

Test Script	
Diner Makes Reservation	Date: 25/11/2023

TEST SCRIPTS

Version History Table

Version	Date	Description
v1.0	25.10.2023	-
v1.1	2.12.2023	<ul style="list-style-type: none"> The second test step of all test cases is revised. Test Case 3, the fifth test step is revised.
v.1.2	16.12.2023	New test scripts are added for the new test cases.

Use Case 1: Register as a Diner

Column	Test Case 1 (TC-01-01)	Test Case 2 (TC-01-02)	Test Case 3 (TC-01-03)
Test Name	Diner Registration Successful	Required Fields Validation	Invalid Email Address
Use Case Tested	UC1: Register as a Diner	UC1: Register as a Diner	UC1: Register as a Diner
Test Description	Verify a diner can complete the registration process.	Verify the system validates all required fields in the registration form.	Verify the system detects and rejects invalid email addresses.
Pre-conditions	- Reservation system operational. - Stable internet connection.	- Reservation system operational. - Registration started.	- Reservation system operational. - Registration started.
Post-conditions	- New diner account created.	- Missing fields highlighted. - Error message displayed.	- Error message displayed indicating invalid email format.
Notes	- Test data: Username, password, phone number, email address.	- Attempt registration with various missing required fields.	- Attempt registration with various invalid email formats (e.g., missing "@", invalid domain).
Result	Passed	Passed	Passed

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Test Case 1 (TC-01-01)

Test Step	Expected Test Result
1. Navigate to the ReserveWell website.	ReserveWell homepage displays correctly.
2. Click the "Register" button.	Registration form appears.
3. Enter valid username, password, phone number, and email address.	All fields populated correctly.
4. Click the "Register" button again.	Registration process completes, new account created.

Test Case 2 (TC-01-02)

Test Step	Expected Test Result
1. Leave one or more required fields blank (e.g., username, email).	- Corresponding fields highlighted in red or with clear visual cues (e.g., asterisk, border). - No error message displayed at this stage.
2. Click the "Register" button.	- Error message displayed near each missing field, clearly indicating what information is required. - Error message wording is clear and concise, guiding the user to correct the issue.
3. Attempt registration with various combinations of missing required fields.	- The system behaves consistently, highlighting missing fields and displaying appropriate error messages for each case. - Error messages are consistent with the missing fields and provide helpful guidance for correction.

Test Case 3 (TC-01-03)

Test Step	Expected Test Result
1. Enter valid name, surname, password, and phone number.	- Corresponding fields populated correctly. - No error message displayed for email field at this stage.
2. Enter an invalid email address (e.g., missing "@", invalid domain).	- Error message displayed near the email field, clearly indicating the address is invalid. - Error message wording is specific and informative, explaining the format issues (e.g., missing "@", invalid domain).
3. Click the "Register" button.	- Registration fails, and the error message remains displayed. - User cannot proceed with registration until the email address is corrected.
4. Attempt registration with various invalid email formats (e.g., missing "@", no period, invalid domain extension).	- The system consistently detects and rejects all invalid email formats. - Error messages remain accurate and consistent for different invalid formats.

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The test logs and test data fields can be found in Test Logs document.

Use Case 2: Make a Reservation

1)

Test Name	Test Case 1: Validate Diner can make a reservation for a single person	
Use Case Tested:	UC2: Make Reservation	
Test Description:	This test script verifies that the system allows a diner to make a reservation for a single person.	
Pre-conditions	- The reservation system is operational. - The diner has a stable internet connection.	
Post-conditions	- The diner has successfully completed a reservation for a single person. - The reservation information, including the restaurant location, date, time, and the number of guests (1), is stored in the restaurant's reservation system. - A unique reservation ID is generated and associated with the diner's reservation. - The diner receives confirmation, sent to their email or phone number, with the reservation details. - The reservation system is updated with the new reservation, making the reserved table or dining area unavailable to other diners during the specified date and time.	
Notes:	- The test script uses the following test data: - Restaurant: [Restaurant name] - Diner name: [Diner name] - Diner email: [Diner email] - Date: [Date] - Time: [Time] - Number of guests: 1	
Result	Passed	

TEST STEP	EXPECTED TEST RESULTS
1. Navigate to the ReserveWell website.	The ReserveWell website homepage is displayed.
2. Scroll down to see the restaurants.	The restaurants are displayed.
3. Select the desired restaurant from the list.	The selected restaurant is displayed.
4. Enter the reservation date and time.	The reservation date and time are entered successfully.
5. Select the number of guests (1).	The number of guests is selected successfully.
6. Enter the diner's name, email address, and phone number.	The diner's information is entered successfully.
7. Click on the "Submit" button.	The reservation confirmation page is displayed.

