


TEST CASE – CA03 WEBSITE

(APPLICATION DEVELOPMENT STUDIO)

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1 – Enter an existing 10 digits company ID = “1000000001” with ‘Hide Inactive’ checkbox checked	
Description	When an existing Company ID is chosen and ‘Hide Inactive’ checkbox is checked, all the active queues belonging to that company will be shown.
Pre-Condition	Company ID exist, Company ID is 10 digits, Company ID is valid (contains only digits), ‘Hide Inactive’ checkbox is checked.
Test Steps	<ol style="list-style-type: none">1. Clicked on the button “Add new queue”2. Enter the existing 10 digits Company ID (1000000001) in the input and click on submit3. Click on the dropdown input after the loading icon disappear
Expected Result	All the active queues belonging to that Company ID will be displayed in the dropdown.

Add new queue

PUTIEN

Refresh Page

Company ID

1000000001

Submit

Queue ID

-- Select An Option --

-- Select An Option --

QUEUE01001

QUEUE01002


QUEUE01003

☒ Hide Inactive

2 – Enter an existing 10 digits company ID = “1000000001” with ‘Hide Inactive’ checkbox unchecked

Description	When an existing Company ID is chosen and ‘Hide Inactive’ checkbox is unchecked, all the queues, active and inactive, belonging to that company will be shown.
Pre-Condition	Company ID exist, Company ID is 10 digits, Company ID is valid (contains only digits), ‘Hide Inactive’ checkbox is unchecked.
Test Steps	<ol style="list-style-type: none">1. Clicked on the button “Add new queue”2. Enter the existing 10 digits Company ID (1000000001) in the input and click on submit3. Unchecked the ‘Hide Inactive’ checkbox4. Click on the dropdown input after the loading icon disappear
Expected Result	All the active and inactive queues belonging to that Company ID will be displayed in the dropdown.

Add new queue

PUTIEN

Refresh Page

Company ID

1000000001

Submit

Queue ID

QUEUE01001

QUEUE01001

QUEUE01002

QUEUE01003


QUEUE01004 (inactive)

QUEUE01005 (inactive)

☐ Hide Inactive

3 – Enter a non-existing 10 digits company ID = “1000000000”	
Description	When a non-existing 10 digits Company ID is entered, an error message will be displayed to indicate that the company ID do not exist.
Pre-Condition	Company ID do not exist, Company ID is 10 digits, Company ID is valid (contains only digits).
Test Steps	<ol style="list-style-type: none"> 1. Clicked on the button “Add new queue” 2. Enter the non-existing 10 digits Company ID (1000000000) in the input and click on submit
Expected Result	Loading icon is seen upon clicking on the submit button and an error message ' Company 1000000000 does not have queues. ' is displayed after it is being loaded with no queues being shown.

Add new queue



PUTIEN

Refresh Page

Company ID

1000000000

Submit

Queue ID


Hide Inactive

Company 1000000000 does not have queues.

4 – Enter a non-existing company ID = “999999999” that is less than 10 digits

Description	When a non-existing Company ID that is less than 10 digits is entered, an error message will be displayed to indicate that the company ID needs to be 10 digits.
Pre-Condition	Company ID do not exist, Company ID is less than 10 digits, Company ID is valid (contains only digits).
Test Steps	<ol style="list-style-type: none">1. Clicked on the button “Add new queue”2. Enter the non-existing Company ID (999999999) that is less than 10 digits in the input and click on submit
Expected Result	Loading icon is not seen upon clicking on the submit button and an error message ‘ Company Id must be 10 digits. ’ is displayed with no queues being shown.

Add new queue

PUTIEN

Refresh Page

Company ID

999999999

Submit


Company Id must be 10 digits.

Queue ID

Hide Inactive

5 – Enter a non-existing company ID = “10000000000” that is more than 10 digits	
Description	When a non-existing Company ID that is more than 10 digits is entered, an error message will be displayed to indicate that the Company ID needs to be 10 digits.
Pre-Condition	Company ID do not exist, Company ID is more than 10 digits, Company ID is valid (contains only digits).
Test Steps	<ol style="list-style-type: none"> 1. Clicked on the button “Add new queue” 2. Enter the non-existing Company ID (10000000000) that is less than 10 digits in the input and click on submit.
Expected Result	Loading icon is not seen upon clicking on the submit button and an error message ‘ Company Id must be 10 digits. ’ is displayed with no queues being shown.

