WEB APPLICATION DEVELOPMENT 2

Coursework 2 Testing Document

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Table of Contents

Test Scope

Functional testing was carried out for the following pages/modules:

1. Home page
2. About page
3. Menu pages (Lunch and Dinner menus)
4. Single dish/dish details page
5. Login

   Edit dish page

   Add dish page

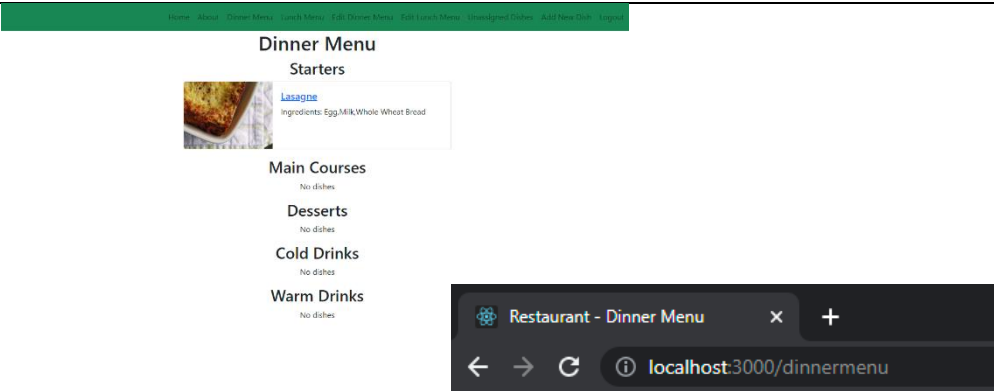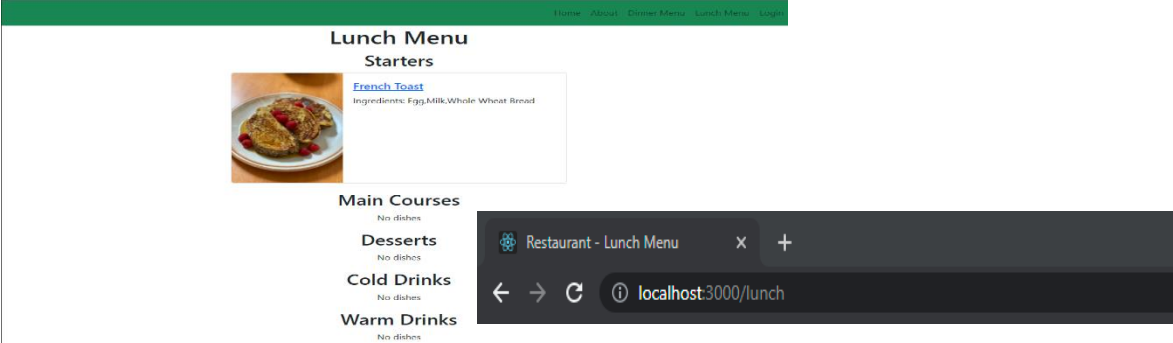   Edit menu pages (Edit lunch menu, edit dinner menu and unassigned dishes)

