CyberLogitec

VIETNAM

Test Case

Quality Control Training Programs

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eusu:

Remind

Remind - Test Requirement

Test Requirement

- **A statement of what should be tested in the AUT** (Application Under Test)

- **Functional Requirement**: the requirement for the functions that the application should do.

- **Non-functional Requirement**: the requirement for the properties that the functions should have or should look like.

- There are 3 types of non-function TR:
  - Look & feel
  - Boundary
  - Negative

Remind - Test Requirement

Test Requirement

- A Test Requirement can be written from a User Story or from other sources of the software.
- Testers use Test Requirement to implement Test Cases.

EXAMPLE

Test Requirement

- Users can log in BluePrint successfully with valid account

Test Case

Description: Verify that the users can login BluePrint successfully with valid account.

Steps:
1. Navigate to the login site
2. Input valid data into the Username textbox
3. Input valid data into the Password textbox
4. Click on “Log in” button

Expected: Login successfully, the home page is displayed.

Remind - Test Requirement

Test Requirement syntax

Function + operation condition

EXAMPLE

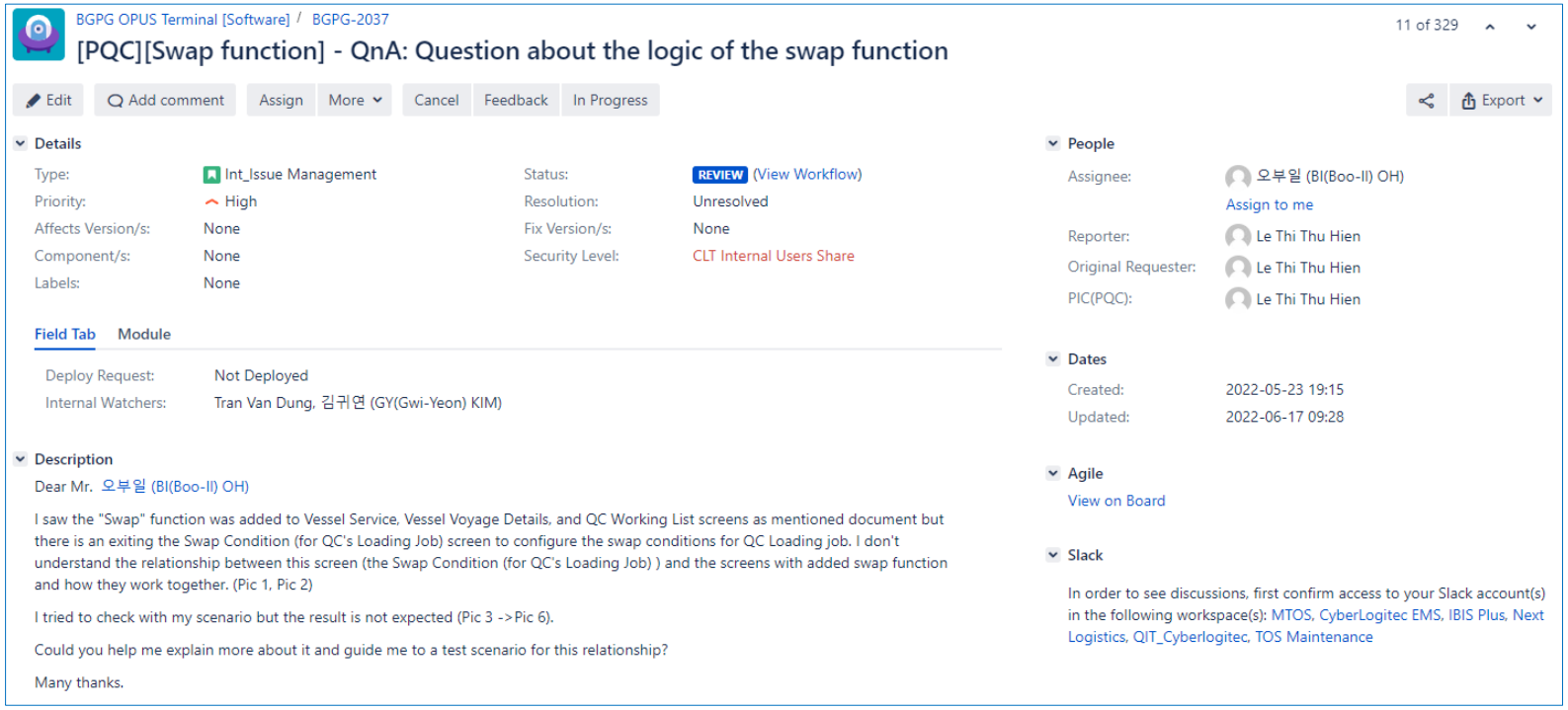
Users can login BluePrint successfully with valid account.

Users can Check in successfully with the "Punch In/Out" button.

Remind - Test Requirement

Request the QnA to Customer

- Reference
- Module / Screen ID
- **Title**
- **Question**
- **Answer**
- Priority
- Created date
- Created by
- Assign to
- Status



Remind - Test Requirement

*** Question**

- **Yes/No question**
  - Should we ...?
  - I have a question below regarding function A,.... Could you please confirm?
  - From my point of view, ... Do you agree?
  - I think that..., could you please share me your thought?

