Test Case—Online Reservation System for Restaurant

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
1.1 Dynamic translation restaurant name from Maori language to English	User clicks on the translation button on the home page User clicks again	1. Restaurant name translates from Maori language "Hoa Hari" to English "Happy Friend" 2. Click again let the restaurant name translates back to Maori language "Hoa Hari"	Restaurant name translates from Maori language to English Click again the restaurant name translates back to Maori language User can toggle between Maori language and English by clicking the button
2.1 "Home" link is working	 Click on the "Book Restaurant" on the home page Click on the "Home" on the booking page Click on the "Play Game" on the home page Click on the "Home" on the playing game page Click on the "Documentation Part 1" on the home page Click on the "Home" on the documentation part 1 page Click on the "Documentation Part 2" on the home page Click on the "Coumentation Part 2" on the home page Click on the "←" on the documentation part 2 page 	 Go to booking page Go back to home page Go to play game page Go back to home page Go to documentation part 1 page Go back to home page Go to documentation part 2 page Go back to home page 	 Go to booking page Go back to home page Go to play game page Go back to home page Go to documentation part 1 page Go back to home page Go to documentation part 2 page Go back to home page

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
2.2 "Book Restaurant" link is working	 Click on the "Play Game" on the booking page Click on the "Book Restaurant" on the playing game page Click on the "Documentation Part 1" on the booking page Click on the "Book Restaurant" on the documentation part 1 page Click on the "Documentation Part 2" on the booking page Click on the "←" on the documentation part 2 page 	 Go to play game page Go back to booking page Go to documentation part 1 page Go back to booking page Go to documentation part 2 page Go back to booking page 	1. Go to play game page 2. Go back to booking page 3. Go to documentation part 1 page 4. Go back to booking page 5. Go to documentation part 2 page 6. Go back to booking page
2.3 "Play Game" link is working	 Click on the "Documentation Part 1" on the play game page Click on the "Play Game" on the documentation part 1 page Click on the "Documentation Part 2" on the play game page Click on the "←" on the documentation part 2 page 	Go to documentation part 1 page Go back to play game page Go to documentation part 2 page Go back to play game page	Go to documentation part 1 page Go back to play game page Go to documentation part 2 page Go back to play game page

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
2.4 "Documentation Part 1" link is working	 Click on the "Documentation Part 2" on the documentation part 1 page Click on the "←" on the documentation part 2 page 	Go to documentation part 2 page Go back to documentation part 1 page	Go to documentation part 2 page Go back to documentation part 1 page
3.1 Links on the documentation part 1 are working	 Click on the "Table Reservation.PDF" Click on the "Table.XML" Click on the "Menu.PDF" Click on the "Menu.XML" Click on the "Design.PDF" Click on the "Test Case.PDF" Click on the "Reference.PDF" 	 Open the pdf file "Table Reservation" in a new tag Open the xml file "Table" in a new tag Open the pdf file "Menu" in a new tag Open the xml file "Menu" in a new tag Open the xml file "Menu" in a new tag Open the pdf file "Design" in a new tag Open the pdf file "Test Case" in a new tag Open the pdf file "Reference" in a new tag 	 Open the pdf file "Table Reservation" in a new tag Open the xml file "Table" in a new tag Open the pdf file "Menu" in a new tag Open the xml file "Menu" in a new tag Open the xml file "Menu" in a new tag Open the pdf file "Design" in a new tag Open the pdf file "Test Case" in a new tag Open the pdf file "Reference" in a new tag