6. Logout

Test Cases
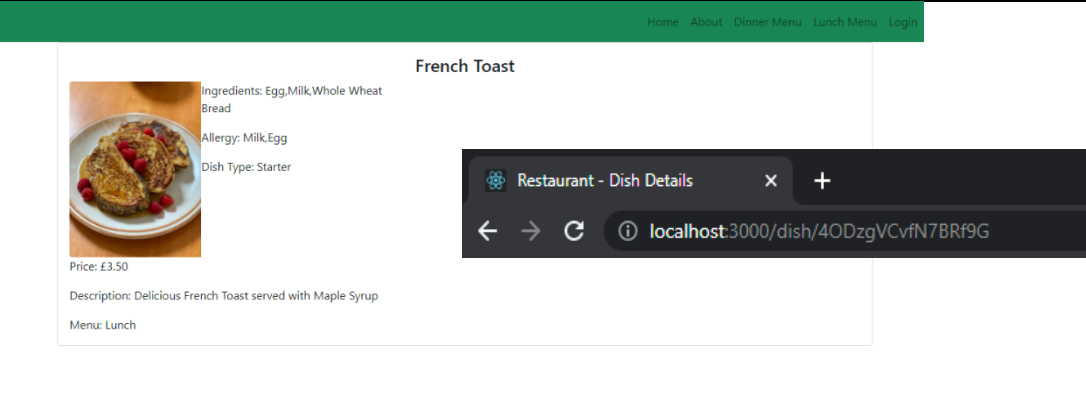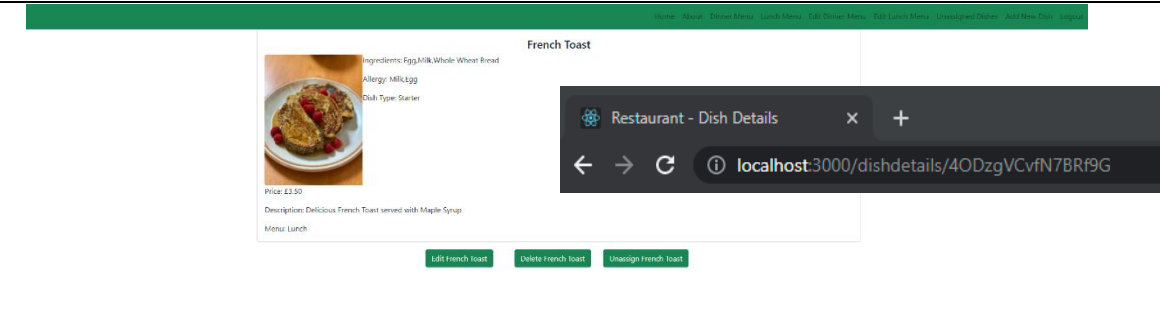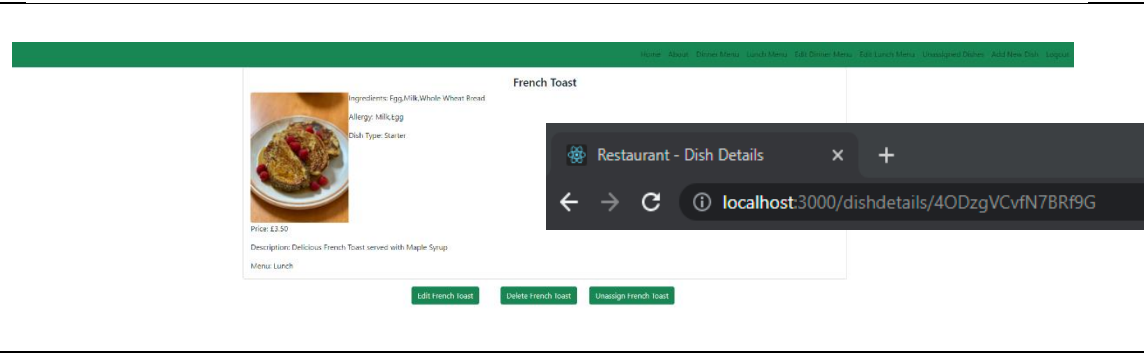
Test ID	Action	Expected Outcome	Status	Evidence
1.1	localhost:3000 (Not logged in)	Home page loads.	OK	

