**TEST CASES FOR FUNCTIONALITIES AVAILABLE TO REGISTERED USERS.**

**F-01: USER REGISTRATION IN THE  APPLICATION**

- **Preconditions:** The user will fill in all the fields to register on the web app.

| ID | Test Scenario | Input Data | Execution Path | Expected Results | Actual Results | Test Results(Pass/Fail) |
|---|---|---|---|---|---|---|
| F01-TC1 | Validate that an error message is shown if the password field has less than five characters. | "Mar" "mar" "m" "ma" | Enters the if condition, shows an error message. | "Passwords must have five characters or more." | "Passwords must have five characters or more." | Pass. |
| F01-TC2 | Validate that an error message is shown if the name field is empty. | Name: "" Last Name: "Plum" User: "SolSunny" Pass: "London1" Nr Card: 4485-74649338-4014 CVC: 615 | Enters the if condition, shows an error message. | "Please, fill in all the fields." | "Please, fill in all the fields." | Pass. |
| F01-TC3 | Validate that an error message is shown if the last name field is empty. | Name: "George" Last Name: "" User: "SolSunny" Pass: "London1" Nr Card: 4485-74649338-4014 CVC: 615 | Enters the if condition, shows an error message. | "Please, fill in all the fields." | "Please, fill in all the fields." | Pass. |
| F01-TC4 | Validate | Name: | Enters the | "Please, | "Please | Pass. |

| | | that an error message is shown if the username field is empty. | "George" Last Name: "Plum" User:"" Pass: "London1" Nr Card: 4485-7464933 8-4014 CVC: 615 | if condition, shows an error message. | fill in all the fields." | , fill in all the fields." | |
|---|---|---|---|---|---|---|---|
| F01-TC5 | Validate that an error message is shown if the password field is empty. | Name: "George" Last Name: "Plum" User: "Solsunny" Pass:"" Nr Card: 4485-7464933 8-4014 CVC: 615 | Enters the if condition, shows an error message. | "Please, fill in all the fields." | "Please , fill in all the fields." | Pass. | |
| F01-TC6 | Validate that an error message is shown if the Card Number field is empty. | Name: "George" Last Name: "Plum" User: "Solsunny" Pass: "London1" Nr Card: "" CVC: 615 | Enters the if condition, shows an error message. | "Please, fill in all the fields." | "Please , fill in all the fields." | Pass. | |
| F01-TC7 | Validate that an error message is shown if the CVC field is empty. | Name: "Joshua" Last Name: "Plump" User: "Solsunny" Pass: "London1" Nr Card: 4485-7464933 8-4014 CVC:"" | Enters the if condition, shows an error message. | "Please, fill in all the fields." | "Please , fill in all the fields." | Pass. | |
| F01-TC8 | Verify if an error | 1.Pass: "london1" | Iterates through the | "Passwor d must | 1."Pass word | Partially Pass. | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | message is shown in case the password has a missing; Upper case, lower case or a number.. | 2.Pass: "LON4"<br><br>3.Pass: "Lond"<br><br>4.Pass: "lon"<br><br>5.Pass: "LON" | password to check for numbers, uppercase and lowercase letters. Then validates the result and shows an error if needed. | have a number, upper case and lower case character" | must have a number, upper case and lower case character"<br><br>2."Passwords must have more than five characters." | Input Data 2, 3, 4, 5. Showed only one error message. "Passwords must have more than five."<br><br>The innerHTML is updated, replacing the previous message. |

## F-02: CLIENT FLIGHT RESERVATION PROCESS.

- **Preconditions:** Registered users will be able to reserve a flight to the available touristic places.

| ID | Test Scenario | Input Data | Execution Path | Expected Results | Obtained Results | Test Results( Pass/Fail) |
|---|---|---|---|---|---|---|
| F02-TC1 | Verify that an error message appears in case the user does not select a destiny. | Choose the "select" option from the dropdown. | Enter the if condition, if the selected option === "select". It shows an error message. | "Please choose an option." | "Please choose an option." | Pass. |
| F02-TC2 | Verify that an error message appears in case the user does | Choose the "form of payment" option from the dropdown. | Enter the if condition, if the selected option === "form of | "Please choose an option." | "Please choose an option." | Pass. |

|  | | | | "payment". It shows an error message. | | |
|---|---|---|---|---|---|---|
| F02-TC3 | Ensure an error message is displayed if the user does not enter the number of passengers. | 1.Leave the field empty.<br><br>2.Fill in a zero in the field. | Enter the if condition, if there's zero or less, it shows an error message. | "Please choose an option." | "Please choose an option." | Pass. |
| F02-TC4 | Verify if the system shows the reservation details. | 1.Destination: "Rome".<br><br>2.Amount of travelers: "2"<br><br>3.Form of payment: "Money" | Enter the if condition, if the user fills all the fields and clicks on the book now button. An informative message will show up. | "Your reservation for 2 is complete. Reservation status: Pending. Total amount to pay:$4000.You won a mile." | "Your reservation for 2 is complete. Reservation status: Pending. Total amount to pay:$4000.You won a mile." | Pass. |