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
4.1 Default value of date picker should be the date	1.1. Set the system timer to 00:00 AM, 01/11/2019	1. The default value of date picker is 01/11/2019	1. The default value of date picker is 01/11/2019
of today if the current time is before 19:00 or 19:00	 1.2. Reload the "Book Restaurant" page 2.1. Set the system timer to 06:00 PM, 01/11/2019 2.2. Reload the "Book Restaurant" page 3.1. Set the system timer to 07:00 PM, 01/11/2019 3.2. Reload the "Book Restaurant" page 	2. The default value of date picker is 01/11/2019 3. The default value of date picker is 01/11/2019	2. The default value of date picker is 01/11/2019 3. The default value of date picker is 01/11/2019
4.2 Default value of date picker should be the date of tomorrow if the current time is after 19:00	1.1. Set the system timer to 08:00 PM, 01/11/2019 1.2. Reload the "Book Restaurant" page	1. The default value of date picker is 02/11/2019	1. The default value of date picker is 02/11/2019
4.3 User should be able to select a date, date range only from today and up to next 3 days	 Click on the date picker and select 01/11/2019 (today is 01/11/2019, and select 08:30 PM in the time picker) Click on the date picker and select 02/11/2019 Click on the date picker and select 03/11/2019 Click on the date picker and select 04/11/2019 	1. The date picker displays 01/11/2019 2. The date picker displays 02/11/2019 3. The date picker displays 03/11/2019 4. The date picker displays 04/11/201	1. The date picker displays 01/11/2019 2. The date picker displays 02/11/2019 3. The date picker displays 03/11/2019 4. The date picker displays 04/11/201
4.4 User should not be able to select a date in the past	 Click on the date picker and select 30/10/2019 (today is 01/11/2019) Click on the date picker and select 30/08/2019 Click on the date picker and select 01/10/2018 	The same outcomes: 1. Show an alert window with message "Reservation date only from today and up to next 3 days." 2. The value of date picker is default date	The same outcomes: 1. Show an alert window with message "Reservation date only from today and up to next 3 days." 2. The value of date picker is default date

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
4.5 User should not be able to select a date in the next 4 days	 Click on the date picker and select 05/11/2019 (today is 01/11/2019) Click on the date picker and select 05/12/2019 Click on the date picker and select 01/11/2020 	The same outcomes: 1. Show an alert window with message "Reservation date only from today and up to next 3 days." 2. The value of date picker is default date	The same outcomes: 1. Show an alert window with message "Reservation date only from today and up to next 3 days." 2. The value of date picker is default date
4.6 User should not be able to select the date of today if the time selector value is later than the current time	Select 01:00 PM from the drop-down box (now is around 04:00 PM) Click on the date picker and select 01/11/2019 (today is 01/11/2019)	Show an alert window with message "Sorry, the time is unavailable." The value of date picker and time selector are their default value	Show an alert window with message "Sorry, the time is unavailable." The value of date picker and time selector are their default value
4.7 User should be able to change the selected date	1. Select date "02/11/2019" (today is 01/11/2019) 2. Select date "03/11/2019"	The date of booking on date picker changes from "02/11/2019" to "03/11/2019"	The date of booking on date picker changes from "02/11/2019" to "03/11/2019"
5.1 Default value of time selector is later than current time if the current time is between 9: 00am (included) to 19:00 (included)	1.1. Set system timer to 09:00 AM, 01/11/2019 1.2 Reload the "Book Restaurant" page 2.1. Set system timer to 07:00 PM, 01/11/2019 2.2 Reload the "Book Restaurant" page	The default value of time selector is 10:00 AM The default value of time selector is 08:00 PM	The default value of time selector is 10:00 AM The default value of time selector is 08:00 PM
5.2 Default value of time selector is 10:00 AM if the current time is after 19:00 or before 9:00am	1.1. Set system timer to 08:00 PM, 01/11/2019 1.2 Reload the "Book Restaurant" page 2.1. Set system timer to 11:00 PM, 01/11/2019 2.2 Reload the "Book Restaurant" page	The default value of time selector is 10:00 AM The default value of time selector is 10:00 AM	The default value of time selector is 10:00 AM The default value of time selector is 10:00 AM

