|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test (CATERING) | Expected Outcome | Actual Outcome | Observations | Changes Made |
| Get FoodItem | Food Items are displayed in JSON format. | The get request works and shows me the item with the ID of “1”. | The ID I entered was “1”. |  |
| Put FoodItem | Can edit a Food Item in JSON format. | The Item with the ID of 1 is changed. | The ID I entered was “1”. |  |
| Post FoodItem | Can create a Food Item in JSON format. | The Item was entered into the database. | The ID for the Item is 4, due to a prior deletion. |  |
| Delete FoodItem | Can delete a Food Item. | The Item created above with the ID of 4 was deleted. |  |  |
| Get FoodBooking | Food Bookings are displayed in JSON format. | The get request works and shows me the item with the ID of “1”. | The ID I entered was “1”. |  |
| Put FoodBooking | Can edit a Food Booking in JSON format. | I got a 405 error, meaning that the data must be entered in a POST. | The ID I entered was “1”. |  |
| PostFoodBooking | Can create a Food Booking in JSON format. | I got a 500 internal server error: Cannot insert explicit value for identity column in table 'FoodBookings' when IDENTITY\_INSERT is set to OFF. BUT the Food bookings have been posted regardless of this error message. |  |  |
| Delete FoodBooking | Can delete a Food Booking. | Deleted one of the FoodBookings that were created. | The ID I entered was “7”. |  |
| Get Menu | Menus are displayed in JSON format. | The get request works and shows me the item with the ID of “1”. | The ID I entered was “1”. |  |
| Put Menu | Can edit a Menu in JSON format. | The Item with the ID of 1 is changed. | The ID I entered was “1”. |  |
| Post Menu | Can create a Menu in JSON format. | A menu was created with the ID of 3. |  |  |
| Delete Menu | Can delete a Menu. | The Menu with the ID of 3 has been deleted. | The ID I entered was “3”. |  |
| Get MenuFoodItem | Menu Food Items are displayed in JSON format. | I got the error “Entity type 'MenuFoodItem' is defined with a 2-part composite key, but 1 values were passed to the 'DbSet.Find' method.”. | The ID I entered was “1”. |  |
| Put MenuFoodItem | Can edit a Menu Food Item in JSON format. | I got the error “Entity type 'MenuFoodItem' is defined with a 2-part composite key, but 1 values were passed to the 'DbSet.Find' method.”. | The ID I entered was “1”. |  |
| Post MenuFoodItem | Can create a Menu Food Item in JSON format. | I got the error “Entity type 'MenuFoodItem' is defined with a 2-part composite key, but 1 values were passed to the 'DbSet.Find' method.”. |  |  |
| Delete MenuFoodItem | Can delete a Menu Food Item. | I got the error “Entity type 'MenuFoodItem' is defined with a 2-part composite key, but 1 values were passed to the 'DbSet.Find' method.”. |  |  |
| --- | --- | --- | --- | --- |
| Try to GET a FoodItem that is not in the database | An item not found error is given. | A 404 error is given. |  |  |
| Try to GET a FoodBooking that is not in the database | An item not found error is given. | A 404 error is given. |  |  |
| Try to GET a Menu that is not in the database | An item not found error is given. | A 404 error is given. |  |  |
| Try to GET a MenuFoodItem that is not in the database | An item not found error is given. | A 404 error is given. |  |  |
| Try to GET a FoodItem that has been deleted | An item not found error is given. | A 404 error is given. |  |  |
| Try to GET a FoodBooking that has been deleted | An item not found error is given. | A 404 error is given. |  |  |
| Try to GET a Menu that has been deleted | An item not found error is given. | A 404 error is given. |  |  |
| Try to GET a MenuFoodItem that has been deleted | An item not found error is given. | A 404 error is given. |  |  |
| POST FoodItem with a duplicate ID | The operation will not be allowed. | Specifying an ID causes postman to not work with a POST request. |  |  |
| POST FoodBooking with a duplicate ID | The operation will not be allowed. | Specifying an ID causes postman to not work with a POST request. |  |  |
| POST Menu with a duplicate ID | The operation will not be allowed. | Specifying an ID causes postman to not work with a POST request. |  |  |
| POST MenuFoodItem with a duplicate ID | The operation will not be allowed. | Specifying an ID causes postman to not work with a POST request. |  |  |
| PUT – Change the ID of a FoodItem | Postman should not allow the change. | A 405 Method not allowed error is shown. |  |  |
| PUT – Change the ID of a FoodBooking | Postman should not allow the change. | A 405 Method not allowed error is shown. |  |  |
| PUT – Change the ID of a Menu | Postman should not allow the change. | A 405 Method not allowed error is shown. |  |  |
| PUT – Change the ID of a MenuFoodItem | Postman should not allow the change. | A 405 Method not allowed error is shown. |  |  |
| DELETE an already deleted FoodItem | An item not found error is given. | A 404 error is given. |  |  |
| DELETE an already deleted FoodBooking | An item not found error is given. | A 404 error is given. |  |  |
| DELETE an already deleted Menu | An item not found error is given. | A 404 error is given. |  |  |
| DELETE an already deleted MenuFoodItem | An item not found error is given. | A 404 error is given. |  |  |