- **Multiple choice**

I have below case with 2 expected behavior:

Expected result 1:

Expected result 2:

Could you please share me your expected result?
If you have better option, please le me know

Remind - Test Requirement

EXAMPLE

Request the QnA to Customer

SWIFT TOS MA [Software] / STM-422

[PQC] [Yard Layout View] - QnA: How to set Boundary Plan Priority

Edit | Add comment | Assign | More

Details

Type:	Int_Bug	Status:	CLOSE (View Workflow)
Priority:	Blocker	Resolution:	Done
Affects Version/s:	None	Fix Version/s:	None
Component/s:	False Defect		
Labels:	None		
L1 Category:	6. PQC		
Deploy Request:	Not Deployed		
Internal Watchers:	Missing record with ID: 2018166, Tran Van Dung, Nguyen Thien An,		

People

Assignee:	Nguyen Thien An
Reporter:	Nguyen Thien An
Original Requester:	Nguyen Thien An
PIC(PQC):	Nguyen Thien An

Dates

Created:	2021-10-13 03:15
Updated:	2022-01-22 10:37
Resolved:	2021-11-30 16:56
Closed Date:	2021-11-30 16:56

Agile

View on Board

Slack

In order to see discussions, first confirm access to following workspace(s): MTOS, CyberLogitec EMS QIT_Cyberlogitec, TOS Maintenance

Description

Test Environment:
Browser: Chrome version 94.0.4606.71 (Official Build) (64-bit)
Test Environment: Tomee + Weblogic

Steps:
1. Open menu: Plan & OPR > Yard > Yard Boundary Plan

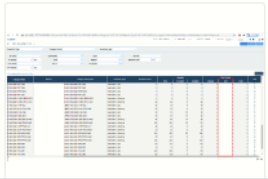
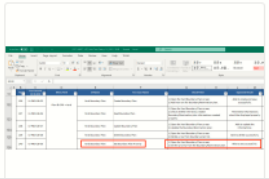
QnA:
According to the Test Case Document, I need to test users can be set Boundary Plan Priority.
But I cannot find the field/control to set it.

Would you mind checking and guiding me to know that?

Many thanks,

Attachments

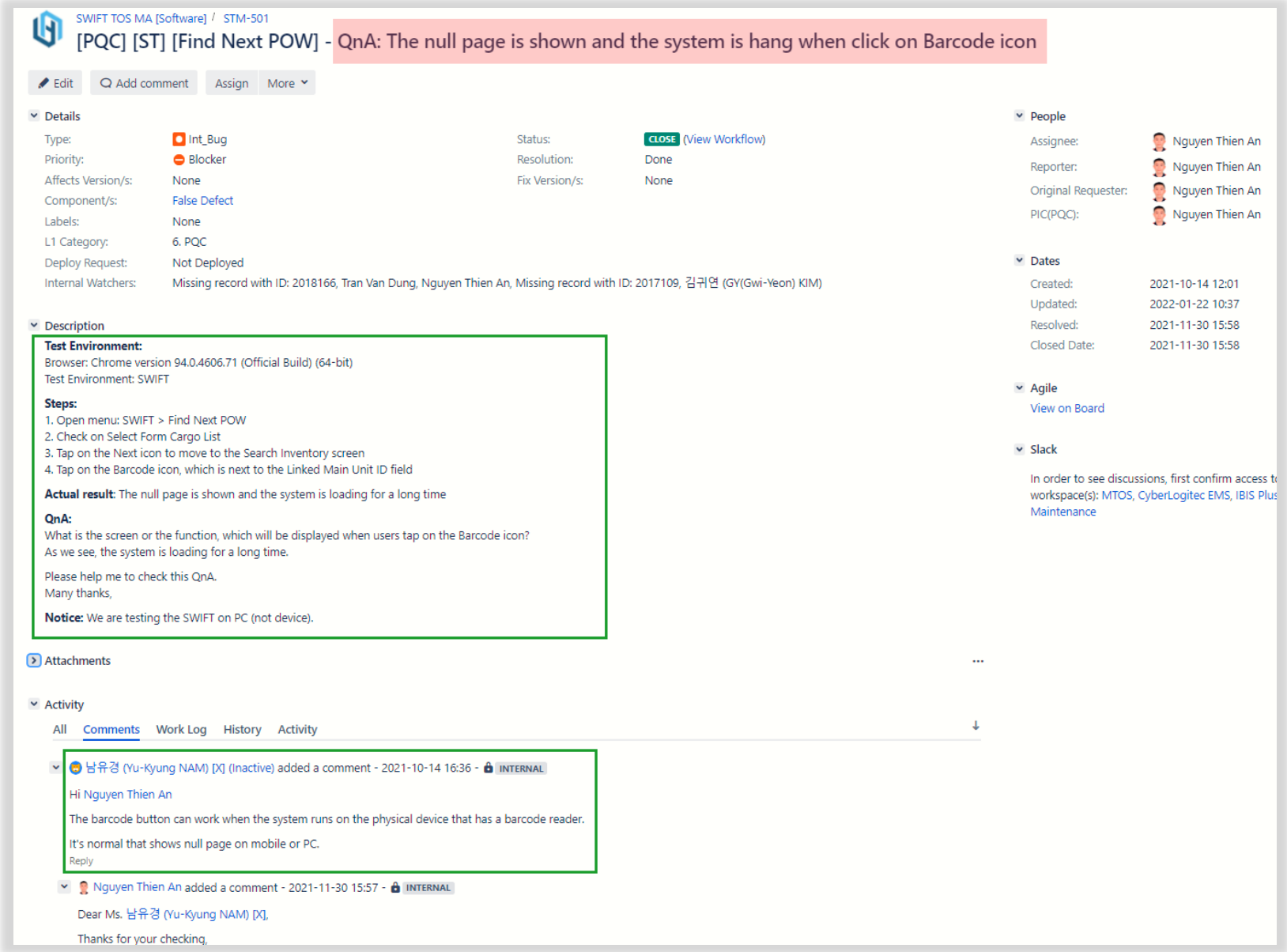
Drop files to attach, or browse.

