

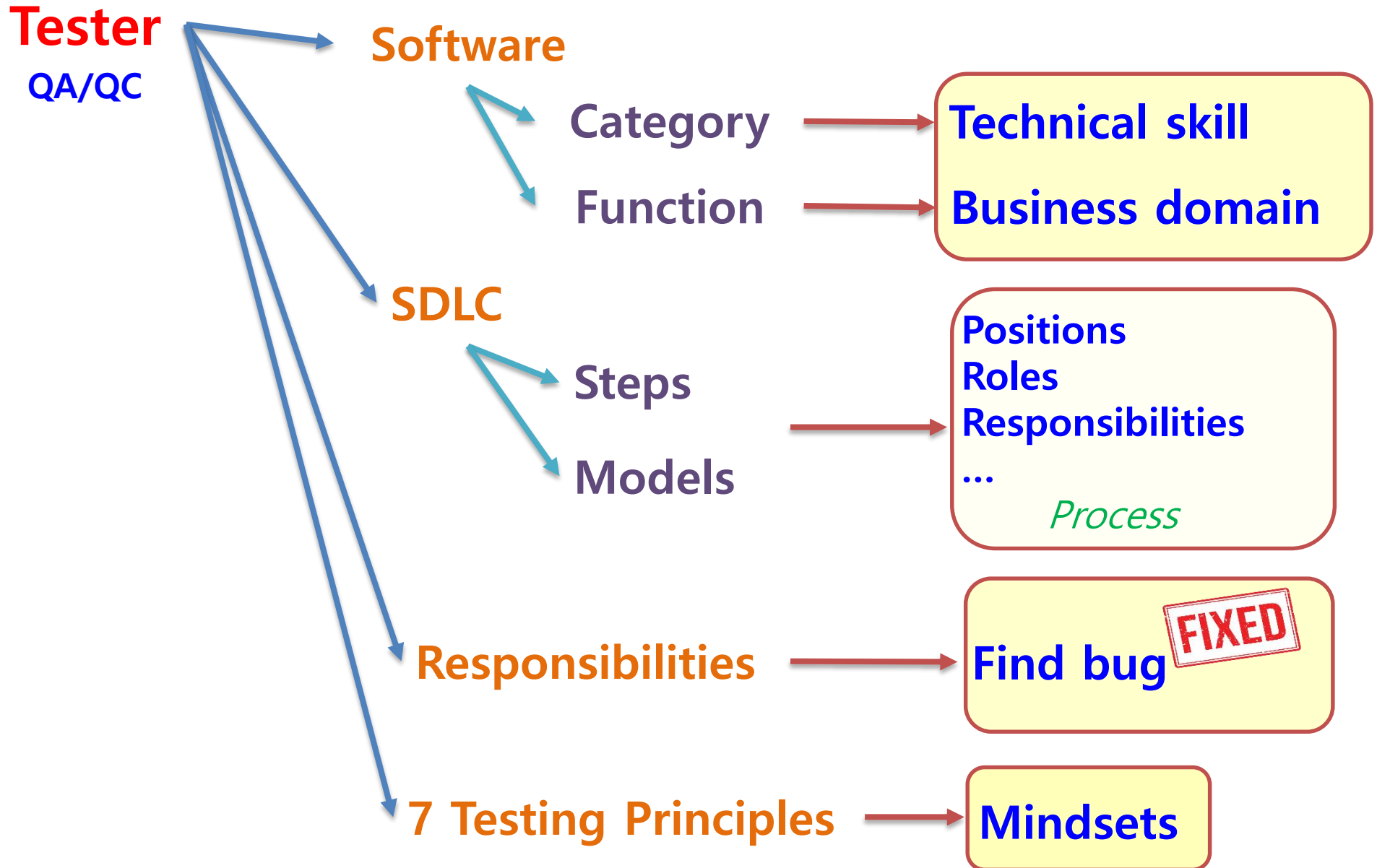
## Test Requirement

Quality Control Training Programs

**CyberLogitec Vietnam Co., Ltd.**

SCETPA Building, 19A Cong Hoa Street, Ward 12,  
Tan Binh District, Ho Chi Minh City, Vietnam  
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# Soft Remind - 1



# Soft Remind - 2

- **Test Process**
- **Test Levels**
  - Unit Test
  - Integration Test
  - System Test
  - Acceptance Test
- **Test Types**
  - Requirement-based Testing
  - Exploratory Testing (Ad-hoc Testing)
  - Smoke Testing
  - Regression Testing
  - Black-Box Testing
  - White-Box Testing
  - Functional Testing
  - Non-functional Testing
- **Psychology of Testing**
- **Manual & Automated Testing**

## Product's Document



## Lesson 03

### **3.1 Product's Document**

3.2 What is Test Requirement (TR)?

3.3 Test Requirement Attributes

3.4 Test Requirement Analyzing

# Product's Document

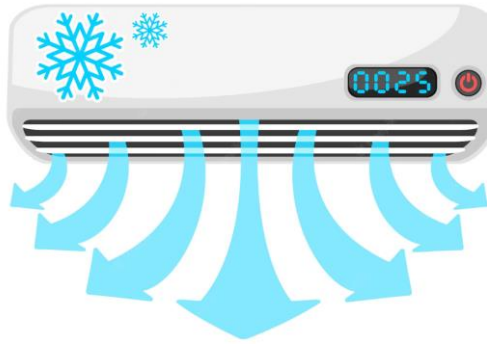
- **Requirement:** the customer's problem or desires
- **Specification:** what you intend to make to solve the problem or meet the desire
- **Design:** how the thing works