Add new queue



PUTIEN

Refresh Page

Company ID

10000000000

Submit

Company Id must be 10 digits.


Queue ID

Hide Inactive

6 – Enter an invalid company ID = “100000000c” that contains alphabet

Description	When an invalid Company ID that contains alphabet is entered, an error message will be displayed to indicate that the Company ID is invalid and should be in digits only.
Pre-Condition	Company ID do not exist, Company ID is invalid (contains alphabet).
Test Steps	<ol style="list-style-type: none">1. Clicked on the button “Add new queue”2. Enter the invalid Company ID (100000000c) in the input and click on submit
Expected Result	Loading icon is not seen upon clicking on the submit button and an error message ‘ Invalid Company ID (only digits allowed). ’ is displayed with no queues being shown.

Add new queue

PUTIEN

Refresh Page

Company ID

Submit

Invalid Company ID (only digits allowed).


Queue ID

☒ Hide Inactive

7 – Enter empty company ID = ""

Description	When an empty Company ID is entered, an error message will be displayed to indicate that the Company ID cannot be empty.
Pre-Condition	Company ID is empty.
Test Steps	<ol style="list-style-type: none">1. Clicked on the button "Add new queue"2. Enter empty company ID in the input and click on submit
Expected Result	Loading icon is not seen upon clicking on the submit button and an error message ' Company Id must be filled out. ' is displayed with no queues being shown.

Add new queue

PUTIEN

Refresh Page

Company ID

Submit

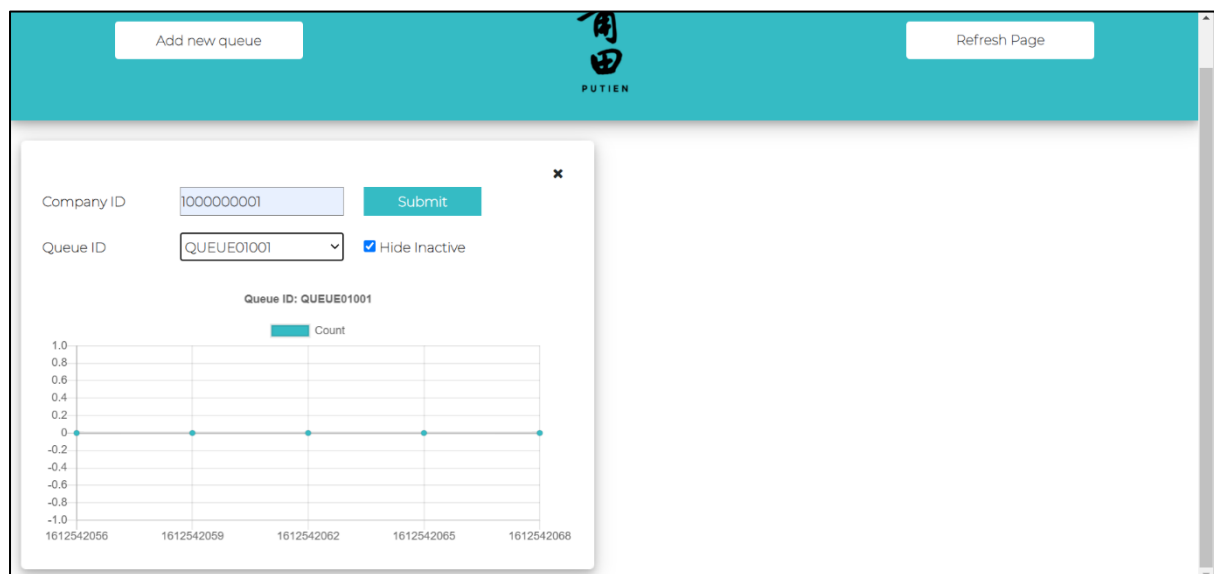
Company Id must be filled out.