Remind - Test Requirement

EXAMPLE

Request the QnA to Customer



SWIFT TOS MA [Software] / STM-501

[PQC] [ST] [Find Next POW] - QnA: The null page is shown and the system is hang when click on Barcode icon

Edit | Add comment | Assign | More

Details

Type:	Int_Bug	Status:	CLOSE (View Workflow)
Priority:	Blocker	Resolution:	Done
Affects Version/s:	None	Fix Version/s:	None
Component/s:	False Defect		
Labels:	None		
L1 Category:	6. PQC		
Deploy Request:	Not Deployed		
Internal Watchers:	Missing record with ID: 2018166, Tran Van Dung, Nguyen Thien An, Missing record with ID: 2017109, 김귀연 (GY(Gwi-Yeon) KIM)		

People

Assignee:	Nguyen Thien An
Reporter:	Nguyen Thien An
Original Requester:	Nguyen Thien An
PIC(PQC):	Nguyen Thien An

Dates

Created:	2021-10-14 12:01
Updated:	2022-01-22 10:37
Resolved:	2021-11-30 15:58
Closed Date:	2021-11-30 15:58

Agile

View on Board

Slack

In order to see discussions, first confirm access t
workspace(s): MTOS, CyberLogitec EMS, IBIS Plus
Maintenance

Description

Test Environment:
Browser: Chrome version 94.0.4606.71 (Official Build) (64-bit)
Test Environment: SWIFT

Steps:
1. Open menu: SWIFT > Find Next POW
2. Check on Select Form Cargo List
3. Tap on the Next icon to move to the Search Inventory screen
4. Tap on the Barcode icon, which is next to the Linked Main Unit ID field

Actual result: The null page is shown and the system is loading for a long time

QnA:
What is the screen or the function, which will be displayed when users tap on the Barcode icon?
As we see, the system is loading for a long time.

Please help me to check this QnA.
Many thanks,

Notice: We are testing the SWIFT on PC (not device).

Attachments

Activity

All | Comments | Work Log | History | Activity

남유경 (Yu-Kyung NAM) [X] (Inactive) added a comment - 2021-10-14 16:36 - INTERNAL

Hi Nguyen Thien An

The barcode button can work when the system runs on the physical device that has a barcode reader.

It's normal that shows null page on mobile or PC.

Reply

Nguyen Thien An added a comment - 2021-11-30 15:57 - INTERNAL

Dear Ms. 남유경 (Yu-Kyung NAM) [X],

Thanks for your checking,

Outline

Lession 04

4.1 What is Test Case?

4.2 Test Case Criteria

4.3 Test Case Essentials

4.4 How to write Test Case?

4.5 Other definitions

Test Case

- **Test Case** is a test that (ideally) executes a single well defined test objective.

- Test Case is a specific set of test data and associated procedures developed for a particular objective, such as to exercise a particular program path or to verify compliance with a specific requirement.

- Test Case is a set of **preconditions**, **inputs**, **actions** (where applicable), **expected results** and **postconditions**, developed based on test conditions.

(ISTQB)