# Product's Document

## EXAMPLE

move down the temperature,  
augmented by air conditioner

**Design**



**Requirement**

The room should be cool

**Specification**

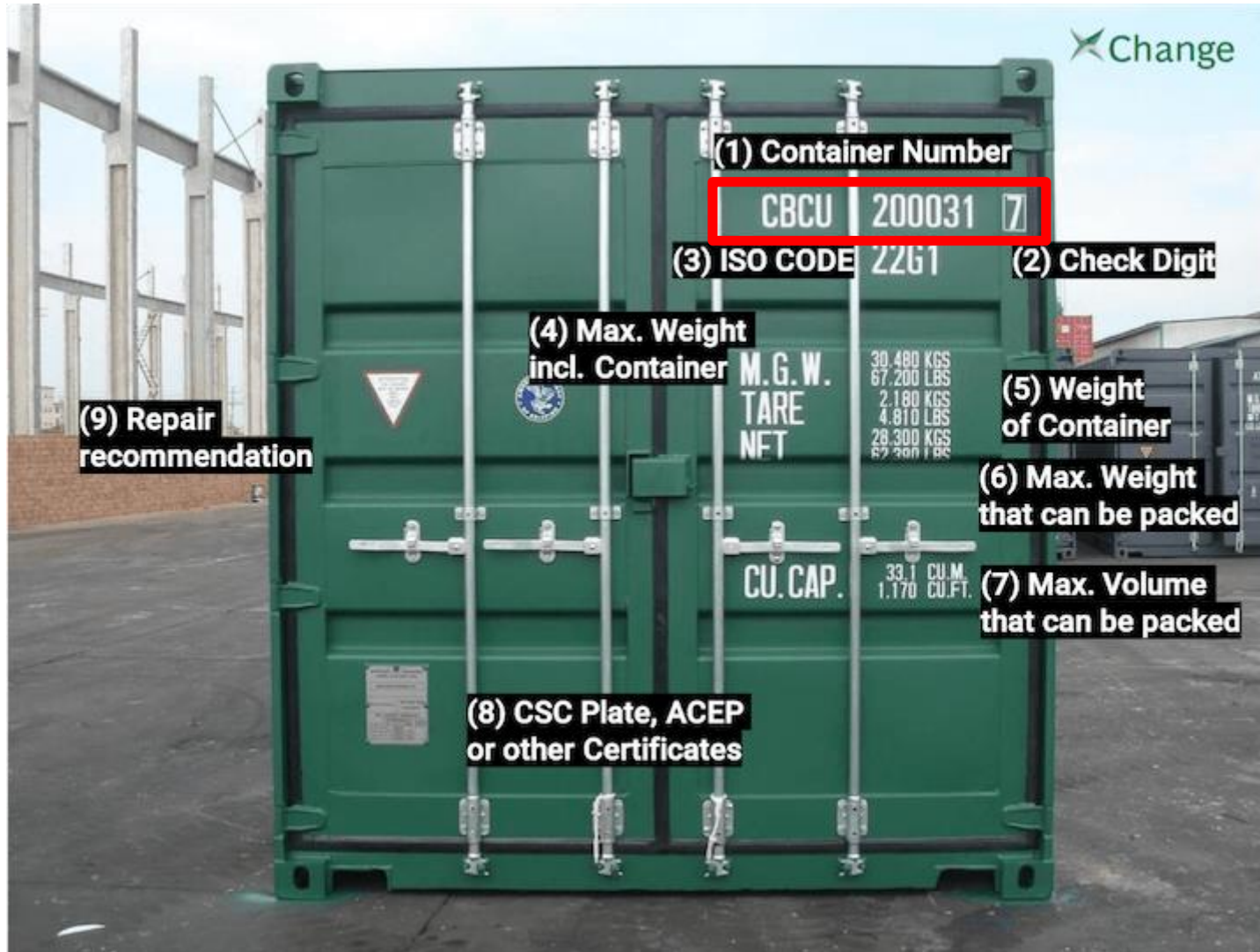
The room will  
be kept between  
22 and 26  
Celsius degrees



# Product's Document

## EXAMPLE

Container No. Format: **TEXT**0000000





# Product's Document

## EXAMPLE

**Requirement:** The system receives the valid **Container No.** only.

**Specification:** The Container textbox will be inputted in the valid format.

The screenshot shows the OPUS TERMINAL interface for creating a Transport Order. The 'Container No.' field is highlighted with a red box, and the 'Digit Check' checkbox is checked. The form includes various fields for T.O. details, vessel information, and delivery options.

**OPUS TERMINAL**

Gate Container Operation OnDock HR Report

Search Save New Delete

**Transport Order**

IN T.O Type ☒ Export In OUT T.O Type ☐ Import Delivery ☐ Export Cancel ☒ Auto Clear After Save  
☐ Empty Storage In ☐ Empty Pickup

T.O Order No. Direct Delivery ☐  
Order Status  
Container No. \*  Digit Check ☒  
Slip Type Bundle ☐

Class Export  
Vessel Code \*  2022  
Voyage \*   
POD \*  FPOD   
OPR \*   
Shipper

Delivery Order No.  
Booking No.  
B/L No.  
Seal No.