Queue ID

☒ Hide Inactive

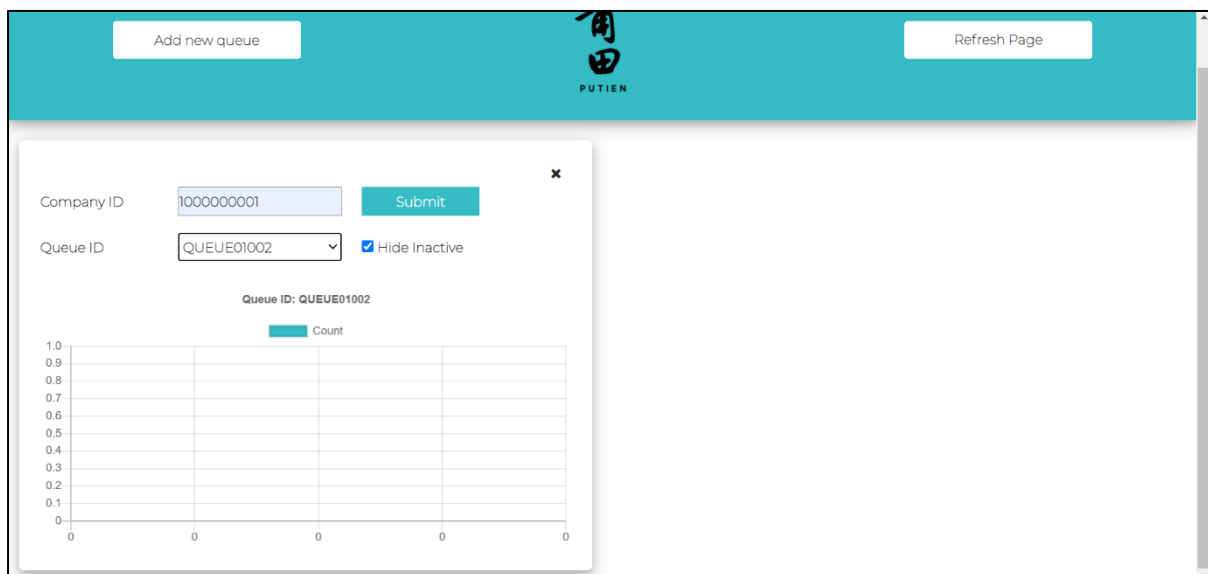
8 – Enter an existing Company ID = “1000000001” and select an active queue = “QUEUE1001”

Description	When an existing Company ID is entered and an active queue is selected, a chart will be displayed.
Pre-Condition	Company ID exist, Company ID is 10 digits, Queue ID is active.
Test Steps	<ol style="list-style-type: none">1. Clicked on the button “Add new queue”2. Enter an existing Company ID (1000000001) in the input and click on submit3. Click on the dropdown to display the queues once the loading icon disappear4. Select one of the active queues (QUEUE1001)
Expected Result	A chart will be displayed, and it will start to display results for every 3 seconds interval, along with a loading icon being shown when the chart refreshes every interval.



9 – Enter an existing Company ID = “1000000001”, select an active queue = “QUEUE1001” first and select another active queue = “QUEUE1002” afterwards


Description	When an existing Company ID is entered and a second active queue is selected after an active queue had been chosen, a new chart will be displayed.
Pre-Condition	Company ID exist, Company ID is 10 digits, Queue ID is active
Test Steps	<ol style="list-style-type: none"> 1. Clicked on the button “Add new queue” 2. Enter an existing Company ID (1000000001) in the input and click on submit 3. Click on the dropdown to display the queues once the loading icon disappear 4. Select one of the active queues (QUEUE1001) 5. Select another active queue (QUEUE1002) from the dropdown when the current chart contains some values
Expected Result	The chart will refresh, and a new chart will be displayed. Similarly, for every 3 seconds interval, chart data will be shown along with the loading icon.



10 – Enter an existing Company ID = “1000000001”, select an active queue = “QUEUE1001” first and remove the selected queue afterwards

Description	When an existing Company ID is entered and an active queue is selected, remove the selected queue and an error message will be displayed.
Pre-Condition	Company ID exist, Company ID is 10 digits, Queue ID is active.
Test Steps	<ol style="list-style-type: none"> 1. Clicked on the button “Add new queue” 2. Enter an existing Company ID (1000000001) in the input and click on submit 3. Click on the dropdown to display the queues once the loading icon disappear 4. Select one of the active queues (QUEUE1001) 5. After the chart is displayed and there are some values in the chart, deselect the queue by selecting “-- Select An Option—” option from the dropdown
Expected Result	The chart will be removed and an error message “ Please select a valid queue. ” will be displayed.