Why do we write Test Case

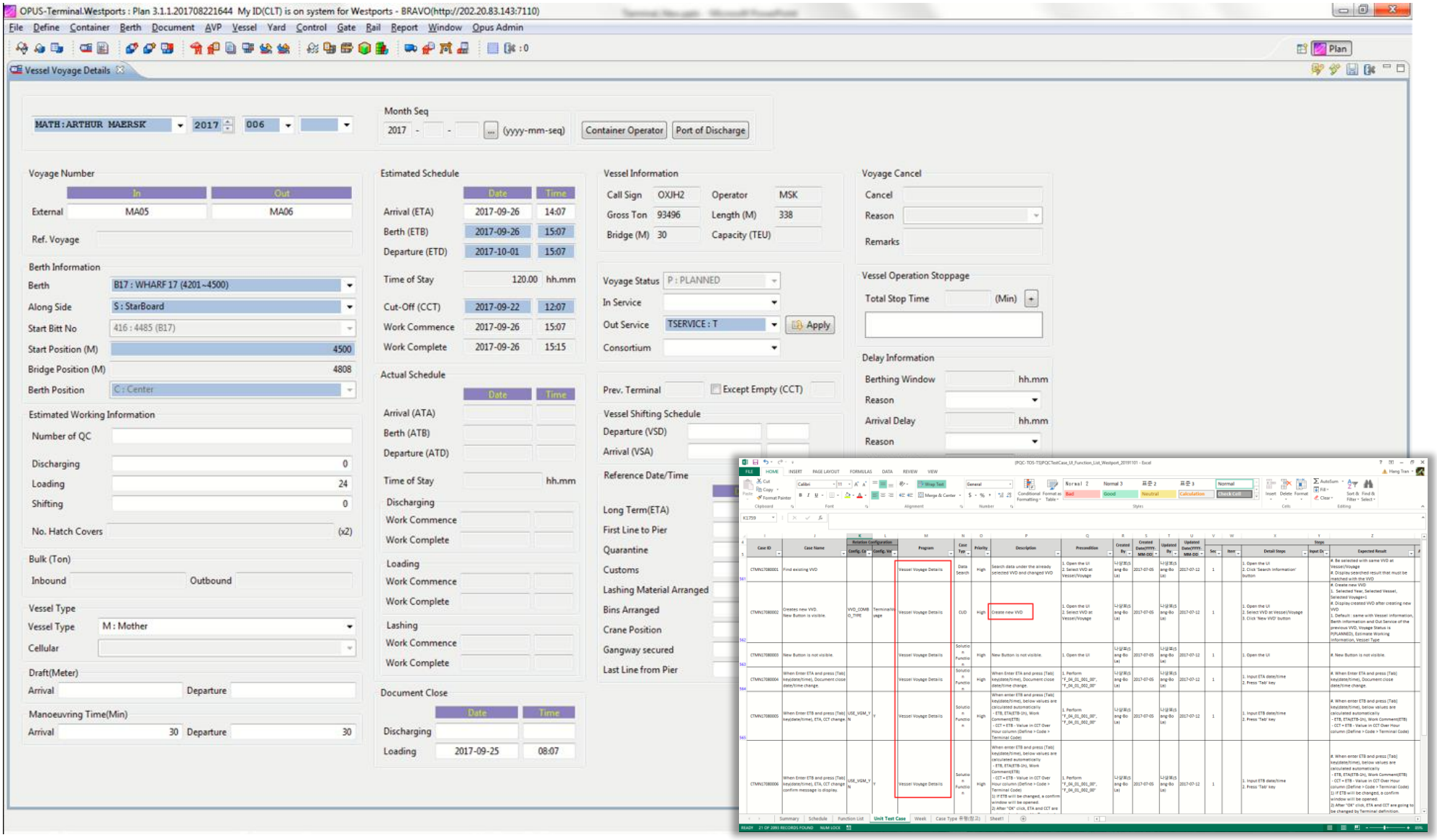
- Accountability
- Reproducibility
- Tracking
- Automation
- To find bugs
- To verify that tests are being executed correctly
- Use as a Training Tool for new testers
- For compliance
- To measure test coverage

Why do we write Test Case

EXAMPLE

Why do we write Test Case

EXAMPLE



Outline

Lession 04

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Test Case Criteria

An excellent test case satisfies the following criteria:

- Neither too simple nor too complex
- Not redundant with other tests *(think of equivalence classes)*
- Best of its breed *(think of boundary conditions)*
- Reasonable probability of catching an error
- Makes program failures obvious

Outline

Lession 04

4.1 What is Test Case?

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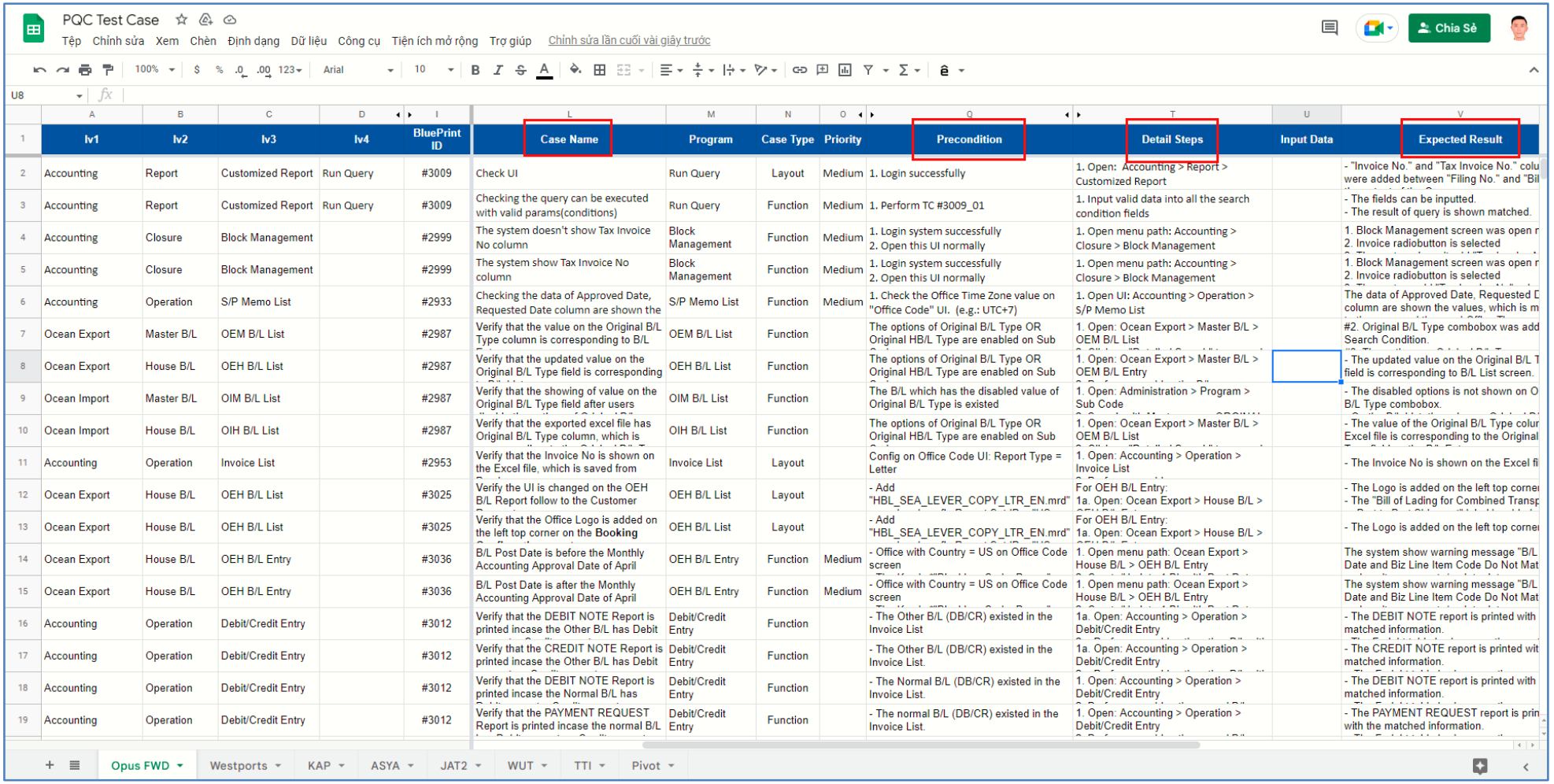
Test Case Essentials

