Testing and review of Interface for Marketing interface

Test number 1:	
Objective: Test to verify if the system can retrieve and display financial data for an event	
Set up: ● The user logs into the device ● User goes onto the user interface. ● The database contains at least one event with associated financial data (e.g., booked seats, venue price, and event costs ● The user attempts to retrieve financial data for the event.	
Expected results: ● The desktop application is able to run the code. ● The user interface should print out options for the users. ● The display should show Get event financial data. ● I am able to pick said option and see the financial data	
Test: ● User logs into the device successfully. ● The desktop application is capable of executing the provided code. ● The user interface presented a list of options for the user to choose from. ● The display included the option to "Get event financial data." ● The user selected this option and saw the financial data for the specified event	
Test Record: There is a method which allows users to view the financial data within the system.	
Date:4 March 2025	
Result: Passed	

Test number 2:

Objective: Booking Meeting Rooms

Set up:

- The user logs into the device
- User goes onto the user interface.
- The database contains at least one room that is empty
- The user can be able to book a room.

Expected results:

- The desktop application is capable of executing the provided code.
- The user interface should present a list of options for the user to choose from.
- The display should include the option to "Reserve a meeting room."
- The user should be able to select this option, enter the ID of the meeting room they wish to book, and successfully reserve it.
- The system should confirm the reservation by updating the database and displaying a success message.

Test:

- User logs in successfully.
- The database contains at least one free meeting room.
- The user selects the "Reserve a meeting room" option in the application.
- The desktop application connects to the cloud database using the DatabaseConnection class.
- The user enters the ID of the meeting room they want to book.
- The database updates the meeting room's status to "reserved."
- A confirmation message is displayed to the user.

Test Record: There is a method which allows users to book a room.

Date:5 March 2025	

Result: Passed

Test number 3:

Objective: Stop displaying booked room

Set up:

- The user logs into the device
- User goes onto the user interface.
- The database contains at least one room that is empty
- The user can be able to book a room.
- User logs in successfully.
- The database contains at least one free meeting room.
- The user selects the "Reserve a meeting room" option in the application.
- The desktop application connects to the cloud database using the DatabaseConnection class.
- The user enters the ID of the meeting room they want to book.
- The database updates the meeting room's status to "reserved."
- A confirmation message is displayed to the user.

Expected results:

- The user should be able to select this option, enter the ID of the meeting room they wish to book, and successfully reserve it.
- The system should confirm the reservation by updating the database and displaying a success message.
- I try to enter the same method again and run it.
- The system should give me an error message or not display the booked room for new customers.

Test:

- The user should be able to select this option, enter the ID of the meeting room they wish to book, and successfully reserve it.
- The system confirms the reservation by updating the database and displaying a success message.
- I try to enter the same method again and run it.
- The system did not display to me the booked room

Test Record: There is a method which allows users to not be able to view a booked room.

Date:5 March 2025	
Result: Passed	

Test number 4:
Objective: Book in a time slot
Set up: ● The user logs into the device. ● The user navigates to the user interface. ● The database contains at least one available time slot. ● The user can book a time slot.
Expected results: ● The desktop application is capable of executing the provided code. ● The user interface should present a list of options for the user to choose from. ● The display should include the option to "Book time slots." ● The user should be able to select this option, enter the ID of the time slot they wish to book, and successfully reserve it. ● The system should confirm the reservation by updating the database and displaying a success message. .
Test: ● The desktop application executed the provided code. ● The user interface presented a list of options for the user to choose from. ● The display included the option to book time slots. ● I successfully picked a time for the event ● The system confirmed the reservation by updating the database and displaying a success message. .

Test Record: There is a method which allows users to not be able to view a booked room.	
Date:5 March 2025	
Result: Passed	

Test number 5:
Objective: Show seat number in room
Set up: ● The user logs into the system with their account.. ● The cloud database is online and accessible. ● The database contains at least one free meeting room with a defined capacity . ● The user attempts to view the list of free meeting rooms.
Expected results: ● The desktop application establishes a secure connection to the cloud database using the DatabaseConnection class. ● The application retrieves a list of free meeting rooms from the database. ● The application displays the name, ID, and capacity (number of seats) of each free meeting room. ● The information is displayed clearly and without errors.
Test: ● The user should be able to select this option, enter the ID of the meeting room they wish to book, and successfully reserve it. ● The system confirms the reservation by updating the database and displaying a success message. ● The system displayed the capacity and printed “Meeting room capacity”
Test Record: There is a method which allows users to be able to view capacity of a booked

room.	
Date:5 March 2025	
Result: Passed	

Test number 6:	
Objective: There should be a method for me to leave the interface using the code	
Set up: ● The user logs into the system with their account.. ● The code is up and running ● The user types stop	
Expected results: ● The code needs to be running ● I will type stop into the interface ● The input should ends the interface	
Test: ● The code is running ● I type stop into the interface ● The input ends the interface	
Test Record: There is a method which allows users to be able to end code	
Date:5 March 2025	
Result: Passed	

Test number 7:

Objective: There should be a method for me to enter cost to for an event

Set up:

- The user logs into the system with their account..
- The code is up and running

Expected results:

- The code needs to be running
- I will go on log event cost
- A display message will pop up
- I will be able to enter the cost and log it
- The cost should save for each event

Test:

- The code is running
- I went on log event cost
- A display message popped up
- I was be able to enter the cost and log it
- The cost saved for each event

Test Record: There is a method which allows users to be able to log cost for each events

Date:6 March 2025	

Result: Passed

Test number 8:
Objective: The interface needs to allow me to navigate the menu using numbers on keyboard
Set up: ● The user logs into the system with their account.. ● The code is up and running ● I have my keyboard ready.
Expected results: ● The code needs to be running ● I will press each number from 1 through 8 ● A display message will pop up ● Each number i press should take me to a new part of the interface
Test: ● The code is running ● I pressed each number from 1 through 8 ● A display message popped up ● Each number i press took me to a new part of the interface
Test Record: There is a method which allows users to be able to navigate across the interface

Date:7 March 2025	
Result: Passed	