Add new queue



Refresh Page

Company ID

1000000001

Submit

Queue ID

-- Select An Option --


☒ Hide Inactive

Please select a valid queue.

11 – Enter an existing Company ID = “1000000001” with ‘Hide Inactive’ checkbox unchecked, and select an inactive queue = “QUEUE1004”

Description	When an existing Company ID is entered and ‘Hide Inactive’ checkbox is unchecked, selecting an inactive queue will result in the display of an error message.
Pre-Condition	Company ID exist, Company ID is 10 digits, Queue ID is inactive.
Test Steps	<ol style="list-style-type: none"> 1. Clicked on the button “Add new queue” 2. Enter an existing Company ID (1000000001) in the input and uncheck ‘Hide Inactive’ checkbox 3. Click on the dropdown to display the queues once the loading icon disappear 4. Select one of the inactive queues (QUEUE1004 (inactive))
Expected Result	An error message “Queue is inactive.” will be displayed.

Add new queue



Refresh Page

Company ID

1000000001

Submit

Queue is inactive.

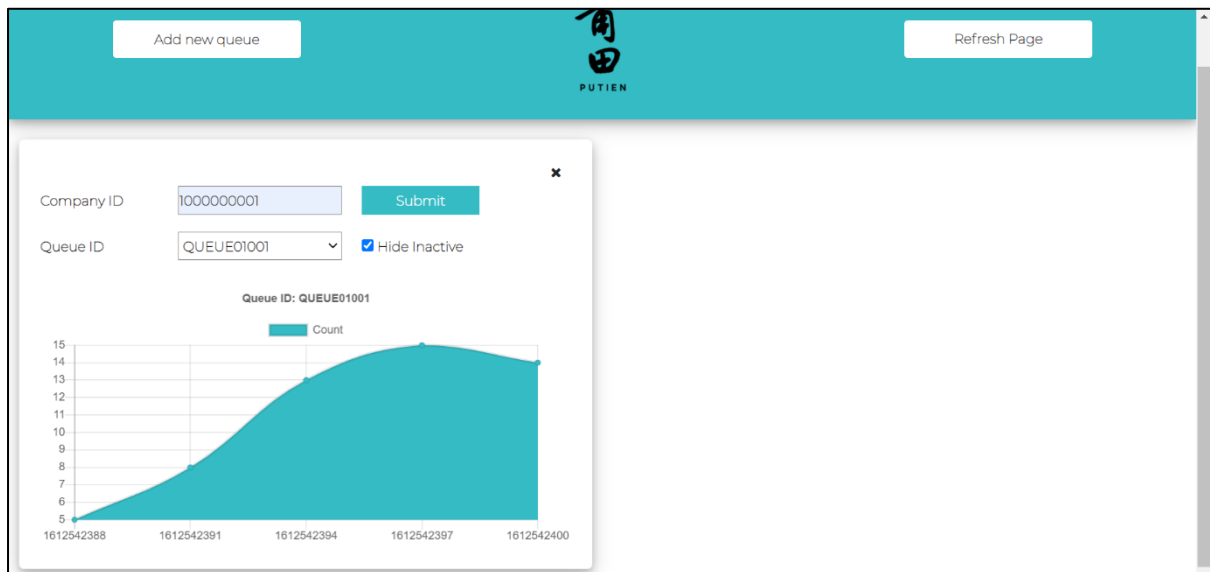
Queue ID

QUEUE01004 (inactive)