EXAMPLE Logistics Team



PQC Test Case

Tệp Chỉnh sửa Xem Chèn Định dạng Dữ liệu Công cụ Tiện ích mở rộng Trợ giúp Chỉnh sửa lần cuối vài giây trước

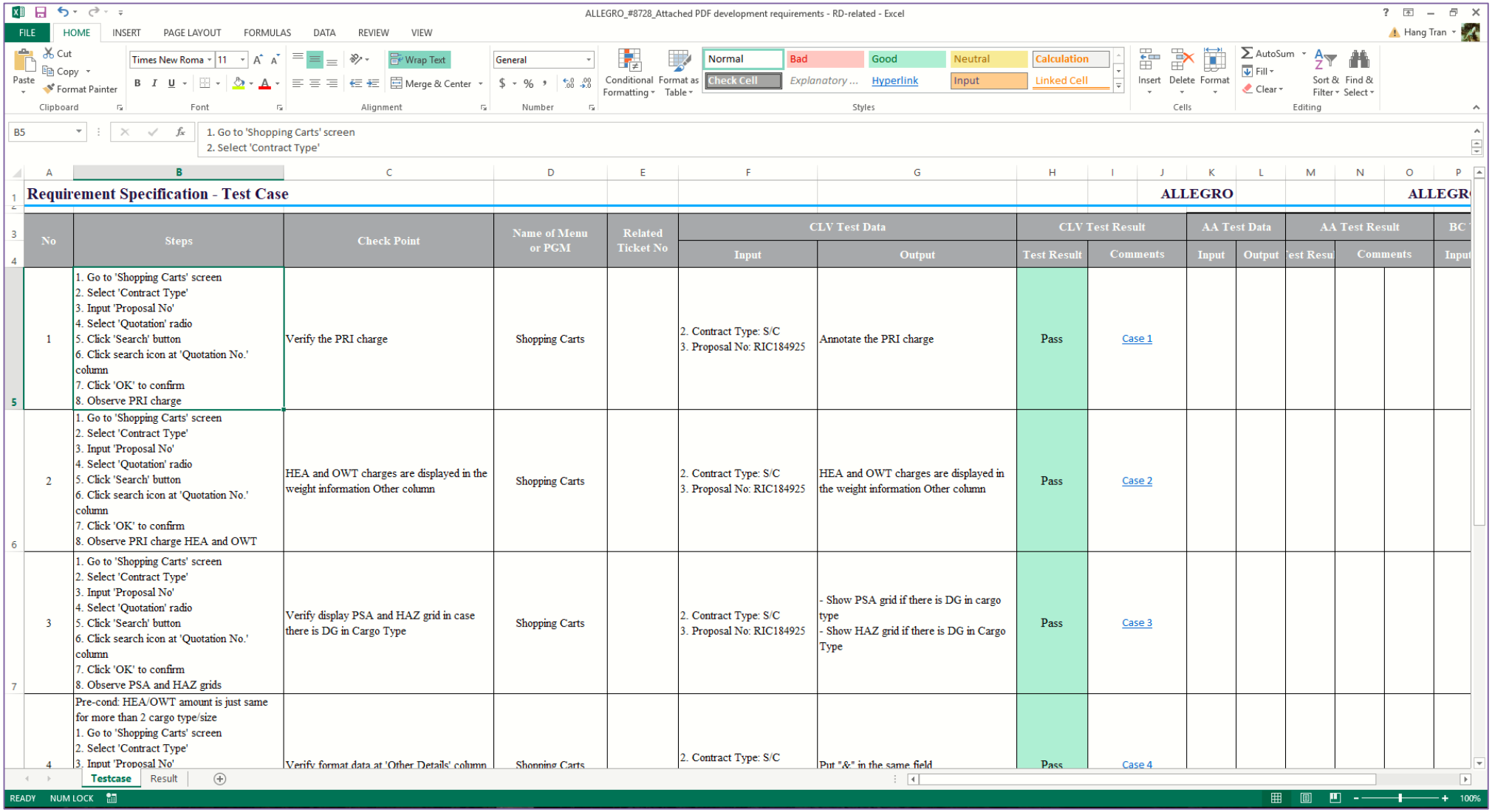
Chia Sẻ

	lv1	lv2	lv3	lv4	BluePrint ID	Case Name	Program	Case Type	Priority	Precondition	Detail Steps	Input Data	Expected Result
2	Accounting	Report	Customized Report	Run Query	#3009	Check UI	Run Query	Layout	Medium	1. Login successfully	1. Open: Accounting > Report > Customized Report		- "Invoice No." and "Tax Invoice No." colu were added between "Filing No." and "Bil
3	Accounting	Report	Customized Report	Run Query	#3009	Checking the query can be executed with valid params(conditions)	Run Query	Function	Medium	1. Perform TC #3009_01	1. Input valid data into all the search condition fields		- The fields can be inputted. - The result of query is shown matched.
4	Accounting	Closure	Block Management		#2999	The system doesn't show Tax Invoice No column	Block Management	Function	Medium	1. Login system successfully 2. Open this UI normally	1. Open menu path: Accounting > Closure > Block Management		1. Block Management screen was open r 2. Invoice radiobutton is selected
5	Accounting	Closure	Block Management		#2999	The system show Tax Invoice No column	Block Management	Function	Medium	1. Login system successfully 2. Open this UI normally	1. Open menu path: Accounting > Closure > Block Management		1. Block Management screen was open r 2. Invoice radiobutton is selected
6	Accounting	Operation	S/P Memo List		#2933	Checking the data of Approved Date, Requested Date column are shown the	S/P Memo List	Function	Medium	1. Check the Office Time Zone value on "Office Code" UI. (e.g.: UTC+7)	1. Open UI: Accounting > Operation > S/P Memo List		The data of Approved Date, Requested D column are shown the values, which is m
7	Ocean Export	Master B/L	OEM B/L List		#2987	Verify that the value on the Original B/L Type column is corresponding to B/L	OEM B/L List	Function		The options of Original B/L Type OR Original HB/L Type are enabled on Sub	1. Open: Ocean Export > Master B/L > OEM B/L List		#2. Original B/L Type combobox was add Search Condition.
8	Ocean Export	House B/L	OEH B/L List		#2987	Verify that the updated value on the Original B/L Type field is corresponding	OEH B/L List	Function		The options of Original B/L Type OR Original HB/L Type are enabled on Sub	1. Open: Ocean Export > Master B/L > OEM B/L Entry		- The updated value on the Original B/L T field is corresponding to B/L List screen.
9	Ocean Import	Master B/L	OIM B/L List		#2987	Verify that the showing of value on the Original B/L Type field after users	OIM B/L List	Function		The B/L which has the disabled value of Original B/L Type is existed	1. Open: Administration > Program > Sub Code		- The disabled options is not shown on O B/L Type combobox.
10	Ocean Import	House B/L	OIH B/L List		#2987	Verify that the exported excel file has Original B/L Type column, which is	OIH B/L List	Function		The options of Original B/L Type OR Original HB/L Type are enabled on Sub	1. Open: Ocean Export > Master B/L > OEM B/L List		- The value of the Original B/L Type colur Excel file is corresponding to the Original