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8. Verify that the reservation details are correct.	The reservation details are displayed correctly.
9. Click on the "Confirm Reservation" button.	A confirmation email is sent to the diner's email address.

Test Data Field	Test Data Value
Restaurant name	Restaurant 1
Diner name	John Doe
Diner email	johndoe@email.com
Date	2023-11-24
Time	18:00
Number of guests	1

The test log can be found in Test Logs document.

2)

Test Name	Test Case 2: Validate Diner can make a reservation for multiple people	
Use Case Tested:	UC2: Make Reservation	
Test Description:	This test script verifies that the system allows a diner to make a reservation for multiple people.	
Pre-conditions	- The reservation system is operational. - The diner has a stable internet connection.	
Post-conditions	- The diner has successfully completed a reservation for multiple people. - The reservation information, including the restaurant location, date, time, and the number of guests, is stored in the restaurant's reservation system. - A unique reservation ID is generated and associated with the diner's reservation. - The diner receives a confirmation, sent to their email or phone number, with the reservation details. - The reservation system is updated with the new reservation, making the reserved table or dining area unavailable to other diners during the specified date and time.	
Notes:	- The test script uses the following test data: - Restaurant: [Restaurant name] - Diner name: [Diner name] - Diner email: [Diner email] - Date: [Date] - Time: [Time] - Number of guests: 4	
Result	Passed	

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TEST STEP	EXPECTED TEST RESULTS
1. Navigate to the ReserveWell website.	The ReserveWell website homepage is displayed.
2. Scroll down to see the restaurants.	The restaurants are displayed.
3. Select the desired restaurant from the list.	The selected restaurant is displayed.
4. Enter the reservation date and time.	The reservation date and time are entered successfully.
5. Select the number of guests (4).	The number of guests is selected successfully.
6. Enter the diner's name, email address, and phone number.	The diner's information is entered successfully.
7. Click on the "Submit" button.	The reservation confirmation page is displayed.
8. Verify that the reservation details are correct.	The reservation details are displayed correctly.
9. Click on the "Confirm Reservation" button.	A confirmation email is sent to the diner's email address.

Test Data Field	Test Data Value
Restaurant name	Restaurant 2
Diner name	John Doe
Diner email	johndoe@email.com
Date	2023-11-25
Time	20:00
Number of guests	4

The test log can be found in Test Logs document.

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3)

Test Name	Test Case 3: Diner can make a reservation for a restaurant with a group size exceeding the maximum	
Use Case Tested:	UC2: Make Reservation	
Test Description:	This test script ensure that the system allows a diner to make a reservation for a restaurant with a group size exceeding the maximum.	
Pre-conditions	- The reservation system is operational. - The diner has a stable internet connection. - The diner has selected a restaurant with a maximum group size. - The diner has entered the number of guests (exceeding the maximum group size).	
Post-conditions	- The diner has successfully completed a reservation for a restaurant with a group size exceeding the maximum, with additional charges. - The reservation information, including the restaurant location, date, time, the number of guests stored in the restaurant's reservation system.	
Notes:	- The test script uses the following test data: - Restaurant: [Restaurant name] - Number of guests: 88	
Result	Passed	

TEST STEP	EXPECTED TEST RESULTS
1. Navigate to the ReserveWell website.	The ReserveWell website homepage is displayed.
2. Scroll down to see the restaurants.	The restaurants are displayed.
3. Select the desired restaurant from the list.	The selected restaurant is displayed.
4. Enter the reservation date and time.	The reservation date and time are entered successfully.
5. Select the number of guests (88).	The number of guests cannot be selected, the maximum number to select is 15.

Test Data Field	Test Data Value
Restaurant name	Restaurant 3

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Date	2023-11-25
Time	16:00
Number of guests	15

The test log can be found in Test Logs document.