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
5.3 User should be able to select a time	1. Click on the date picker and select 01/11/2019 (today is 01/11/2019)	1. The selected date 01/11/2019 is displayed on the date picker	1. The selected date 01/11/2019 is displayed on the date picker
	2. Select 06:00 PM from the drop-down box (now is around 04:00 PM)	2. The selected time 06:00 PM is displayed on the time selector	2. The selected time 06:00 PM is displayed on the time selector
5.4 User should not be able to select a time in the past if the reservation date	1. Click on the date picker and select 01/11/2019 (today is 01/11/2019) 2. Select 01:00 PM from the drop-down box (now	1. Show an alert window with message "Sorry, the time is unavailable."	Show an alert window with message "Sorry, the time is unavailable."
is today	is around 04:00 PM)	The default date and time are displayed on the date picker and time selector	The default date and time are displayed on the date picker and time selector
5.5 User should be able to change the selected time	Select time "10:30 AM" Select time "11:30 AM"	The time of booking changes from "10:30 AM" to "11:30 AM" on the time selector	The time of booking changes from "10:30 AM" to "11:30 AM" on the time selector
6.1 Default value of people selector is "1 Person"	Enter "Book Restaurant" page	"1 Person" is displayed on the people selector.	"1 Person" is displayed on the people selector.
6.2 User should be able to select the number of people coming	Select "2 People" from the drop-down box	The number of people coming "2" is displayed on the people selector	The number of people coming "2" is displayed on the people selector
6.3 User should be able to change the number of people coming	Select number of people "3 People" Select number of people "5 People"	The number of people coming changes from "3" to "5" on the people selector	The number of people coming changes from "3" to "5" on the people selector
7.1 Populate each room layout dynamically on the webpage	Enter "Book Restaurant" page	Populate each room layout dynamically on the webpage	Populate each room layout dynamically on the webpage

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
7.2 User must be able to dynamically see table number, how many	Enter "Book Restaurant" page Mouse over each table	Show a popup information of each table, including table ID and table capacity.	Show a popup information of each table, including table ID and table capacity.
persons can sit here		For example:	For example:
		Table No.1	Table No.1
		People: 2	People: 2
7.3 User should not be able to select a table without selecting the location	Enter "Book Restaurant" page Click on the table No. 2	Show an alert window with message "Please select location"	Show an alert window with message "Please select location"
7.4 Unavailable tables clearly indicated in the	Enter "Book Restaurant" page Select number of people "3 People"	Tables of Room 2 and Deck are unavailable	Tables of Room 2 and Deck are unavailable
layout	Select location "Room 1"	2. Three tables have already been taken (No.2 No.4 No.9) are unavailable	2. Three tables have already been taken (No.2 No.4 No.9) are unavailable
		3. Tables those capacity is less than 3 people are unavailable	Tables those capacity is less than people are unavailable
		4. Available tables are No.3, No.5, No.6 and No.7	4. Available tables are No.3, No.5, No.6 and No.7
7.5 User can select the available table	 Enter "Book Restaurant" page Select number of people "3 People" Select location "Room 1" Click on the table No.6 	The color of selected table No.6 is changed from white to blue, which means is selected	The color of selected table No.6 is changed from white to blue, which means is selected

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
7.6 User should not be able to select the unavailable tables	 Enter "Book Restaurant" page Select number of people "3 People" Select location "Room 1" Click on the table No.1 	Nothing happens on the webpage	Nothing happens on the webpage
7.7 User should not be able to select the booked tables	 Enter "Book Restaurant" page Select number of people "3 People" Select location "Room 1" Click on the table No.4 	Nothing happens on the webpage	Nothing happens on the webpage
7.8 Deck booking for today only and if weather is permitted: no rain and temperature is above 18°C	 Enter "Book Restaurant" page Select number of people "3 People" Select location "Deck" (02/11/2019, about 01:30 PM) 	Tables of deck are available	Tables of deck are unavailable
7.9 User should not be able to select deck if weather is not permitted: rain or temperature is below 18 °C	1. Enter "Book Restaurant" page 2. Select number of people "3 People" 3. Select location "Deck" (02/11/2019, about 08:30 AM)	Show a message box saying "Sorry, the weather is not suitable to sit outside. Reservation of deck is only for today. And if weather is permitted. Today Temperature: 16℃ Today Weather: Clear " 2. Tables of deck are unavailable	1. Show a message box saying "Sorry, the weather is not suitable to sit outside. Reservation of deck is only for today. And if weather is permitted. Today Temperature: 16°C Today Weather: Clear" 2. Tables of deck are unavailable