1.2	localhost:3000/home (Logged in)	Home page loads.	OK	
2.1	localhost:3000/about (Not logged in)	About page loads.	OK	
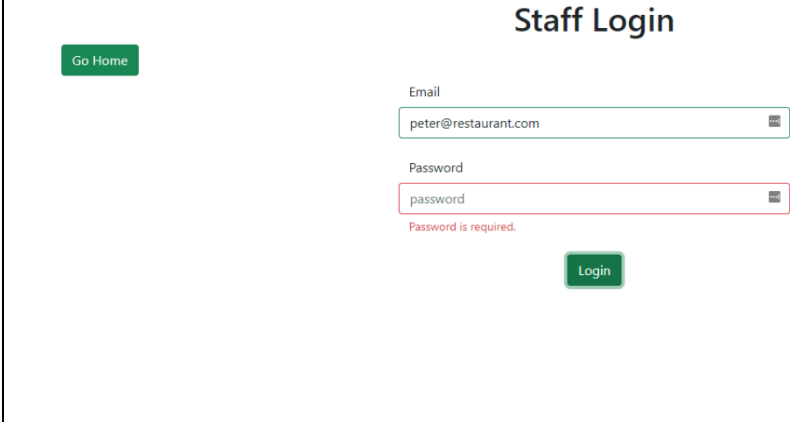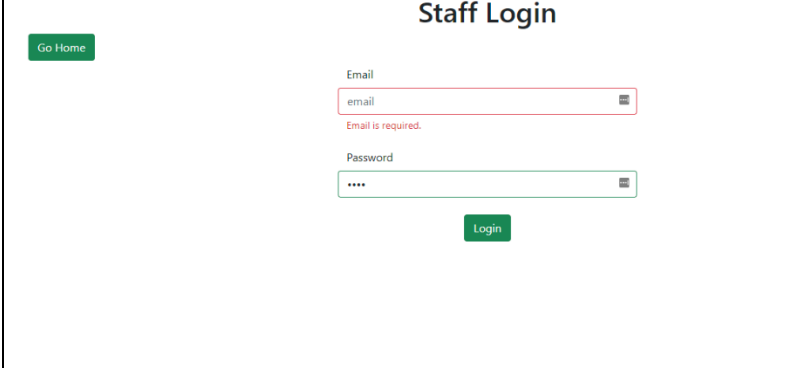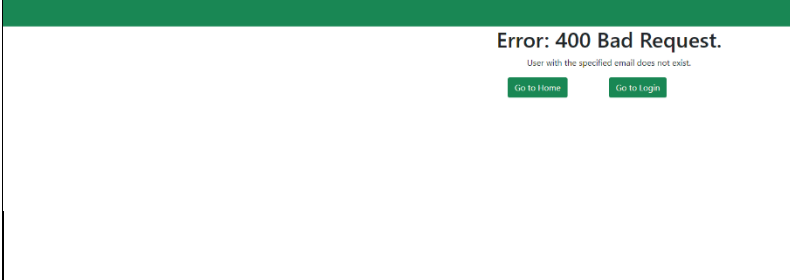
2.2	localhost:3000/aboutus (Not logged in)	About page loads.	OK	
3.1	localhost:3000/dinner (Not logged in)	Dinner menu page loads.	OK	