11	Accounting	Operation	Invoice List		#2953	Verify that the Invoice No is shown on the Excel file, which is saved from	Invoice List	Layout		Config on Office Code UI: Report Type = Letter	1. Open: Accounting > Operation > Invoice List		- The Invoice No is shown on the Excel fi
12	Ocean Export	House B/L	OEH B/L List		#3025	Verify the UI is changed on the OEH B/L Report follow to the Customer	OEH B/L List	Layout		- Add "HBL_SEA_LEVER_COPY_LTR_EN.mrd"	For OEH B/L Entry: 1a. Open: Ocean Export > House B/L >		- The Logo is added on the left top corne - The "Bill of Lading for Combined Transp
13	Ocean Export	House B/L	OEH B/L List		#3025	Verify that the Office Logo is added on the left top corner on the **Booking**	OEH B/L List	Layout		- Add "HBL_SEA_LEVER_COPY_LTR_EN.mrd"	For OEH B/L Entry: 1a. Open: Ocean Export > House B/L >		- The Logo is added on the left top corne
14	Ocean Export	House B/L	OEH B/L Entry		#3036	B/L Post Date is before the Monthly Accounting Approval Date of April	OEH B/L Entry	Function	Medium	- Office with Country = US on Office Code screen	1. Open menu path: Ocean Export > House B/L > OEH B/L Entry		The system show warning message "B/L Date and Biz Line Item Code Do Not Mat
15	Ocean Export	House B/L	OEH B/L Entry		#3036	B/L Post Date is after the Monthly Accounting Approval Date of April	OEH B/L Entry	Function	Medium	- Office with Country = US on Office Code screen	1. Open menu path: Ocean Export > House B/L > OEH B/L Entry		The system show warning message "B/L Date and Biz Line Item Code Do Not Mat
16	Accounting	Operation	Debit/Credit Entry		#3012	Verify that the DEBIT NOTE Report is printed incase the Other B/L has Debit	Debit/Credit Entry	Function		- The Other B/L (DB/CR) existed in the Invoice List	1a. Open: Accounting > Operation > Debit/Credit Entry		- The DEBIT NOTE report is printed with matched information.
17	Accounting	Operation	Debit/Credit Entry		#3012	Verify that the CREDIT NOTE Report is printed incase the Other B/L has Debit	Debit/Credit Entry	Function		- The Other B/L (DB/CR) existed in the Invoice List.	1a. Open: Accounting > Operation > Debit/Credit Entry		- The CREDIT NOTE report is printed wit matched information.
18	Accounting	Operation	Debit/Credit Entry		#3012	Verify that the DEBIT NOTE Report is printed incase the Normal B/L has	Debit/Credit Entry	Function		- The Normal B/L (DB/CR) existed in the Invoice List.	1. Open: Accounting > Operation > Debit/Credit Entry		- The DEBIT NOTE report is printed with matched information.
19	Accounting	Operation	Debit/Credit Entry		#3012	Verify that the PAYMENT REQUEST Report is printed incase the normal B/L	Debit/Credit Entry	Function		- The normal B/L (DB/CR) existed in the Invoice List.	1. Open: Accounting > Operation > Debit/Credit Entry		- The PAYMENT REQUEST report is prin with the matched information.