ISO \*   
Full / Empty \*   
Weight \*  Ton (Max. 50 Ton)  
☐ Hazardous ☐ Reefer ☐ OOG  
UNNO  IMDG   
Temperature       
Front Rear Left Right Height

Trucking Co.   
Truck License Plate No.   
Gate In Date \* 2022-07-14  
Gate In Time \* 00:00  
Empty Return Dest.   
Remarks

**Hold**

Group	Code	Description

CLOSE

# Product's Document

## EXAMPLE

**Design:** Create the validation to check the inputted value

The screenshot shows the 'OPUS TERMINAL' software interface. The 'Transport Order' form is displayed with the following fields and values:

- IN T.O Type: ☐ Export In, ☐ Empty Storage In
- OUT T.O Type: ☒ Import Delivery, ☐ Empty Pickup
- T.O Order No: [Empty]
- Order Status: [Empty]
- Container No.: TEST123
- Slip Type: [Empty]
- Direct Delivery: ☐
- Digit Check: ☒
- Bundle: ☐
- Class: Export
- Vessel Code: [Empty]
- Trucking Co.: [Empty]
- Truck License Plate No.: [Empty]
- Gate In Date: 2022-07-14
- Gate In Time: 12:00

An 'Alert' dialog box is shown in the foreground with the message: "Container is not available for Import Delivery, please check Container No." and an 'OK' button.

The screenshot shows the 'OPUS TERMINAL' software interface with the 'Transport Order' form. The 'OUT T.O Type' is now set to 'Export Cancel'. The form contains the following data:

- IN T.O Type: ☒ Export In, ☐ Empty Storage In
- OUT T.O Type: ☐ Import Delivery, ☒ Export Cancel
- T.O Order No: 2207141159
- Order Status: Ready
- Container No.: SEGU7330169
- Slip Type: [Empty]
- Direct Delivery: ☐
- Digit Check: ☒
- Bundle: ☐
- Class: Export
- Vessel Code: CMCO : CMA CGM CONK
- Voyage: 005/2022
- POD: AEJEA
- OPR: CMA : CMA
- Shipper: [Empty]
- Trucking Co.: THUYTEST
- Truck License Plate No.: THTEST01
- Gate In Date: 2022-07-14
- Gate In Time: 00:00
- Empty Return Dest.: [Empty]

A 'Successful' dialog box is shown in the foreground with the message: "Save done with 2207141159" and an 'OK' button.

# Product's Document

## Some Product's Document:

- Software Requirement Specification (SRS)
- Business Specifications
- Use case Diagram
- Data Dictionary and Glossary
- User Story
- UI Specifications
- Function Specifications
- UI / UX Design

# Product's Document

## EXAMPLE

## ONE project – Business Specifications

### Business Specifications for System Change Request

## CR BIZ SPECS

**ONE** OCEAN  
NETWORK  
EXPRESS

*Important: When completing this form, please replace the examples with your own input. Please note that all fields are mandatory.*

**CR No. (Assigned by BPM)** CR0014764

**Requesting Region/BPM** LONHQ / RSD

#### 1. Summary Description

*In this field, CR creator must provide a summarised version of the request proposed.*

Develop 2 new OPUS POP-UP messages that CSVS have requested to reduce human error & improve data integrity

1- A POP-UP message when the user moves from TRO tab to CNTR tab to remind the user to save their data.

2- A POP-UP message when VVD or Route is amended in a BKG with CNTR volume <1 (Partial CNTR) to advise user that CNTR is also linked to another BKG & they must update the same VVD/Route in that BKG as well.

#### Benefits

**Description**  
Creator should provide a brief explanation of the request benefits

It will benefit CSVC teams globally by improving by reducing human error & improve data integrity

#### Type

Creator should provide the type of request (remove the types that are not applicable)

c. Process Improvement  
d. Defect Correction

#### Expected Return (ROI)

1- USD 866.70 per year (based on 160min per month)

#### 2. Business Objective / Alignment

*In this field, CR creator should inform the business objective of this CR, summarizing how the request is in line with business needs*

The addition of these pop-up messages would increase the efficiency of CSVC teams by improving the current process and giving users the appropriate direction.

#### 3. Departments & Processes Affected

*In this field, CR creator must inform the departments, platforms & processes informed*

- a. Departments: CSVC/ Documentation team, Onshore and Off-Shore
- b. Platforms: OPUS only
- c. Processes: TRO/O & TRO/I completion, VVD/Route information amendment

#### 4. As-Is

*In this field, CR creator must provide an explanation of the current scenario and its impact on business/process.*

##### 1-

Service Management > Booking/Documentation > Booking > Booking > Booking Creation [Alt+1]

TRO Tab

- Departments: CSVC - Onshore & Offshore
- Platforms: OPUS
- Processes: completing TRO Tab
- Currently when the user moves from TRO tab to CNTR tab without saving the system does not prompt the user to save their data.
- Risk: Data is lost if user does not click Save
- Proposal: A pop-up asking user if they want to save their data when moving from TRO tab to CNTR tab

Booking Creation (ESH\_BKG\_0079) >

BKG Creation(T) TRO ID TRO ID CNTR ID Customer(S) MISC(S) CMTY Charged(S) B/L Issue(S) House B/L(15)

