money**

이거 아닌거 같아요!

# 6. Development Progress







Thank You.

TEAM #7

2021 Software V&V