Testing table

Below is my testing table which includes the tests I plan to carry out for each of the features I plan to have available on my program. Validation is important in this section because certain values may not work for specific features. For example, if a menu has a limit between 1-5 and the user enters a 6, the program should be able to tell the person to reenter their value.

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| Function being tested | Input | What type of test | Expected result | Validation |
| Changing a record that is currently in the table | Inputting record ID, Inputting new city, inputting new package, inputting new hotel  Example “2” to access function from menu, “London, Romantic, Hotel” | Typical | For the record in the table to have been updated in the table permanently. | Cannot have a value that is less than or larger than the number of record ID’s or a string |
| Adding a new record to the table | Inputting new city, inputting new package, inputting new hotel  Example: “1” to access function from menu, “London, Romantic, Hotel” | Typical | Adds a new record to the table with a new record ID | None |
| Deleting a record from the table | Inputs yes when asked if they want the record with a specific id to be deleted | Typical | Removes the record from the table and the database. | Cannot put in the ID of a record that does not exist in the table |
| Function that allows for records to be displayed in ascending order of distance | Input the package type and the city that they want | Typical | Lists in order of distance from starting city the records in an interface. | The package type has to exist inside the table. |
| Display all the records currently in the package table | Go to the menu and input the option that displays all the records in the package table | Typical | Lists every record currently in the package table | Menu will have specific number values and the input cannot be more or less than that |
| Type anything other than yes or no when asked to update or create the table | Input for example, “agnjafl” when asked to input yes or no | Erroneous | Asks for another input to use. | Checking to see if the values entered are anything except for “yes” or “no” |
| Type in any number not in the range when asked to access the menu options | Input for example “9” or “sfd” when there are only options of 1-6 | Erroneous | Asks the user to input a new number for the table. | Has to be the number of the menu options, cannot be less or more. |