Opus FWD | Westports | KAP | ASYA | JAT2 | WUT | TTI | Pivot

Test Case Essentials

EXAMPLE Shipping Team - Allegro



ALLEGRO_#8728_Attached PDF development requirements - RD-related - Excel

B5: 1. Go to 'Shopping Carts' screen
2. Select 'Contract Type'

Requirement Specification - Test Case — ALLEGRO

No	Steps	Check Point	Name of Menu or PGM	Related Ticket No	CLV Test Data		CLV Test Result		AA Test Data		AA Test Result		BC
					Input	Output	Test Result	Comments	Input	Output	est Resu	Comments	Inpu
1	1. Go to 'Shopping Carts' screen 2. Select 'Contract Type' 3. Input 'Proposal No' 4. Select 'Quotation' radio 5. Click 'Search' button 6. Click search icon at 'Quotation No.' column 7. Click 'OK' to confirm 8. Observe PRI charge	Verify the PRI charge	Shopping Carts		2. Contract Type: S/C 3. Proposal No: RIC184925	Annotate the PRI charge	Pass	Case 1					
2	1. Go to 'Shopping Carts' screen 2. Select 'Contract Type' 3. Input 'Proposal No' 4. Select 'Quotation' radio 5. Click 'Search' button 6. Click search icon at 'Quotation No.' column 7. Click 'OK' to confirm 8. Observe PRI charge HEA and OWT	HEA and OWT charges are displayed in the weight information Other column	Shopping Carts		2. Contract Type: S/C 3. Proposal No: RIC184925	HEA and OWT charges are displayed in the weight information Other column	Pass	Case 2					
3	1. Go to 'Shopping Carts' screen 2. Select 'Contract Type' 3. Input 'Proposal No' 4. Select 'Quotation' radio 5. Click 'Search' button 6. Click search icon at 'Quotation No.' column 7. Click 'OK' to confirm 8. Observe PSA and HAZ grids	Verify display PSA and HAZ grid in case there is DG in Cargo Type	Shopping Carts		2. Contract Type: S/C 3. Proposal No: RIC184925	- Show PSA grid if there is DG in cargo type - Show HAZ grid if there is DG in Cargo Type	Pass	Case 3					
4	Pre-cond: HEA/OWT amount is just same for more than 2 cargo type/size 1. Go to 'Shopping Carts' screen 2. Select 'Contract Type' 3. Input 'Proposal No'	Verify format data at 'Other Details' column	Shopping Carts		2. Contract Type: S/C	Put "&" in the same field	Pass	Case 4					

Testcase | Result

READY NUM LOCK 100%

Test Case Essentials

Item	Description
TC ID	The ID of the Test Case
TC Description	The Description / Objective of the Test Case
Pre-condition	Any Prerequisites of preconditions that muse be fulfilled prior to executing the test.
Steps	Step by step procedure to execute the test.
Input data	The test data, or links to the test data, that are to be used while conducting the test.
Expected Result	The expected result of the test
Actual Result	The actual result of the test, to be filled after executing the test.
Status	Passed, Failed, Blocked, Skipped, N/A
Bug ID	If Status = Failed
Sprint	Test case of any sprint
Test Environment	The environment (hardware / software/ network) in which the test was executed
…	…

Outline

Lession 04

4.1 What is Test Case?

4.2 Test Case Criteria

4.3 Test Case Essentials

4.4 How to write Test Case?

4.5 Other definitions

Test Case Description

- The most important part of a Test Case is the 1-line title describing the objective of the test.
- That 1-line title can be called:
  - Test Title
  - Test Name
  - Test Case
  - Test Objective
  - Test Goal / Purpose
- It is most important because
  - It gives the reader a description and idea of the test
  - A good test name makes review easier
  - Easier to pass to another person
  - Easier to pass to automation team
  - Describes intention of the test
  - In many cases, may be the only part of a test case documented

Test Case Objective - Syntax

- The Objective suggested syntax:

Action + Function + operation condition

In which:

- Function may be function, feature, validation point
- Condition may be data
- Action:
  - Verify
  - Test
  - Validate
  - Prove
  - Execute
  - Print
  - Calculate
  - Run
  - … any action verb

Test Case Objective - Syntax

Action + Function + operation condition

EXAMPLE

Verify that users can check in successfully by clicking on "Punch In/Out" button.