☐ Hide Inactive

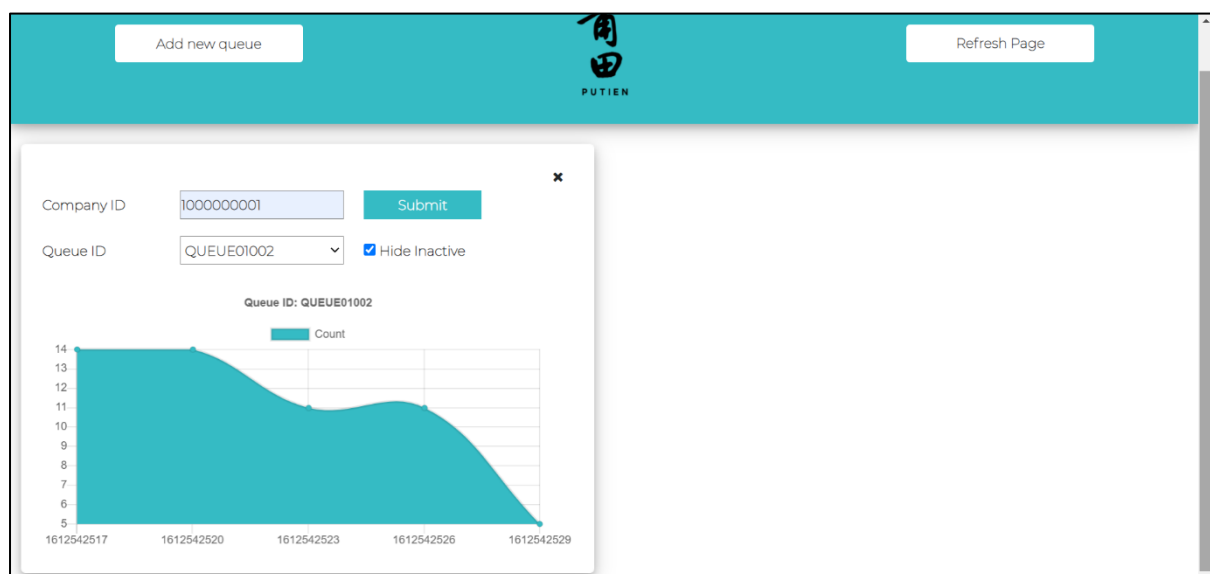
12 – Enter an existing Company ID = "1000000001", select an active queue = "QUEUE1001" and run single-peak

Description	When a valid Company ID is entered and an active queue ID is selected, run the single-peak at the backend and the chart will start to display the result of a single peak.
Pre-Condition	Ensure that Company ID exist, Company ID is 10 digits, Queue ID is active.
Test Steps	<ol style="list-style-type: none">1. Clicked on the button "Add new queue"2. Enter an existing Company ID (1000000001) in the input and click on submit3. Click on the dropdown to display the queues once the loading icon disappear4. Select one of the active queues (QUEUE1001)5. Run the backend "npm run single-peak"
Expected Result	A single peak will be shown on the chart, where there will be a rise due to the increasing number of customers joining the queue and when it reached its peak, it will deep down as the number of customers joining the queue decreases.



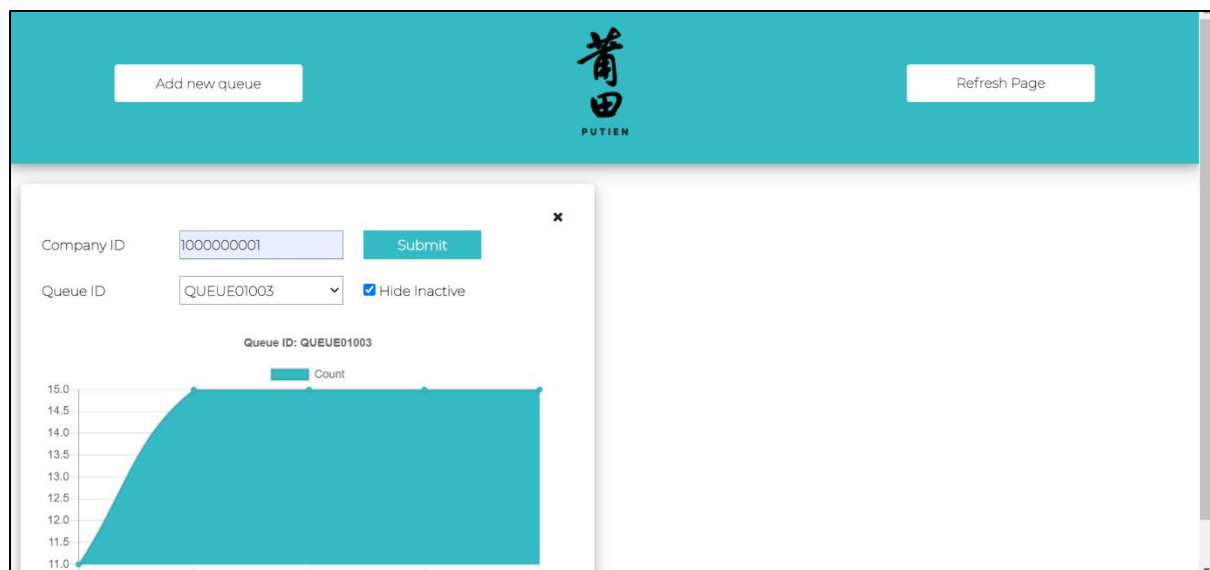
13 – Enter an existing Company ID = "1000000001", select an active queue = "QUEUE1001" and run double-peak