BKG No. ANR000000000 B/L No. ANR000000000

Buttons: Return Save All Save Confirm Cancel / Rebook TRO Copy TRO Notice Add

Bound: CNTR Status: I

TAVD: EAST 0207 W Route: CHRS NALTM USANC USCH Return CY: 22

Change: HCRS Euflex Autocall Cargo Type: I Resolving Term: D

Customer: BE 500053 CARROLL NV

+ Total Volume

19/02 Total Qty: CH MFI

00 1 1 0

CNTR Seq: 1 Sub: 1 CNTR No.: 1 19/02 03 Main D/S Seq: A/L Seq:

Headlog: C Cargo Weight: 12,000 KGS Pkg: CY Return CY: 0000022 Return Date: 2021-03-23 09:00 Comm: Office

Commodity: 230000 Reg. Commodity: 2306 (FOOD PREP) Mode: Rail Pkg Date:

Type: Door Location/Zone: CHRS 21 P Load Ref: 4000000 Zip: 4000 Multi Stop

Company: STELTEN Door Arrival Date: 2021-03-17 10:00 Add

Address: BATAVIASTR 15 KINH 4700 DE Contact Name: MR GERMANN

Tel: +49 2151 522 555 1 of 1

E Mail: Delete

Vendor Special Instruction: PLEASE CALL FOR APPOINTMENT BKG Ref: N014105050 BKG SW Ref: N014000050 Customer Remarks:

TRO Confirmation: Yes Date/Time: 2021-03-02 10:09 Office: ANR000 User: louise.hoerns@one-ir

S/O No.: 47362125058 Date/Time: 2021-03-02 15:57 Office: 470000 User: marlene.rehman@one-ir

##### 2-

Service Management > Booking/Documentation > Booking > Booking > Booking Creation [Alt+1]

# Product's Document

## EXAMPLE

## ONE project – Functional Specifications

Program ID	Imp.Type	Type of Dev.	Menu
ESM_BKG_0079_02A	UI	Modification	Service Management > Booking/Documentation > Booking > Booking > Booking Creation [Alt + 1]
ESM_BKG_0079_02C	UI	Modification	Service Management > Booking/Documentation > Booking > Booking > Booking Creation [Alt + 1]
ESM_BKG_0079_01	UI	Modification	Service Management > Booking/Documentation > Booking > Booking > Booking Creation [Alt + 1]

--> CR owners describe Program IDs that will be changed through CR. Those who are not CR owners describe only the Program IDs that they change.

### 2. Process Description

Process Screen / Required Business Logic / Prerequisite Condition

--> If a business process is added or changed due to this CR, we describe the process by referring to BS.

1-

Service Management > Booking/Documentation > Booking > Booking > Booking Creation [Alt+1]

TRO Tab

- In the TRO Tab of the BKG a pop-up asking user if they want to save their data when moving from TRO tab to CNTR tab
- This is useful for OPUS user so that they do not lose all data they have entered, because this validation POP-UP shows on the other tabs.

Booking Creation ( ESM\_BKG\_0079 )

BKG Creation(1) TRO/O TRO/I CNTR(4) Customer(5)

BKG No. ANRB06998400 B/L No. ANRB06998400

Bound O/B Status F

T/VVD BABT 0207 W Route DEKRE NLRTM USNYC USCHI Return CY DEDUI 22

Danger ☐ HCDG ☐ Reefer ☐ Awkward Cargo Type F Receiving Term D

Customer BE 500053 CARGILL NV

CNTR Seq. 1 Sub 1 CNTR No. TP/SZ D2 Multi D/G Seq. R/F Seq. A/K Seq.

Haulage C Cargo Weight 17,500 KGS P/Up CY Return CY DEDUI22 Return Date 2021-03-22

Commodity 210690 Rep. Commodity 2106 FOOD PREPA Mode Rail P/Up Date T1 Revenue

Type Door Location/Zone DEKRE Z1

Company STELTEN

Address BATAVERSTR 15 Krefeld 47809 DE

Load Ref. 40000586 Zip 4809

Door Arrival Date 2021-03-17 10:00

Contact Name MR GEHRMAN


Tel. +49 2151 522 555

apply this to both EU and non-EU TRO tabs.

Cover Effort Estimation FS Matrix Difficulty

# Product's Document

## EXAMPLE LOGISTICS project – User Story

 Forwarding v4\_ITO [Software] / OFVFOUR-8115  
**[BNX] Adding Berth Date Field in OIM and OIH Entry**

EditAdd commentAssignMoreConfirm Request

Details

Type:Service Request

Priority:High

Affects Version/s:None

Component/s:None

Labels:None

L1 Category:Requirement

Deploy Request:Not Deployed

Evaluation:NA

Customer:Forwarding

Organizations:

Customer Ticket No:FWSD-744

Internal Watchers:Nguyen Huu Vi, Tran Van Tien, Logistics Helpdesk, Tran Van Dung, Yew Lim, Nguyen Thien An, Nguyen Vo Le Tran Huynh, Hanh Nguyen Thi, ...

Status:IN PROGRESS (View Workflow)

Resolution:Unresolved

Fix Version/s:None

Description

(1) Customer Company: BNX-LA

(2) User Name & Email: Ray Song

(3) Module Name:

Ocean Import > Master B/L > OIM B/L Entry

Ocean Import > House B/L > OIH B/L Entry

BNX said due to port congestion, the berth date is getting more important than ATA and it should be managed in the system.