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
7.10 User should not be able to book table of deck if the date is not today	 Enter "Book Restaurant" page Select date "02/11/2019" (today is 01/11/2019) Select number of people "3 People" Select location "Deck" 	1. Show a message box saying "Sorry, you cannot book table of deck for the date you selected. Reservation of deck is only for today. And if weather is permitted. Today Temperature: 16°C Today Weather: Clear "	1. Show a message box saying "Sorry, you cannot book table of deck for the date you selected. Reservation of deck is only for today. And if weather is permitted. Today Temperature: 16°C Today Weather: Clear" 2. Tables of deck are unavailable
7.11 User should be able to change the selection of table	 Enter "Book Restaurant" page Select number of people "3 People" Select location "Room 1" Click on the table No.3 Click on the table No.6 	Table No.3 changes to be available Table No.6 is selected	Table No.3 changes to be available Table No.6 is selected
7.12 User should be able to change the selection of location	 Enter "Book Restaurant" page Select number of people "3 People" Select location "Room 1" Click on the table No.3 Select location "Room 2" Click on the table No.10 	1. Tables in room 1 is unavailable except No.2 and No.4 are booked 2. Table No.10 is selected, No.8 No.11 are available, No.9 is booked, No. 12 and No.13 are unavailable	1. Tables in room 1 is unavailable except No.2 and No.4 are booked 2. Table No.10 is selected, No.8 No.11 are available, No.9 is booked, No. 12 and No.13 are unavailable
7.13 User should be able to cancel the selected table	 Enter "Book Restaurant" page Select number of people "3 People" Select location "Room 1" Click on the table No.3 Click on the table No.3 again 	The status of Table No.3 changes from selected to available.	The status of Table No.3 changes from selected to available.

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
8.1 User should be able to dynamically see a list of menu items. Each item has image, description, type indication and cost. Minimum 12 items.	Enter "Book Restaurant" page	Display 12 dishes and each item has the image, description, type indication and cost.	Display 12 dishes and each item has the image, description, type indication and cost.
8.2 User can select item and specify amount	 Enter "Book Restaurant" page Select number of people "3 People" Select location "Room 1" Click on the table No.3 Click on the "+" button twice of the second item Pumpkin Soup Click on the "+" button once of the third item "Toasted Sandwich" 	1. The number of Pumpkin Soup is 2 2. The number of Toasted Sandwich is 1 3. The confirmation of dishes displays the selection and total price like below: Pumpkin Soup *2 \$30 Toasted Sandwich *1 \$10 Total: \$40	1. The number of Pumpkin Soup is 2 2. The number of Toasted Sandwich is 1 3. The confirmation of dishes displays the selection and total price like below: Pumpkin Soup *2 \$30 Toasted Sandwich *1 \$10 Total: \$40

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
8.3 User can change the selection of dishes	 Enter "Book Restaurant" page Select number of people "3 People" Select location "Room 1" Click on the table No.3 Click on the "show dishes button" Click on the "+" button twice of the second item "Pumpkin Soup" Click on the "+" button once of the third item "Toasted Sandwich" Click on the "-" button once of the second item "Pumpkin Soup" Click on the "-" button once of the third item "Toasted Sandwich" Click on the "-" button once of the third item "Toasted Sandwich" Click on the "+" button twice of the first item "Halloumi Bruschetta" 	1. The number of Pumpkin Soup is 1 2. The number of Halloumi Bruschetta is 1 3. The confirmation of dishes displays the selection and total price like below: Pumpkin Soup *1 \$15 Halloumi Bruschetta *1 \$20 Total: \$35	1. The number of Pumpkin Soup is 1 2. The number of Halloumi Bruschetta is 1 3. The confirmation of dishes displays the selection and total price like below: Pumpkin Soup *1 \$15 Halloumi Bruschetta *1 \$20 Total: \$35
8.4 On confirmation the booking system should calculate total price and provide a full statement of selected items and table number. Summary for booking should have date, time, name of Restaurant room (or deck), table number, number of people coming, menu selected and total cost.	 Select date "02/11/2019" (today is 01/11/2019) Select time "07:00 PM" Select number of people "3 People" Select location "Room 1" Click on the table No.4 Click on the "+" button twice of the fourth item "Smoked Salmon" Click on the "+" button once of the tenth item "Seafood Salad" 	The Reservation shows information likes below: Date: 02/11/2019 Time: 07:00 PM People: 3 Table: Room 1 – Table No.4 Dishes: Smoked Salmon *2 \$38 Seafood Salad *1 \$25 Total: \$63	The Reservation shows information likes below: Date: 02/11/2019 Time: 07:00 PM People: 3 Table: Room 1 – Table No.4 Dishes: Smoked Salmon *2 \$38 Seafood Salad *1 \$25 Total: \$63

