

**project name:** Covid-19

## Tast Case

**Test Case ID:** 1**Test Priority:** High**Module Name:** Covid**Description:** Sending a notification about entering isolation**Pre-conditions:****Dependencies:**

Step	Test Steps	Test Data	Expected Result
1	People who are exactly within the patient's radius are sent a notification about entering isolation	X =radius of the patient	Hello, you are near a covid patient, you need to go into isolation
2	The people who were near the sick person on that date will receive a notice of entry into isolation	Y = 10.9.21	Hello, you are near a covid patient, you need to go into isolation
3			
4			

**Test Case ID:** 1.1

**Test Priority:** High**Module Name:** Covid**Description:** Sending a notification about entering isolation**Pre-conditions:****Dependencies:**

Step	Test Steps	Test Data	Expected Result
1	People who are under the radius of the patient are sent a notification about entering isolation	$X < \text{radius of the patient}$	Hello, you are near a covid patient, you need to go into isolation
2	The people who were near the sick person on that date will receive a notice of entry into isolation	$Y = 10.9.21$	Hello, you are near a covid patient, you need to go into isolation
3			
4			

**Test Case ID:** 1.2**Test Priority:** High**Module Name:** Covid**Description:** Non sending a notification about entering isolation

**Pre-conditions:****Dependencies:**

Step	Test Steps	Test Data	Expected Result
1	People who are above the radius of the patient will not be notified of entry into isolation	$X > \text{radius of the patient}$	None
2	The people who were near the sick person on that date will receive a notice of entry into isolation	$Y = 10.9.21$	None
3			
4			

**Test Case ID:** 2

**Test Priority:** High

**Module Name:** Covid

**Description:** People who have finished the isolation will be sent an exit confirmation message

**Pre-conditions:** The person was in isolation before

**Dependencies:**

Step	Test Steps	Test Data	Expected Result
1	People who have finished the isolation will be sent an exit confirmation message	After 7 days after the start date of isolation	Hello, you can come out of isolation!
2			

**Test Case ID:** 3**Test Priority:** High**Module Name:** Covid

**Description:** On the date that the person found out that he is positive for the corona virus, he should be sent a notification about entering isolation

**Pre-conditions:** A positive answer was received from the test**Dependencies:**

Step	Test Steps	Test Data	Expected Result
1	A person was found positive for corona	In 10.9.21 Positive	Hello, you are positive for corona and therefore you need to go into isolation
2			
3			
4			

**Test Case ID:** 3.1**Test Priority :** Medium**Module Name:** Covid

**Description:** On the date that the person found out that he is negative for the corona virus, he should be sent a notification about entering isolation

<b>Pre-conditions:</b> A negative answer was received from the test
<b>Dependencies:</b>

Step	Test Steps	Test Data	Expected Result
1	A person was found to be negative for corona	In 10.9.21 Negative	Hello, you are negative for corona and therefore there is no need for isolation

**Test Case ID:** 4  
**Test Priority:** High  
**Module Name:** Covid  
**Description:** Interfacing to Google Maps

**Pre-conditions:** Internet connection

**Dependencies:**

Step	Test Steps	Test Data	Expected Result
1	Opening the Create Isolation window		The Create Isolation window opens
2	See a recent Google Maps map		A current map in Google Maps opens
3			
4			

**Test Case ID:** 5  
**Test Priority:** High  
**Module Name:** Covid  
**Description:** Interfacing with telephone numbers of the Israeli population

**Pre-conditions:**

**Dependencies:**

Step	Test Steps	Test Data	Expected Result
1	Interface testing for telephone numbers of the Israeli population		There is an interface to the telephone numbers of the population of Israel



**Test Case ID:** 6  
**Test Priority:** High  
**Module Name:** Covid  
**Description:** Checking the integrity of data sent to the server for the feature for valid data

**Pre-conditions:** Received data from the UI to the server

**Dependencies:**

Step	Test Steps	Test Data	Expected Result
1	Send a request to the server with valid values	wkt = 31.7768648044736, 35.234422673515446 Exposuredate: 10/05/2021 RecoveryDate: 17/05/2021 IsolaedPepole: [{...}]	A 201 status is received
2	Send a request to the server with missing wkt values	Exposuredate: 10/05/2021 RecoveryDate: 17/05/2021 IsolaedPepole: [{...}]	A 400 status is received
3	Send a request to the server with missing Exposuredate values	wkt = 31.7768648044736, 35.234422673515446 RecoveryDate: 17/05/2021 IsolaedPepole: [{...}]	A 400 status is received
4	Send a request to the server with missing RecoveryDate values	wkt = 31.7768648044736, 35.234422673515446 Exposuredate: 10/05/2021 IsolaedPepole: [{...}]	A 400 status is received
5	Send a request to the server with missing IsolaedPepole values	wkt = 31.7768648044736, 35.234422673515446 Exposuredate: 10/05/2021 RecoveryDate: 17/05/2021	A 400 status is received