Please review the below request and advise if it is doable.

a. Add New Berth Date field in OIM and OIH BL Entry

b. Berth Date input/update from OIM Entry should sync to Berth Date in OIH Entry

c. Add Berth Date Column next to ETA in A/N

OIM B/L Entry

Ocean Import > Master B/L > OIM B/L Entry

Filing No. NOIF-73563PMB/L No. P

Master B/L EntryContainerMark & DescFreightWork OrderShipping DocumentStatus

Berth Date

People

Assignee:최운석(Yoon Choi)  
Assign to me

Reporter:최운석(Yoon Choi)

Original Requester:최운석(Yoon Choi)

PIC:최운석(Yoon Choi)

PIC(AA):오지건 (Ji-Gun OH)

PIC(CLV):Nguyen Duc Thinh

PIC(PQC):Nguyen Thien An

Dates

Created:2022-05-27 07:45

Updated:2022-07-13 11:07

Planned Start Date:2022-05-31 10:10

Planned End Date:2022-06-06 10:10

Actual Start Date:2022-05-31 10:10

Time Tracking

Estimated:32h

Logged:39.5h

Agile

View on Board

Slack

In order to see discussions, first confirm access to your Slack account(s) in the CyberLogitec EMS, IBIS Plus, Next Logistics, QIT\_Cyberlogitec, TOS Maintenan

Git Integration

# Product's Document

## EXAMPLE LOGISTICS project – User Story

The screenshot shows a ClickUp task card within a workspace named 'New FWD'. The task is titled 'Enhancement Vendor contract detail (5 USP)' and is assigned to a team. The task description includes a list of UX enhancements and a new prototype for service scope popups. The right sidebar shows the task's history, including its creation and status changes. The bottom of the card features a 'To Do' section and a 'SUBTASKS' section.

**Task Details:**

- Title:** Enhancement Vendor contract detail (5 USP)
- Status:** Done
- Assignees:** TN, [Avatar]
- Created:** Jun 28, 4:41 pm
- Due Date:** Jul 6

**Task Description:**

- UX enhancement
  - Move search icon into inside text fields
  - The message follows new rule
  - add padding for dropdown list
  - modify field created & updated
  - move document to new toggle
  - change description from text box to text area
  - remove request by, approval by in service scope grid
  - remove status, ACCEPT STAFF/TEAM, ACCEPT DATE in rate grid
- New prototype for Service scope popup, Route popup, Rate popup

**Task History:**

- Tu Nguyen created this task (Jun 28 at 4:41 pm)
- > 17 more updates
- Thang Nguyen changed status from Pending to In Progress (Jul 11 at 1:08 pm)
- Thang Nguyen changed status from In Progress to Done (Jul 11 at 1:09 pm)

**Task Management:**

- Show 18 empty fields
- Add or edit fields
- To Do: Add
- Subtasks: New subtask

**Footer:**

Drop files here to attach or [browse](#)

Comment or type '/' for commands

● ● ●

# Project Dictionary





## Lesson 03

3.1 Product's Document

**3.2 What is Test Requirement (TR)?**

3.3 Test Requirement Attributes

3.4 Test Requirement Analyzing

# What is 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

# What is Test Requirement

## EXAMPLE

### Functional

- Users can log in BluePrint successfully with valid account.

### Non-Functional

#### Look & Feel

- Password must be encrypted

#### Boundary

- Username must have at least 8 characters

#### Negative

- Error message is displayed when entering special characters into Username textbox



# What is 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.

## Lesson 03

3.1 Product's Document

3.2 What is Test Requirement (TR)?

**3.3 Test Requirement Attributes**

3.4 Test Requirement Analyzing

# Requirement Attributes

Boehm lists the attributes of good software requirements:

- Written
- Specific
- Complete
- Correct
- Feasible
- Consistent
- Prioritized
- Clear / Unambiguous
- **Verifiable**
- Concise
- In Understandable language



## Lesson 03

3.1 Product's Document

3.2 What is Test Requirement (TR)?

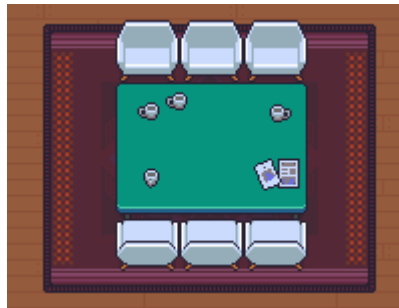
3.3 Test Requirement Attributes

**3.4 Requirement Analyzing** 

# Requirement Analyzing

- 1/ No Requirement
- 2/ Requirement is out of date
- 3/ Changed Requirement
- 4/ Requirement is not clear
- 5/ Requirement is not consistent

Group 1	Group 2	Group 3
Pham Vo Vy Cao Thao Duong	Danh Lu My Tran Vi Vo	Cuong Hoang Van Huynh Dung Tran