3.2	localhost:3000/dinnermenu (Logged in)	Dinner menu page loads.	OK	
3.3	localhost:3000/lunch (Not logged in)	Lunch menu page loads.	OK	
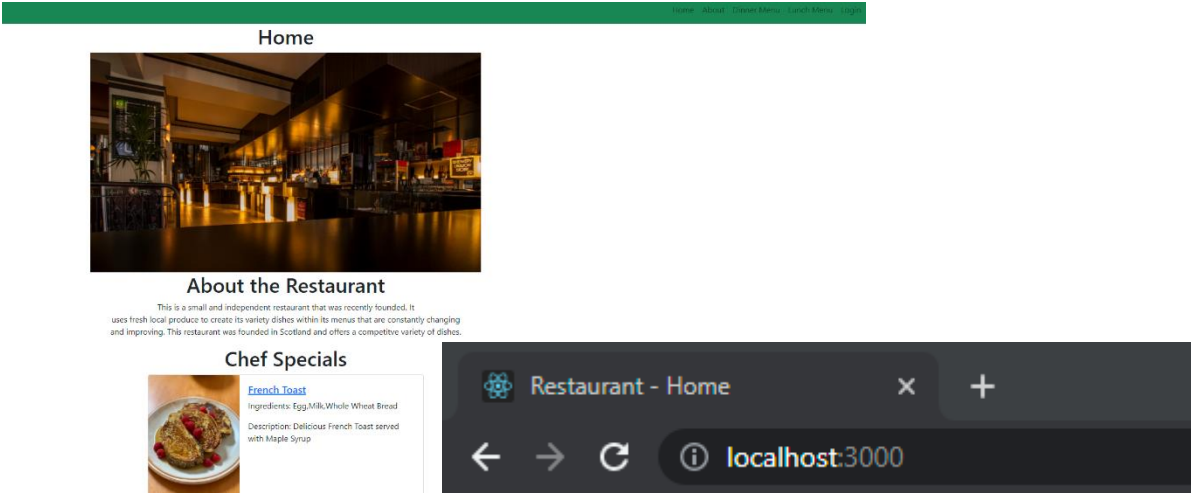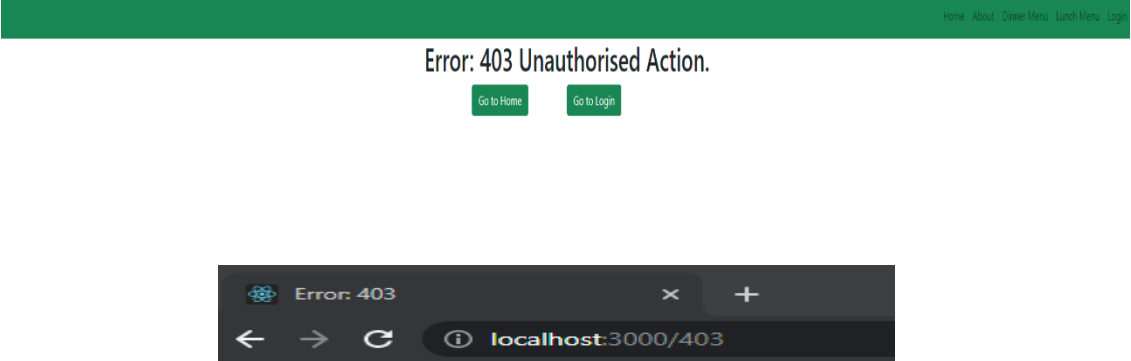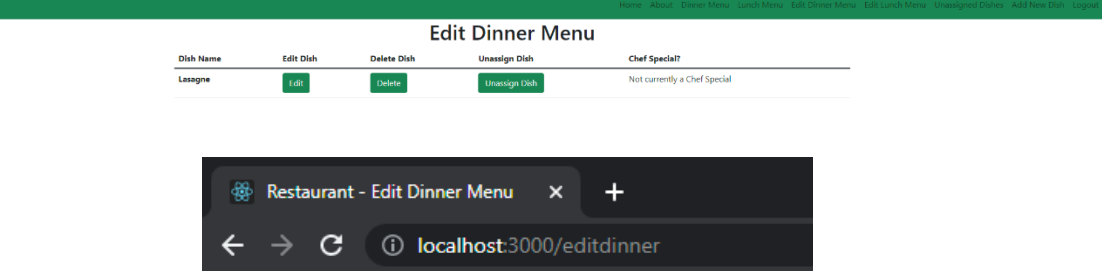
3.4	localhost:3000/lunchmenu (Logged in)	Lunch menu page loads.	OK	
4.1	localhost:3000/dish/id (id is the ID of a dish) (Not logged in)	Single dish page loads.	OK	
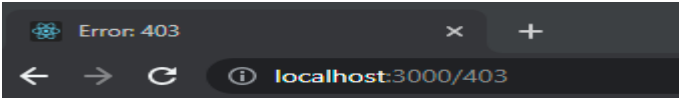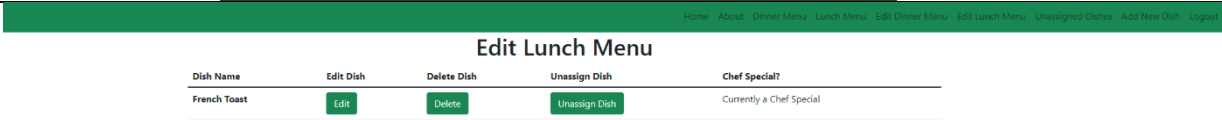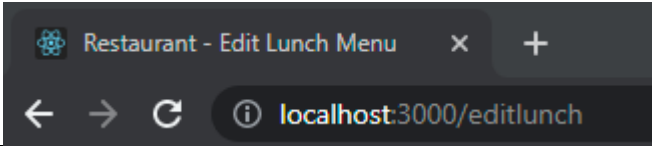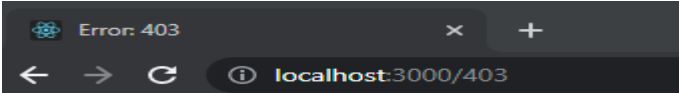
4.2	localhost:3000/dish/id (id is the ID of a dish) (Not logged in) (User clicks name of dish)	Single dish page loads.	OK	
4.3	localhost:3000/dishdetails/id (id is the ID of a dish) (Logged in)	Single dish page loads.	OK	
4.4	localhost:3000/dishdetails/id (id is the ID of a dish) (Logged in) (User clicks name of dish)	Single dish page loads.	OK	