Description	When a valid Company ID is entered and an active queue ID is selected, run the double-peak at the backend and the chart will start to display the result of a double peak.
Pre-Condition	Ensure that Company ID exist, Company ID is 10 digits, Queue ID is active.
Test Steps	<ol style="list-style-type: none"> 1. Clicked on the button "Add new queue" 2. Enter an existing Company ID (1000000001) in the input and click on submit 3. Click on the dropdown to display the queues once the loading icon disappear 4. Select one of the active queues (QUEUE1002) 5. Run the backend "npm run double-peak"
Expected Result	A double peak will be shown on the chart, where there will be a rise due to the increasing number of customers joining the queue and as it reached its peak, it will deep downwards as the number of customers joining the queue decreases. After which, it will start to rise again to stimulate increasing number of customers joining before dropping down again.



14 – Enter an existing Company ID = "1000000001", select an active queue = "QUEUE1001" and run sustained-peak

Description	When a valid Company ID is entered and an active queue ID is selected, run the sustained-peak at the backend and the chart will start to display the result of a sustained peak.
Pre-Condition	Ensure that Company ID exist, Company ID is 10 digits, Queue ID is active.
Test Steps	<ol style="list-style-type: none">1. Clicked on the button "Add new queue"2. Enter an existing Company ID (1000000001) in the input and click on submit3. Click on the dropdown to display the queues once the loading icon disappear4. Select one of the active queues (QUEUE1003)5. Run the backend "npm run sustained-peak"
Expected Result	A sustained peak will be shown on the chart, where the peak will stay at the peak for a while, stimulating a constant number of customers joining, before dropping down.



15 – Multiple tracking with existing 10 digits Company ID

Description	Both the forms dropdowns should display active queues for their respective Company ID.
Pre-Condition	Ensure that Company ID exist, Company ID is 10 digits, Queue ID is active.
Test Steps	<ol style="list-style-type: none">1. Clicked on the button “Add new queue” twice2. Enter an existing Company ID (1000000001) in one input and Company ID (1000000002) in the other and click on submit3. Click on both the dropdowns to display the queues once the loading icon disappear
Expected Result	Both dropdowns will display their respective queues.

Putien
PUTIEN

Add new queue

Refresh Page

Company ID: 1000000001 Submit

Queue ID: -- Select An Option --
QUEUE01001
QUEUE01002
QUEUE01003

Hide Inactive

Company ID: 1000000002 Submit

Queue ID: -- Select An Option --
QUEUE02001
QUEUE02002
QUEUE02003
QUEUE02004

Hide Inactive

Putien
PUTIEN

Add new queue

Refresh Page

Company ID: 1000000001 Submit

Queue ID: -- Select An Option --
QUEUE02001
QUEUE02002
QUEUE02003
QUEUE02004

Hide Inactive

Company ID: 1000000002 Submit

Queue ID: -- Select An Option --
QUEUE02001
QUEUE02002
QUEUE02003
QUEUE02004

Hide Inactive

16 – Multiple tracking with existing 10 digits Company ID with chart

Description	Both forms should display graphs for their respective queues.
Pre-Condition	Ensure that Company ID exist, Company ID is 10 digits, Queue ID is active.
Test Steps	<ol style="list-style-type: none">1. Clicked on the button “Add new queue” twice2. Enter an existing Company ID (1000000001) in both inputs and click on submit3. Click on both the dropdowns to display the queues once the loading icon disappear4. Select active queues (QUEUE1001) and (QUEUE1002) respectively5. Run single-peak and double-peak on the backend
Expected Result	Both graphs will be displayed based on their respective queues.

