Unit Test Summary

Test case ID	Steps(description)	Expected result	Actual result	Pass/ Fail	Remarks
1. `testDBinsertionActivity`	Insert an object in 'activities' table	Object is inserted into the database	Object is inserted into the database	Pass	
	Check if it's inserted	The newest activity in the table is the one which we inserted	The newest activity in the table is the one which we inserted	Pass	
2. `testDBupdateActivity`	Update an 'activity' in the database	Verify that the activity is updated	The activity is updated	Pass	
3. `testDBretrieveActivity`	Get an activity from the database	Verify that the activity has the information that's expected	The activity has the information that's expected	Pass	
4. `testDBdeleteActivity`	Delete an activity	Verify that the total amount of activities has decreased by one	The total amount of activities has decreased by one	Pass	
5. `testDBinsertReservation`	Insert an object in 'reservation' table	The object is inserted	Object is inserted into the database	Pass	
6. `testDBretrieveReservations OnDay`	Retrieve reservations on specific day	Retrieved all the activities on a specific day	Retrieved all the activities on a specific day	Pass	
7.`testDBdeleteReservation`	Delete a reservation	Deleted the last inserted reservation	Deleted the last inserted reservation	Pass	
8.`testDBGetInstructors`	Get all instructors from the database	All the instructors are retrieved from the database	All the instructors are retrieved from the database	Pass	
9.`testDBAddKioskItem`	Insert an object in 'kioskItem' table	Object is inserted into the database	Object is inserted into the database	Pass	
	Check if it's inserted	The newest kioskItem in the table is the one	The newest kioskItem in the table is the one which we inserted	Pass	

		which we inserted		Pass	
10.testGetKioskItems	Get all the kiosk items from the database	All kiosk items are retrieved from the database	All kiosk items are retrieved from the database	Pass	
11. testDeleteKioskItem	Check if it's deleted	Delete Kiosk Items	Delete Kiosk Items	Pass	
12. testUpdateKioskItem	Check if it's updated	Update Kiosk items	Update Kiosk items	Pass	
13. testWriteToDBreservation	Save if reservation successful and get notification	Select date, time, activities, instructor, customer's name and phone, extra comments, number of people	Selected reservation saved successful and we get the notification	Pass	
14. testIfModelClassConnected	Connect to the Database	There is connection to DB	There is connection to DB	Pass	
15.testWriteToDBInstructor	Inserts an instructor object to DB	Inserts an instructor object to DB	Inserts an instructor object to DB	Pass	
	Check if it's inserted	The last instructor in the database table is the one which we inserted	The last instructor in the database table is the one which we inserted	Pass	
16. testGetDBActivitiesInReservation	Get all the activities in a reservation using reservation ID	We get all the activities in the reservation	We get all the activities in the reservation	Pass	
17. testGetLastReservationID	To get an ID of the last reservation	We get last reservations ID	We get last reservations ID	Pass	

18.testGetLastActivityID	To get an ID of the last activity	We get last activity ID	We get last activity ID	Pass	
19. testGetDBReservationsOnDay	Gets all the reservations for the given day	All the reservations for the given day are returned	All the reservations for the given day are returned	Pass	
20. testGetDBInstructorByActivityID	Gets the instructor for the given activity ID	The instructor for the given activity ID is returned	The instructor for the given activity ID is returned	Pass	
21. testGetDBInstructorsByActivity	Gets the instructors for the given activities	All the instructors for the given activities are returned	All the instructors for the given activities are returned	Pass	
22. testUpdateDBInstructor	Updates the information of a particular instructor	The information for the particular instructor is updated	The information for the particular instructor is updated	Pass	

Acceptance Test

TC_01 Create the Main view:

- after launch of application show the main window with a company logo and 3 different buttons that directs the user to Reservations, Activities and Kiosk;
- after user clicks the mouse pointer on the Reservation button, user is directed to Reservations view, where the user can see and manage the reservations;
- after user clicks on Activities button, user is directed to Activities view, where they are able to see all activities and manage them;
- after user clicks on Kiosk button, direct user to Kiosk view, where user can choose the drinks and snacks for the customer;

TC_02 Create Reservation view:

- on the top of Reservation view is displayed company logo and calendar button. Calendar button directs the user to the Calendar view;
- at the left side of a Reservation view there is a table view, that holds the information about reservations for current day: time, activities, customer and number of people. Information for the table comes from the database. Under this table view there is three buttons:
  - Back - directs the user to the Main view;
  - New - after user clicks New button, it enables user to add new reservation. An input area appears on the right of the Reservations view. Area is named "New". User is able to select the date, instructor, activity and time, customer name, phone number, number of people and add some comments. After user is done with new reservation, after pressing save, database should be updated;
  - Delete - after clicking Delete button, selected reservation is being deleted from the current day reservation view;
- ● by default, on the right side of the Reservation view, there is input area that enables user to edit selected activity for a current day. Under this area there two buttons:
  - ○ Save - saves all the changes made for the selected reservation and update the database;
  - ○ Clear - clears all the textfields of the Edit area;

TC_03 Create the Activity view:

- on the top of Activity view there is a company logo;
- on the left side of Activity view, there is a table view, that contains the information from company database. This table view shows activity id and activity name. Under this table view there is three buttons:
  - Back - directs the user to the Main view;
  - New - after user clicks New button, it enables user to add new activity. An input area appears on the right of the Activity view. Area is named "New". User is able to add activity name, description, age limit and price. After user is done with new activity, after pressing save, database should be updated;
  - Delete - after clicking Delete button, selected activity is being deleted from the list of the table view, database is updated;
- ● by default, on the right side of the Activity view, there is input area that enables user to edit selected activity. Under this area there two buttons:
  - ○ Save - saves all the changes made for the selected activity and update the database;
  - ○ Clear - clears all the textfields of the Edit area;

TC_04 Create Kiosk view:

- on the top of a Kiosk view there is company logo;
- on the left side of a Kiosk view there is buttons with the item names that are available to sell in the kiosk. All kiosk items are saved in the database. Each time button is clicked, it adds the item to the list of the receipt.
- on the right side of the Kiosk view, there is a grid pane, where is populated a list of all added items for sell. This list performs a receipt function that has item name, items amount, item price and subtotal price.
- each item in the receipt list has add "+" and remove "-" buttons. If add is clicked, it adds one, same item, to the list and updates the price, if remove is clicked, it removes one of that item from the receipt and updates the subtotal price;
- in the end of the receipt list there is button "Pay". After pay button is clicked, there is a payment confirmation and adding to the list is disabled. "Pay" button changes name to "Ok". After ok is clicked kiosk view returns to the primary stage.
- at the end of the Kiosk view, there is "Back" button, that redirects user back to the Main view.

TC_05 Display Calendar view:

- on the top of the Calendar view is displayed calendar with a ability to select the particular date, there is also located "Back" and "Book" buttons;
- when particular date is selected, the table view with hours and activities updates with the information from database, and shows what activities at what times are booked;
- it is also to possible to make a new reservation in Calendar view by selecting the time frame for a specific activity;
- new reservation has to be saved and update the database then clicked "BOOK" button with a new information and change the view to Reservation view;
- "Back" button redirects the user to the Reservation view;