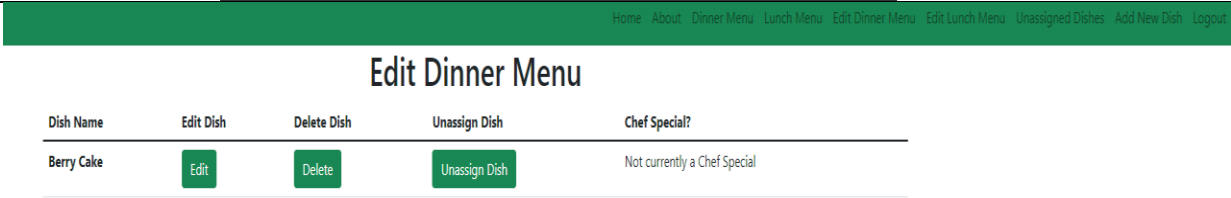
5.1	localhost:3000/login (Click "login" on the navbar)	Login page loads.	OK	
5.2	localhost:3000/login (Click login button with no input)	Login page loads, error messages show under both inputs.	OK	
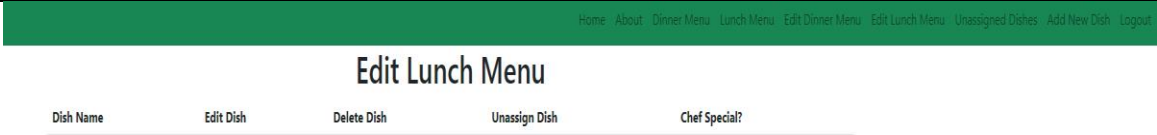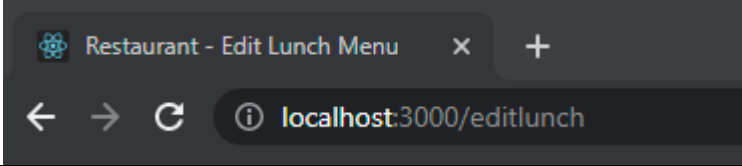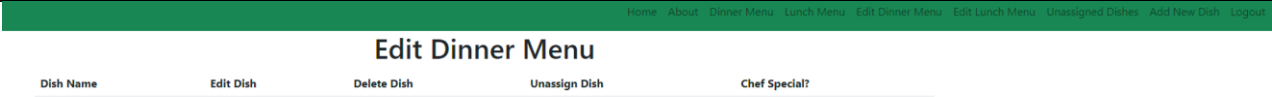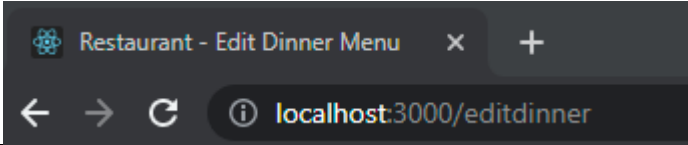
5.3	localhost:3000/login (Click login button with input in email field)	Login page loads, error message shows under password input.	OK	
5.4	localhost:3000/login (Click login button with input in password field)	Login page loads, error message shows under email input.	OK	
5.5	localhost:3000/login (Click login button with email being a random jumble of characters but looks like an email)	Login page loads, error 400 page shows because email doesn't exist.	OK	