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
8.5 User should be able cancel the booking	 Select date "02/11/2019" (today is 01/11/2019) Select time "07:00 PM" Select number of people "3 People" Select location "Room 1" Click on the table No.4 Click on the "+" button twice of the fourth item "Smoked Salmon" Click on the "+" button once of the tenth item "Seafood Salad" Click on the "Cancel" button of the reservation Select "Yes" button on the confirmation message box 	1. Show a message box saying, "Are you sure to clear the reservation?" 2. The page goes back to default status after clicking on the "Yes" button 3. User can select again	1. Show a message box saying, "Are you sure to clear the reservation?" 2. The page goes back to default status after clicking on the "Yes" button 3. User can select again
8.6 User should be able change the mind of cancelling the booking	 Select date "02/11/2019" (today is 01/11/2019) Select time "07:00 PM" Select number of people "3 People" Select location "Room 1" Click on the table No.4 Click on the "+" button twice of the fourth item "Smoked Salmon" Click on the "+" button once of the tenth item "Seafood Salad" Click on the "Cancel" button of the reservation Select "No" button on the confirmation message box 	1. Show a message box saying, "Are you sure to clear the reservation?" 2. Go back to the booking page and all booking information is still on the confirmation part after clicking on the "No" button	1. Show a message box saying, "Are you sure to clear the reservation?" 2. Go back to the booking page and all booking information is still on the confirmation part after clicking on the "No" button

Requirement to test	Test Data Input	Expected Outcomes	Actual Outcomes
8.7 After booking confirmation is done, table should be marked as unavailable for that time (plus two hours) and selected date	1. Select date "02/11/2019" (today is 01/11/2019) 2. Select time "10:00 AM"	Show a message box saying, "Are you sure to confirm the reservation?"	Show a message box saying, "Are you sure to confirm the reservation?"
	3. Select number of people "3 People"4. Select location "Room 1"	2. Show a message box with the details of booking	Show a message box with the details of booking
	5. Click on the table No.4 6. Click on the "+" button twice of the fourth item	3. The page goes back to the default status 4. The table No.4 is booked for the selected time 10:30 AM, 11:00 AM, 11:30 AM, click on the table No.4 nothing will happen 6. The table No.4 is available for the selected time 12:00 PM, 12:30 PM, and the date of 03/11/2019, click on the table No.4, the table should be written into the confirmation	The page goes back to the default status
	"Smoked Salmon" 7. Click on the "+" button once of the tenth item "Seafood Salad"		4. The table No.4 is booked for the selected time 10:30 AM, 11:00 AM, 11:30 AM, click on the table No.4 nothing will happen 6. The table No.4 is available for the selected time 12:00 PM, 12:30 PM, and the date of 03/11/2019, click on the table No.4, the table is written into the confirmation
	8. Click on the "Confirm" button of the reservation		
	9. Select "Yes" button on the confirmation message box 40. Click on "Dane" of the message have		
	10. Click on "Done" of the message box11. Select the same date, the same number of people, and the same location		
	12. Select the time "10:30 AM"		
	13. Select the time "11:00 AM"		
	14. Select the time "11:30 AM"		
	15. Select the time "12:00 PM"		
	16. Select the time "12:30 PM"		
	17. Select the date of 03/11/2019		