# Requirement Analyzing

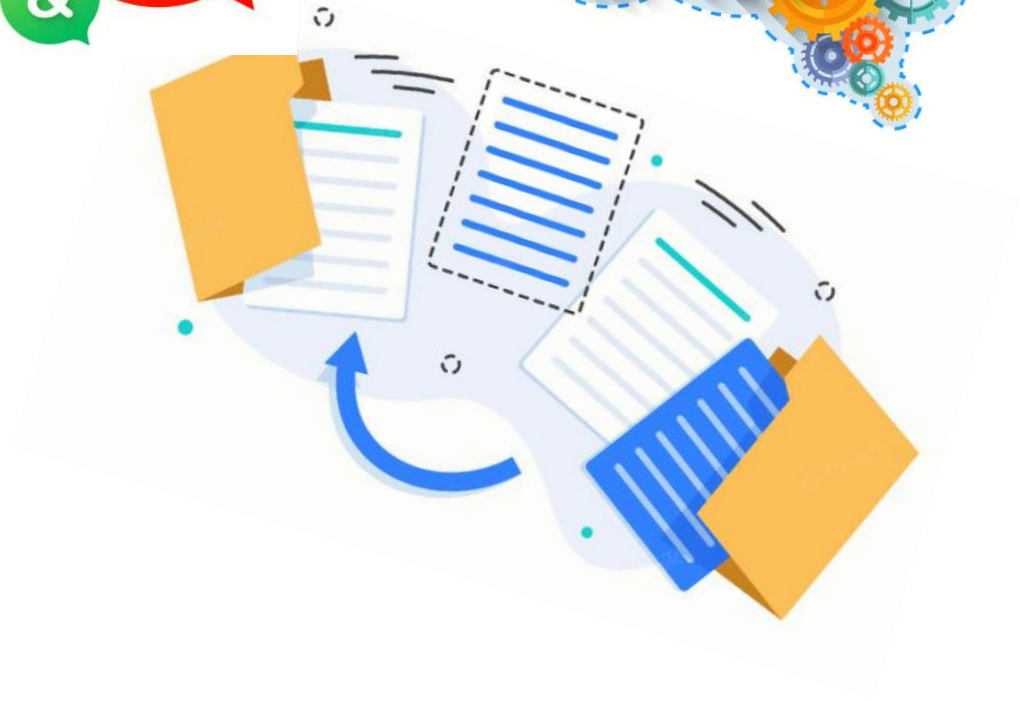
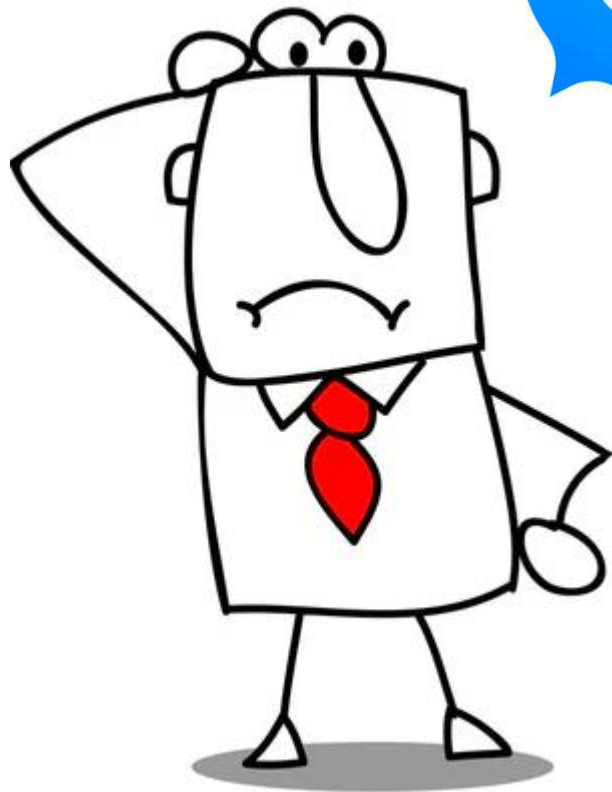
## How do analyze Requirements effectively?

- Understanding Overview of the Poject
  - Customer, Project field, Context,...
- Understanding whole business domain of a system or a module
  - Business flow, Data flow, Business logic,...
- Understanding the main function and non-function

### EXAMPLE



# Requirement Analyzing



# Requirement Analyzing

## Request the QnA to Customer

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

BGGP OPUS Terminal [Software] / BGGP-2037

11 of 329

[PQC][Swap function] - QnA: Question about the logic of the swap function

Edit

Q Add comment

Assign

More

Cancel

Feedback

In Progress

Share

Export

Details

Type:

Int\_Issue Management

Status:

REVIEW (View Workflow)

Priority:

High

Resolution:

Unresolved

Affects Version/s:

None

Fix Version/s:

None

Component/s:

None

Security Level:

CLT Internal Users Share

Labels:

None

Field Tab

Module

Deploy Request:

Not Deployed

Internal Watchers:

Tran Van Dung, 김귀연 (GY(Gwi-Yeon) KIM)

Description

Dear Mr. 오부일 (BI(Boo-II) OH)

I saw the "Swap" function was added to Vessel Service, Vessel Voyage Details, and QC Working List screens as mentioned document but there is an exiting the Swap Condition (for QC's Loading Job) screen to configure the swap conditions for QC Loading job. I don't understand the relationship between this screen (the Swap Condition (for QC's Loading Job) ) and the screens with added swap function and how they work together. (Pic 1, Pic 2)

I tried to check with my scenario but the result is not expected (Pic 3 -> Pic 6).

Could you help me explain more about it and guide me to a test scenario for this relationship?

Many thanks.