5.6	localhost:3000/login (Click login button with email being a random jumble of characters)	Login page loads, error message shows under email input.	OK	
5.8	localhost:3000/login (Click login button with both inputs containing correct details)	Home page loads.	OK	

5.9	localhost:3000/login (Click "Go home" button)	Login page loads, then home page loads after "Go home" button was clicked.	OK	
5.10	localhost:3000/editdinner (Not logged in)	Error 403 page loads because user is not logged in.	OK	
5.11	localhost:3000/editdinner (Logged in)	Edit dinner menu page loads.	OK	

5.12	localhost:3000/editlunch (Not logged in)	Error 403 page loads because user is not logged in.	OK	
5.13	localhost:3000/editlunch (Logged in)	Edit lunch menu page loads.	OK	
5.14	localhost:3000/dish/edit/id (id is the ID of a dish) (Not logged in)	Error 403 page loads because user is not logged in.	OK	

5.15	**localhost:3000/dish/delete/id (id is the ID of a dish) (Not logged in)**	**Error 403 page loads because user is not logged in.**	**OK**	
5.16	**localhost:3000/dish/delete/id (id is the ID of a dish) (Logged in)**	**Dish is removed and user is redirected the home page.**	**OK**	

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5.17	localhost:3000/editlunch (Logged in) ("Delete" button is clicked)	Dish is removed and user is redirected the home page.	OK	Home About Dinner Menu Lunch Menu Edit Dinner Menu Edit Lunch Menu Unassigned Dishes Add New Dish Logout **Edit Lunch Menu** Dish Name Edit Dish Delete Dish Unassign Dish Chef Special? Restaurant - Edit Lunch Menu ✕ + ← → C ⓘ localhost:3000/editlunch
5.18	localhost:3000/editdinner (Logged in) ("Delete" button is clicked)	Dish is removed and user is redirected the home page.	OK	Home About Dinner Menu Lunch Menu Edit Dinner Menu Edit Lunch Menu Unassigned Dishes Add New Dish Logout **Edit Dinner Menu** Dish Name Edit Dish Delete Dish Unassign Dish Chef Special? Restaurant - Edit Dinner Menu ✕ + ← → C ⓘ localhost:3000/editdinner
5.19	localhost:3000/dish/edit/id (id is the ID of a dish) (Logged in)	Dish edit page shows.	OK	

| 5.20 | localhost:3000/editlunch (Logged in) (User clicks "Edit" button) | Dish edit page shows. | OK | |

5.21	localhost:3000/editdinner (Logged in) (User clicks "Edit" button)	Dish edit page shows.		
5.22	localhost:3000/dish/edit/id (id is the ID of a dish) (Logged in) (User clicks "Submit" button on Dish Edit)	Changes are submitted.	OK	

5.23	localhost:3000/dish/edit/id (id is the ID of a dish) (Logged in) (User clicks "Submit" button with no input)	Error messages show under all inputs apart from checkbox, dish type select, menu select, image and price.	OK	
				Edit Dish
				Menu Item Name
				Lasagne
				Name is required.
				Menu Item Ingredients
				Egg,Milk,Whole Wheat Bread
				Ingredients is required.
				Menu Item Description
				Delicious French Toast served with Maple Syrup
				Description is required.
				Dish Type
	✓			Starter
				Image of Menu Item
				Choose file No file chosen
				lasagne.jpg
				Dinner or Lunch Menu?
	✓			Dinner
				Menu Item Allergy Information
	✓			Milk,Egg
				Allergy Information is required. If there is no Allergy Information, please enter "none".
				Menu Item Price
				3.50
				☑ Chef Special?
				Submit

| 5.24 | localhost:3000/dish/edit/id (id is the ID of a dish) (Logged in) (User clicks "Submit" button with input in name field) | Error messages show under all inputs apart from name, checkbox, dish type select, menu select, image and price. | OK | |

Edit Dish

Menu Item Name

Lasange

Menu Item Ingredients

Egg,Milk,Whole Wheat Bread

Ingredients is required.

Menu Item Description

Delicious French Toast served with Maple Syrup

Description is required.

Dish Type

Starter

Image of Menu Item

Choose file   No file chosen

lasagne.jpg

Dinner or Lunch Menu?

Dinner

Menu Item Allergy Information

Milk,Egg

Allergy Information is required. If there is no Allergy Information, please enter "none".

Menu Item Price

3.50

☑ Chef Special?

Submit

5.25	localhost:3000/dish/edit/id (id is the ID of a dish) (Logged in) (User clicks "Submit" button with input in name and ingredients)	Error messages show under all inputs apart from name, ingredients, checkbox, dish type select, image and price.	OK	

Edit Dish

Menu Item Name

Lasange

Menu Item Ingredients

Egg,Milk,Whole Wheat Bread

Ingredients is required.

Menu Item Description

Delicious French Toast served with Maple Syrup

Description is required.