**Test Case ID:** 6.1  
**Test Priority:** High  
**Module Name:** Covid  
**Description:** Checking the integrity of data sent to the server for the feature for invalid data

**Pre-conditions:** Received data from the UI to the server

**Dependencies:**

Step	Test Steps	Test Data	Expected Result
1	Send a request to the server with invalid wkt values	wkt = -0/312r42, o03l-2 Exposuredate: 10/05/2021 RecoveryDate: 17/05/2021 IsolaedPepole: [{...}]	A 201 status is received
2	Send a request to the server with invalid Exposuredate values	wkt =31.7768648044736, 35.234422673515446 Exposuredate: 10/13/2021 RecoveryDate: 17/05/2021 IsolaedPepole: [{...}]	A 201 status is received
3	Send a request to the server with invalid RecoveryDate values	wkt = 31.7768648044736, 35.234422673515446 Exposuredate: 10/05/2021 RecoveryDate: 17/13/2021 IsolaedPepole: [{...}]	A 201 status is received
4	Send a request to the server with invalid IsolaedPepole values	wkt = 31.7768648044736, 35.234422673515446 Exposuredate: 10/05/2021 RecoveryDate: 17/05/2021 IsolaedPepole: []	A 201 status is received

**Test Case ID:** 7  
**Test Priority:** High  
**Module Name:** Covid  
**Description:** Creating a new isolation group

**Pre-conditions:**

**Dependencies:**

Step	Test Steps	Test Data	Expected Result
1	Click the "Create New Group Isolation" button		A screen will open containing a google maps map element, a "date of exposure to the virus" field and a "create isolation" button

**Test Case ID:** 7.1  
**Test Priority:** High  
**Module Name:** Covid  
**Description:** Entering invalid dates

**Pre-conditions:** The "Create group isolation" button is clicked and a screen for creating a new isolation opens

**Dependencies:**

Step	Test Steps	Test Data	Expected Result
1	Enter an invalid day	32/05/2023	This date cannot be selected
2	Enter an invalid month	10/13/2023	This date cannot be selected
3	Enter an invalid year	10/05/1990	This date cannot be selected
4	Enter an invalid date	32/13/1990	This date cannot be selected
5	Click the "Create Isolation" button		A pop-up will appear which will display the message "No date/location selected, please try again".

**Test Case ID:** 7.2

**Test Priority:** High

**Module Name:** Covid

**Description:** Entering invalid location

**Pre-conditions:** The "Create group isolation" button is clicked and a screen for creating a new isolation opens

**Dependencies:**

Step	Test Steps	Test Data	Expected Result
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1	Enter a city that does not exist	אשדוק	No location will be displayed
2	Enter a street that does not exist	טנע	No location will be displayed
3	Click the "Create Isolation" button		A pop-up will appear which will display the message "No date/location selected, please try again".

**Test Case ID:** 7.3

**Test Priority:** High

**Module Name:** Covid

**Description:** Entering valid values

**Pre-conditions:** The "Create group isolation" button is clicked and a screen for creating a new isolation opens

**Dependencies:**

Step	Test Steps	Test Data	Expected Result
1	Enter a valid date	10/05/2021	The date has been selected
2	Enter a valid location	הרצל 1, אשדוק	The location is selected

3	Click the "Create Isolation" button		A request is sent to the UI
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**Test Case ID:** 7.4

**Test Priority:** High

**Module Name:** Covid

**Description:** Creating isolation without selecting values

**Pre-conditions:** The "Create group isolation" button is clicked and a screen for creating a new isolation opens

**Dependencies:**

Step	Test Steps	Test Data	Expected Result
1	Click the "Create Isolation" button		A pop-up will appear which will display the message "No date/location selected, please try again".

**Test Case ID:** 7.5

**Test Priority:** High

**Module Name:** Covid

<b>Description:</b>	The data has been successfully sent to the server
<b>Pre-conditions:</b>	The "Create Isolation" button is clicked
<b>Dependencies:</b>	

Step	Test Steps	Test Data	Expected Result
1	Check if the data sent		A 201 status is received