People

Assignee:

오부일 (BI(Boo-II) OH)

Assign to me

Reporter:

Le Thi Thu Hien

Original Requester:

Le Thi Thu Hien

PIC(PQC):

Le Thi Thu Hien

Dates

Created:

2022-05-23 19:15

Updated:

2022-06-17 09:28

Agile

View on Board

Slack

In order to see discussions, first confirm access to your Slack account(s) in the following workspace(s): MTOS, CyberLogitec EMS, IBIS Plus, Next Logistics, QIT\_Cyberlogitec, TOS Maintenance

## \* 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 let me know

# Practice – Team 1

Application Under Test: **BluePrint**

Let's practice create some Test Requirement & QnA for the **BluePrint** application

**Function: Login & Logout system**










# Practice – Team 1

Application Under Test: **BluePrint**

Let's practice create some Test Requirement & QnA for the **BluePrint** application

## Punch In/out function



Check In/Out

Month 07 Year 2022 Search

Date	In	Out	Working Holiday	Leave Request
Jul 01, 2022			Business Day	
Jul 02, 2022			Weekend	
Jul 03, 2022			Weekend	
Jul 04, 2022			Business Day	
Jul 05, 2022			Business Day	
Jul 06, 2022			Business Day	
Jul 07, 2022			Business Day	
Jul 08, 2022			Business Day	
Jul 09, 2022			Weekend	
Jul 10, 2022			Weekend	
Jul 11, 2022			Business Day	
Jul 12, 2022			Business Day	
Jul 13, 2022			Business Day	
Jul 14, 2022			Business Day	
Jul 15, 2022			Business Day	
Jul 16, 2022			Weekend	
Jul 17, 2022			Weekend	
Jul 18, 2022			Business Day	
Jul 19, 2022			Business Day	
Jul 20, 2022			Business Day	
Jul 21, 2022			Business Day	
Jul 22, 2022			Business Day	
Jul 23, 2022			Weekend	
Jul 24, 2022			Weekend	
Jul 25, 2022			Business Day	
Jul 26, 2022			Business Day	
Jul 27, 2022			Business Day	
Jul 28, 2022			Business Day	
Jul 29, 2022			Business Day	
Jul 30, 2022			Weekend	
Jul 31, 2022			Weekend	

Punch In/Out Leave Request

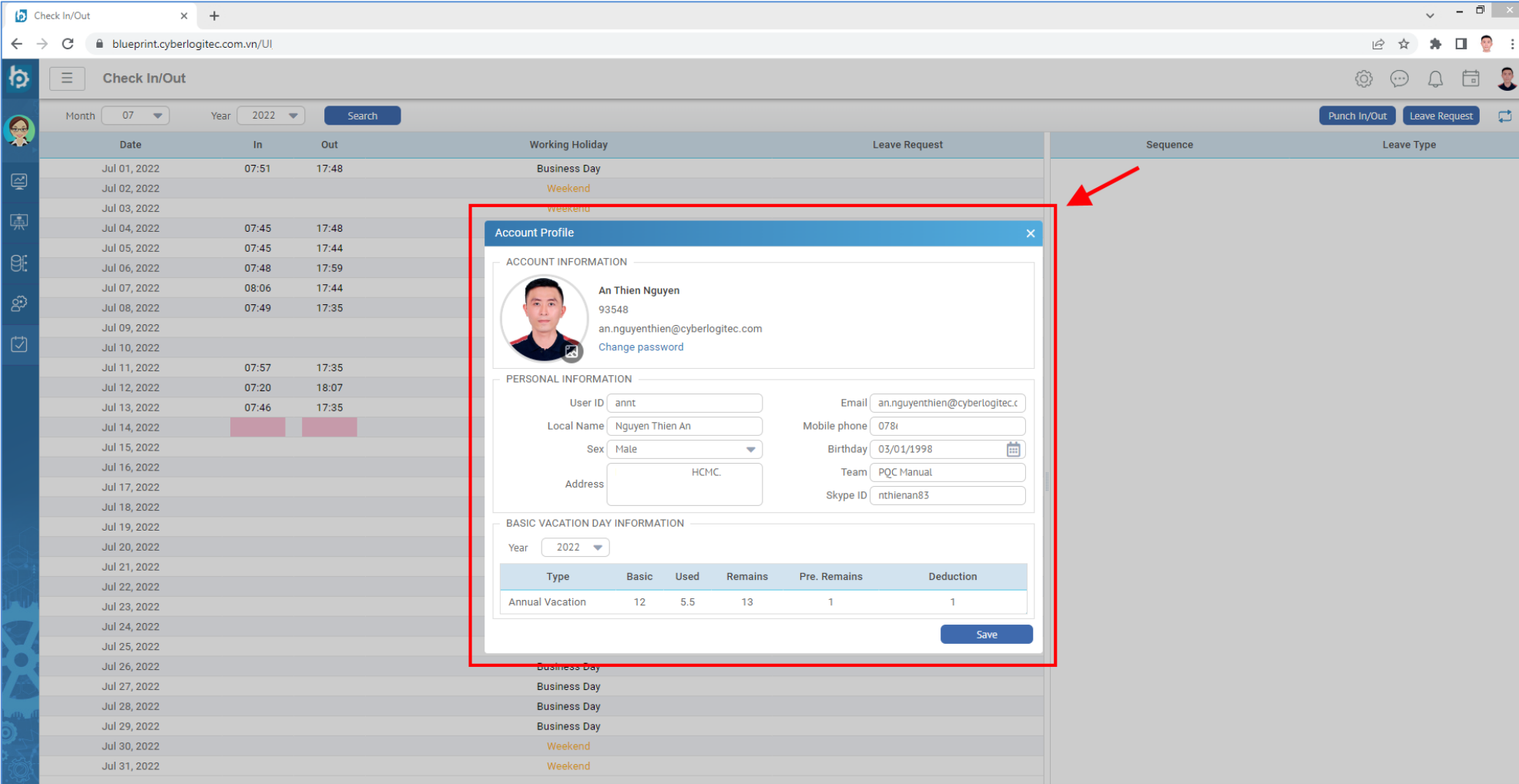
Sequence	Leave Type
----------	------------