Dish Type

Starter

Image of Menu Item

Choose file | No file chosen

lasagne.jpg

Dinner or Lunch Menu?

Dinner

Menu Item Allergy Information

Milk,Egg

Allergy Information is required. If there is no Allergy Information, please enter "none".

Menu Item Price

3.50

☑ Chef Special?

Submit

5.26	localhost:3000/dish/edit/id (id is the ID of a dish) (Logged in) (User clicks "Submit" button with input in name, ingredients and description)	Error messages show under all inputs apart from name, ingredients, description, checkbox, dish type select, image and price.	OK	

Edit Dish

Menu Item Name

Lasagne

Menu Item Ingredients

Egg,Milk,Whole Wheat Bread ✓

Menu Item Description

Delicious Lasagna served with Garlic Bread

Dish Type

Starter ✓ ⌄

Image of Menu Item

Choose file | No file chosen ✓

lasagne.jpg

Dinner or Lunch Menu?

Dinner ✓ ⌄

Menu Item Allergy Information

Milk,Egg ⊘

Allergy Information is required. If there is no Allergy Information, please enter "none".

Menu Item Price

3.50

☑ Chef Special?

Submit

5.27	localhost:3000/dish/edit/id (id is the ID of a dish) (Logged in) (User clicks "Submit" button with input in name, ingredients, description and allergy information)	Changes don't submit because no price entered.	OK	

Edit Dish

Menu Item Name

Lasagne

Menu Item Ingredients

Egg,Milk,Whole Wheat Bread ✓

Menu Item Description

Delicious Lasagna served with Garlic Bread

Dish Type

Starter ✓ ⌄

Image of Menu Item

Choose file | No file chosen ✓

lasagne.jpg

Dinner or Lunch Menu?

Dinner ✓ ⌄

Menu Item Allergy Information

Cheese

Menu Item Price

3.50

☑ Chef Special?

Submit

5.28	localhost:3000/add (Logged in) (User clicks "Submit" button with no input)	Error messages show under all inputs apart from checkbox, dish type select and menu select.	OK	
5.29	localhost:3000/add (Logged in) (User clicks "Submit" button with input in name field)	Error messages show under all inputs apart from name, checkbox, dish type select and menu select.	OK	

| 5.30 | localhost:3000/add (Logged in) (User clicks "Submit" button with input in name and ingredients) | Error messages show under all inputs apart from name, ingredients, checkbox, dish type select and menu select. | OK | |

Add New Dish

Menu Item Name
Cake

Menu Item Ingredients
Milk, Eggs ✓

Menu Item Description
Menu Item Description ⊙
Description is required.

Dish Type
Starter ✓ ⌄

Image of Menu Item
Choose file   No file chosen ⊙
Image is required.

Dinner or Lunch Menu?
Dinner ✓ ⌄

Menu Item Allergy Information
Menu Item Allergy Information ⊙
Allergy Information is required. If there is no Allergy Information. please enter "none".

Menu Item Price
Menu Item Price ⊙
Price is required.

☐ Chef Special?

Submit

5.31	localhost:3000/add (Logged in) (User clicks "Submit" button with input in name, ingredients and description)	Error messages show under all inputs apart from name, ingredients, description, checkbox, dish type select and menu select.	OK	

Add New Dish

Menu Item Name

Cake

Menu Item Ingredients

Milk, Eggs ✔

Menu Item Description

Delicious Cake ✔

Dish Type

Starter ✔ ⌄

Image of Menu Item

Choose file   No file chosen ⊙

Image is required.

Dinner or Lunch Menu?

Dinner ✔ ⌄

Menu Item Allergy Information

Menu Item Allergy Information ⊙

Allergy Information is required. If there is no Allergy Information, please enter "none".

Menu Item Price

Menu Item Price ⊙

Price is required.

☐ Chef Special?