Check the warning message is displayed when users login without inputting Password or UserName.

Write Test Case

EXAMPLE

Test Requirement

- Users can log in BluePrint successfully with valid account

Test Case

Description: Verify that the users can login BluePrint successfully with valid account.

Environment: Google Chrome Version 103.0.5060.134 (64 bit)

Pre-condition: The valid account existed in the system.

Steps:

1. Navigate to the login site
2. Input valid data into the Username textbox
3. Input valid data into the Password textbox
4. Click on “Log in” button

Expected: Login successfully, the home page is displayed.

Actual: Login successfully, the home page is displayed.

Status: Passed

Arrange Test Case

Arrange the Test Cases

- Priority
- Test Case Type (Layout / Function)
- Happy case / Unhappy casse

Outline

Lession 04

4.1 What is Test Case?

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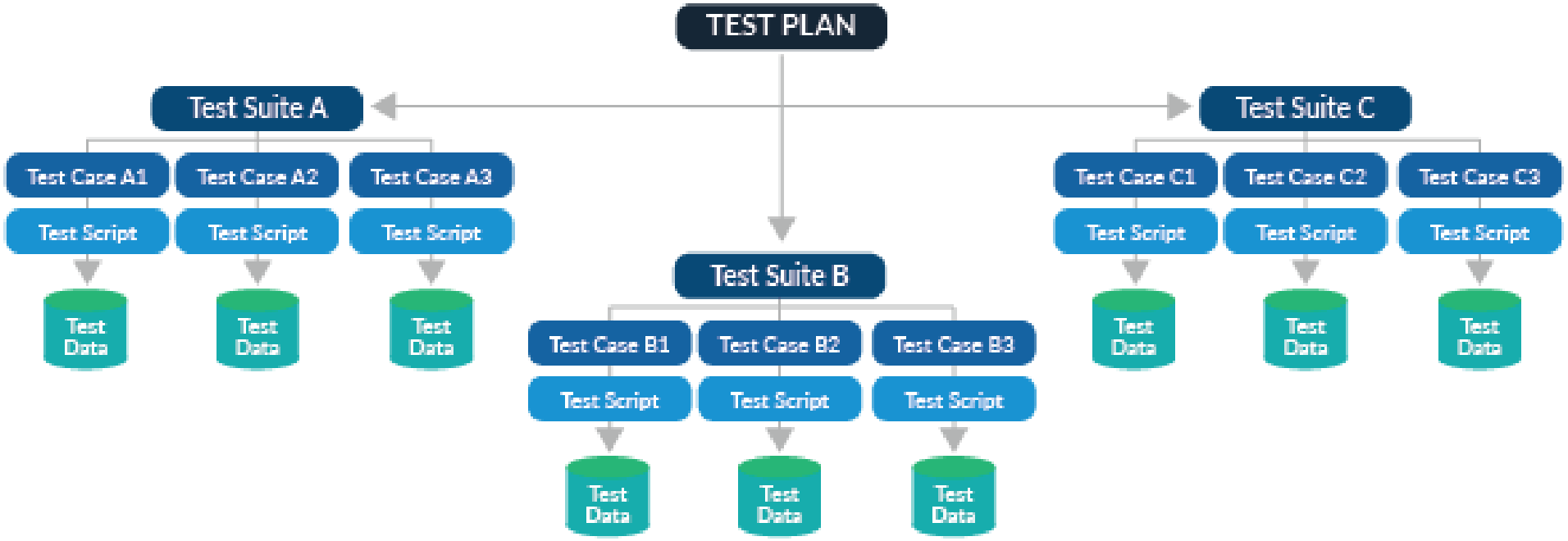
Test Suite

Test suite is a container that has a set of tests which helps testers in executing and reporting the test execution status.



Test Suite

Test Scenario is defined as any functionality that can be tested.

It is also called Test Condition or Test Possibility.

As a tester, you should put yourself in the end user's shoes and figure out the real-world scenarios and use cases of the AUT.

Check List is defined as any Test Requirement List that can be tested.

Practise

Application Under Test: **BluePrint**

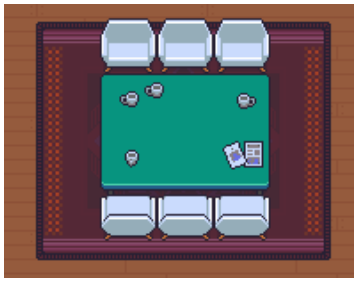
Let's practice create Test Case for **BluePrint**, based on the Test Requirement

Leave Request: Register / Approve / Reject / Cancel process

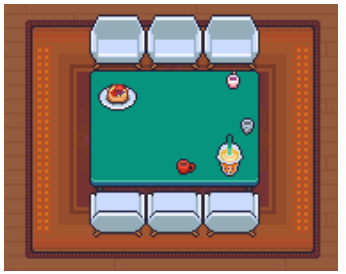
Exercise04_Team<00>.xlsx/xls

Exercise05_Team<00>.xlsx/xls

Deadline: 17g30 – 17g40 on Friday, August 05th, 2022



Team 1	Team 2
My Tran Vy Cao Pham Vo Cuong Hoang Van Huynh	Thao Duong Danh Lu Vi Vo Dung Tran



Thank You

CyberLogitec

VIETNAM

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