# Practice – Team 2

Application Under Test: **BluePrint**

Let's practice create some Test Requirement & QnA for the **BluePrint** application


## Update Account Profile



The screenshot displays the BluePrint application interface. The main window shows a 'Check In/Out' table with columns for Date, In, Out, Working Holiday, and Leave Request. The table lists dates from July 01, 2022, to July 31, 2022. A modal form titled 'Account Profile' is open, allowing users to update their account information. The modal is divided into three sections: Account Information, Personal Information, and Basic Vacation Day Information. A red arrow points to the modal from the right side of the screen.

**Account Profile**

**ACCOUNT INFORMATION**

 **An Thien Nguyen**  
93548  
an.nguyenthien@cyberlogitec.com  
[Change password](#)

**PERSONAL INFORMATION**

User ID:  Email:   
Local Name:  Mobile phone:   
Sex:  Birthday:   
Address:  Team:   
Skype ID:

**BASIC VACATION DAY INFORMATION**

Year:

Type	Basic	Used	Remains	Pre. Remains	Deduction
Annual Vacation	12	5.5	13	1	1

[Save](#)

# Practice – Team 3

Application Under Test: **BluePrint**

Let's practice create some Test Requirement & QnA for the **BluePrint** application

## Update Information of the ticket

**Ticket #7179**

**CATEGORY:** Testing » Manual

**RELATED RQMT:**

**RELATED UI:**

**WATCHER:**

**ITERATION:** Internal

**PROCESS:** Reporting

**DUE DATE:** May 23, 2022

**EFFORT POINT:** 0

**STATUS:** In Processing

**CLASSIFY:** Public

**Phase:** Register (May 13, 2022, 17:05), Confirmation (May 14, 2022, 17:37), Solving (May 23, 2022, 14:59), Finish (May 23, 2022, 17:30)

**PIC:** An Thien Nguyen, Dung Van Tran

**Type:** DOCUMENTATION

**Title:** Weekly report (May 16, 2022 - May 20, 2022)

**Important:** NORMAL

**Project:** OPUS FWD & New FWD

**May 16:**

- OPUS FWD**
- Join Accounting course training - 2.5h
- Execute Release ticket: #5416, #5420
- Support assign tasks and check Bug
- Support to make the chart & CAPA Template

**May 17:**

- NEW FWD**
- Join meeting with the Project team
- OPUS FWD**
- Execute Release ticket: #5455
- Support assign tasks and check Bug
- Support to make the chart & CAPA Template

**History:**

- An Thien Nguyen (May 17, 2022, 17:28): **CHANGED CONTENT:** Solving
- An Thien Nguyen (May 17, 2022, 17:28): **ADDED TIME WORKED:** Solving  
Phase Name: Solving  
Job Category: Perform Testing  
Time Worked : 8 Hour  
Date: May 17, 2022
- An Thien Nguyen (May 16, 2022, 23:59): **CHANGED CONTENT:** Solving
- An Thien Nguyen (May 16, 2022, 14:33): **CHANGED CONTENT:** Solving
- An Thien Nguyen (May 16, 2022, 14:32): **ADDED TIME WORKED:** Solving  
Phase Name: Solving  
Job Category: Perform Testing  
Time Worked : 8 Hour  
Date: May 16, 2022
- An Thien Nguyen (May 14, 2022, 23:19): **CHANGED STATUS:** Solving  
From: Open  
To: In Processing

Leave a comment ...



# Practice

## Template Result file












4	TR-ID	Test Requirements	TR Type	Traceability	Notes
5	How to book a ticket				
6	TR-001	user must create successfully an account	Functional		
7	TR -002	password must be encrypted	LooknFeel		
8	TR-003	user can login successfully with valid account	Functional		
9	TR-004	password must be have lest 5 words	Boundary		
















Exercise03\_Team<00>.xlsx/xls

# Practice
















## Data widgets






-  Comments
-  DataTable
-  DataView
-  Filter
-  GroupList
-  List
-  Property Sheet
-  Timeline
-  Tree
-  TreeTable
-  UnitList







## Visualization widgets

















-  Barcode
-  Bullet Graph
-  Charts
-  Excel Viewer
-  Gage
-  GeoChart
-  Iframe
-  Maps
-  PDF Viewer
-  RangeChart
-  Template
-  TreeMap
-  Video

## Control widgets

-  Button
-  Calendar
-  Checkbox
-  Checksuggest
-  Colorboard
-  Colorpicker
-  Color Selector
-  Combo
-  Counter
-  DatePicker
-  DateRange
-  DateRangePicker
-  TimeBoard
-  DateRangeSuggest
-  DataSuggest

-  DoubleList
-  GridSuggest
-  Icon
-  Fieldset
-  FormInput

-  Tabbar
-  Text
-  Texthighlight
-  Textarea
-  Toggle
-  Uploader

-  Label
-  Mentionsuggest
-  Multicombo
-  Multiselect
-  MultiSuggest
-  Multitext
-  Pager
-  Radio
-  RangeSlider
-  RichSelect
-  RichText
-  Search
-  Select
-  Segmented
-  Slider
-  Suggest List
-  Switch Button



# Thank You

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