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| --- | --- | --- | --- | --- |
| Test (EVENTS) | Expected Outcome | Actual Outcome | Observations | Changes Made |
| Can view an index of customers | You see the index | You see the index |  |  |
| Can view details of a customer | You see the details | You see the details |  |  |
| You can edit the details of a customer | You edit the details of a customer | You edit the details of a customer |  |  |
| The edit saves to the customer | The edit is saved | The edit is saved |  |  |
| You can create a new customer | You create a new customer | You create a new customer |  |  |
| The new customer is saved | The new customer is saved | The new customer is saved |  |  |
| You can delete a customer | You delete a customer | You delete a customer |  |  |
| You are asked to confirm deletion | You are asked to confirm deletion | You are asked to confirm deletion |  |  |
| You can view the index of events | You can view the index of events | You can view the index of events |  |  |
| View details of event | You can view the details of an event | You can view the details of an event |  |  |
| Display first aider warning | A first aider warning should be shown if no staff are capable | It is shown |  |  |
| Create new event | A new event is created | A new event is created |  |  |
| You can edit an event | An event is edited | It is edited |  |  |
| Save edit | The edit is saved | The edit is saved |  | I have not given the PTY for party so It is showing up as blank |
| Asked to confirm deletion | Asked to confirm deletion | Asked to confirm deletion |  |  |
| Delete event | Event deleted | Event deleted |  |  |
| Guest booking index | You view the guest booking index | You view the guest booking index |  |  |
| View details guest booking | You view the details of a guest booking | You view the details of a guest booking |  |  |
| Create new guest booking | New guest booking made | New guest booking made |  |  |
| Edit a guest booking | You edit a guest booking | You edit a guest booking |  |  |
| Edit is saved | The edit is saved | The edit is saved |  |  |
| Confirm delete | You are asked to confirm deletion | You are asked to confirm deletion |  |  |
| Delete guest booking | Guest booking is deleted | Guest booking is deleted |  |  |
| Index staff | You can view the index of staff | You view the index of staff |  |  |
| Details Staff | You can view the details of a staff member | You view the details of a staff member |  |  |
| Create staff | You can create a staff member | You can create a staff member |  |  |
| You can edit a staff member | You can edit a staff member | You can edit a staff member |  |  |
| You can save edit of staff | Edit is saved | Edit is saved |  |  |
| Asked to confirm deletion | You are asked to confirm deletion | You are asked to confirm deletion |  |  |
| Staff deleted | Staff member is deleted | Staff member is deleted |  |  |
| Index of staffing | You can view the index for staffing | You can view the index for staffing |  |  |
| Details of staffing | You can view the details of a staffing | You can view the details of a staffing |  |  |
| You can create new staffing | You can create new stffing | You can create new staffing |  |  |
| You can edit staffing | Staffing is edited | Staffing is edited |  |  |
| Edit is saved | Edit is saved | Edit is saved |  |  |
| You are asked to confirm deletion | Deletion confirmed | Deletion confirmed |  |  |
| Staffing deleted | Staffing deleted | Staffing deleted |  |  |

# Report

## Introduction

I found this module to be one of the most interesting ones that I have done in my time with this university; to the extent that I am considering doing something similar in my final year project. Data science has always been the most interesting part of computer science to me, and has long been the field that I wish to work in once I have graduated.

Working with C# was a welcome addition to the languages that we have studied as I personally find it one of the more satisfying languages to work in, and although I had no experience with the use of HTML I feel like I have grasped enough of what is needed to get a project like this working and understanding what it is doing.

## Issues and challenges with the module

I have had many issues this academic year, but none with this module specifically. The module was clearly and interestingly taught and offered many opportunities to enhance our knowledge on this subject in our own time. The issues that I have had over the year have however, greatly impacted myself in both physical and mental ways. The most pressing issue is that something happened to David Hodson; he was dismissed from the university due to student finance, this put me In a position where I knew no one in the year and also had to pay the entire shared house rent, as you can imagine this put me under a great amount of stress; and due to this I developed fibromyalgia. Along with the physical pain of fibromyalgia there are many lesser known symptoms; the one that is most prevalent is one that is referred to as “Fibro-Fog”.

Due to this condition being a very new thing for me, it is taking me a while to adjust to the new way that I will have to live my life. Although I am more determined to do well on my studies than I have ever been, I must admit that it has had an impact on my performance this year.

## Conclusion

Overall I found this module thoroughly enjoyable and I am excited to deepen my knowledge on the use of web apps and services, especially the uses they have when combined with databases and possibly “big data”.