4)

Test Name	Test Case 4: System can handle incorrect diner information	
Use Case Tested:	UC2: Make Reservation	
Test Description:	This test script ensures that the system can handle incorrect diner information and prompt the diner to correct it.	
Pre-conditions	- The diner enters incorrect information during the reservation process. - The reservation system detects the incorrect information.	
Post-conditions	- The system prompts the diner to correct the incorrect information. - The diner can successfully update their information and complete the reservation process.	
Notes:	- The test script uses the following test data: - Restaurant: [Restaurant name] - Diner name: [Diner name] - Diner email: [Diner email] - Date: [Date] - Time: [Time] - Number of guests: 4	
Result	Passed	

TEST STEP	EXPECTED TEST RESULTS
1. Navigate to the ReserveWell website.	The ReserveWell website homepage is displayed.
2. Scroll down to see the restaurants.	The restaurants are displayed.

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3. Select the desired restaurant from the list.	The selected restaurant is displayed.
4. Enter the reservation date and time.	The reservation date and time are entered successfully.
5. Select the number of guests (4).	The number of guests is selected successfully.
6. Enter the diner's name, wrong email address with no “@” , and phone number.	The diner's information is not accepted.

Test Data Field	Test Data Value
Restaurant name	Restaurant 4
Diner name	John Doe
Diner email	johndoe.email.com
Date	2023-11-25
Time	14:00
Number of guests	4

The test log can be found in Test Logs document.

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Use Case 7: Register as a Restaurant Manager

Column	Test Case 1 (TC-07-01)	Test Case 2 (TC-07-02)	Test Case 3 (TC-07-03)
Test Name	Successful Restaurant Registration	Required Fields Validation	Invalid E-Mail
Use Case Tested	UC2: Register as a Restaurant	UC2: Register as a Restaurant	UC2: Register as a Restaurant
Test Description	Verify a restaurant can complete the registration process and receive a confirmation email.	Verify the system validates all required fields in the registration form.	Verify the system detects and rejects invalid e-mail.
Pre-conditions	- Reservation system operational. - Restaurant has valid business information (e.g., name, address, contact details). - Stable internet connection.	- Reservation system operational. - Restaurant starts registration process. - Stable internet connection.	- Reservation system operational. - Restaurant starts registration process. - Stable internet connection.
Post-conditions	- New restaurant account created. - Confirmation email received with login details.	- Missing fields highlighted. - Error message displayed for each missing field.	- Error message displayed indicating invalid information (e.g., incorrect e-mail).
Notes	- Test data: Restaurant name, cuisine, capacity, description, e-mail, username, password	- Attempt registration with various missing required fields (e.g., restaurant name, e-mail, password).	- Attempt registration with various invalid information formats (e.g., incorrect e-mail).
Result	Passed	Failed	Passed

Test Case 1 (TC-07-01)

Test Step	Expected Test Result
1. Navigate to the ReserveWell website.	ReserveWell homepage displays correctly.
2. Click the "Register" button.	Registration form appears.
3. Select "Restaurant" as account type.	Restaurant registration fields displayed.
4. Enter valid restaurant name cuisine, capacity, description, e-mail, username, password.	All fields populated correctly.

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5. Click the "Register" button again.	Registration process completes, new restaurant account created.
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Test Case 2 (TC-07-02)

Test Step	Expected Test Result
1. Enter valid name, surname, password, and phone number.	- Corresponding fields populated correctly. - No error message displayed for email field at this stage.
2. Enter an invalid email address (e.g., missing "@", invalid domain).	- Error message displayed near the email field, clearly indicating the address is invalid. - Error message wording is specific and informative, explaining the format issues (e.g., missing "@", invalid domain).
3. Click the "Register" button.	- Registration fails, and the error message remains displayed. - User cannot proceed with registration until the email address is corrected.
4. Attempt registration with various invalid email formats (e.g., missing "@", no period, invalid domain extension).	- The system consistently detects and rejects all invalid email formats. - Error messages remain accurate and consistent for different invalid formats.

Test Case 3 (TC-07-03)

Test Step	Expected Test Result
1. Navigate to the ReserveWell website.	ReserveWell homepage displays correctly.
2. Click the "Register" button.	Registration form appears.
3. Select "Restaurant" as account type.	Restaurant registration fields displayed.
4. Enter valid restaurant name, cuisine, capacity, description, username, password, but invalid e-mail.	All fields populated correctly except for e-mail.
5. Click the "Register" button again.	Registration process is not completed, an error message is taken.

The test logs and test data fields can be found in Test Logs document.