Submit

| 5.32 | localhost:3000/add (Logged in) (User clicks "Submit" button with input in name, ingredients, description and image) | Error messages show under all inputs apart from name, ingredients, image description, checkbox, dishtype select and menu select. | OK | |

Add New Dish

Menu Item Name
```
Cake
```

Menu Item Ingredients
```
Milk, Eggs                                                    ✓
```

Menu Item Description
```
Delicious Cake                                                ✓
```

Dish Type
```
Starter                                                    ✓ ⌄
```

Image of Menu Item
```
Choose file    berrycake.jpg                                  ✓
```
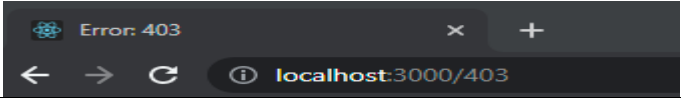
Dinner or Lunch Menu?
```
Dinner                                                     ✓ ⌄
```

Menu Item Allergy Information
```
Menu Item Allergy Information                                 ⓘ
```
Allergy Information is required. If there is no Allergy Information, please enter "none".
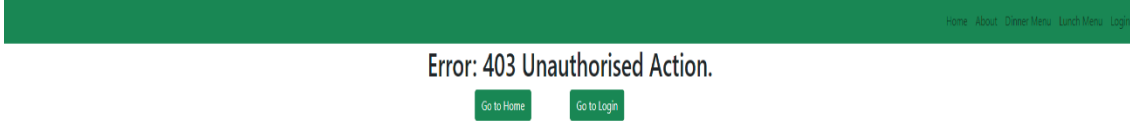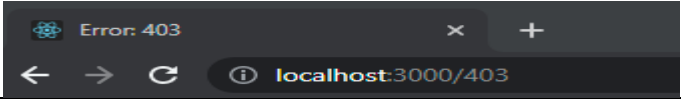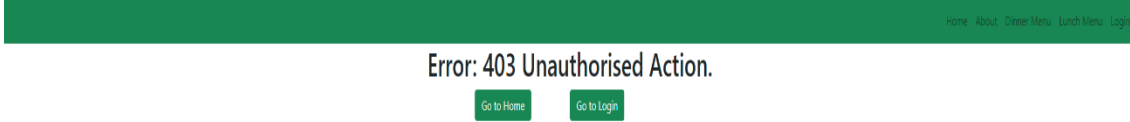
Menu Item Price
```
Menu Item Price                        ⓘ
```
Price is required.

☐ Chef Special?

Submit

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5.33	localhost:3000/add (Logged in) (User clicks "Submit" button with input in name, ingredients, description, image and allergy information)	Error messages show under all inputs apart from name, ingredients, description, image, allergy information, checkbox, dish type select and menu select.	OK	

Add New Dish

Menu Item Name
Cake

Menu Item Ingredients
Milk, Eggs ✓

Menu Item Description
Delicious Cake ✓

Dish Type
Starter ✓ ⌄

Image of Menu Item
[Choose file] berrycake.jpg ✓

Dinner or Lunch Menu?
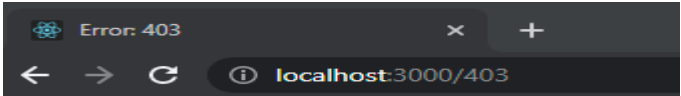Dinner ✓ ⌄

Menu Item Allergy Information
Eggs ✓

Menu Item Price
Menu Item Price ⓘ
Price is required.

☐ Chef Special?

[Submit]

5.34	localhost:3000/add (Logged in) (User clicks "Submit" button with input in all fields)	Dish is added and user is redirected to home page.	OK	

Edit Dinner Menu

Dish Name	Edit Dish	Delete Dish	Unassign Dish	Chef Special?
Berry Cake	Edit	Delete	Unassign Dish	Not currently a Chef Special
Lasagne	Edit	Delete	Unassign Dish	Not currently a Chef Special
Cake	Edit	Delete	Unassign Dish	Not currently a Chef Special

5.35	localhost:3000/add (Not logged in)	Error 403 page loads because user is not logged in.	OK	
5.36	localhost:3000/unassigned (Not logged in)	Error 403 page loads because user is not logged in.	OK	
5.37	localhost:3000/unassigned (Logged in)	Unassigned Dishes page loads	OK	

5.38	**localhost:3000/editlunch ("Unassign Dish" button is clicked)**	**Dish is moved to "unassigned dishes".**	**OK**	
5.39	**localhost:3000/unassigned ("Move Dish to Lunch" button is clicked)**	**Dish is moved to "Lunch menu".**	**OK**	
5.40	**localhost:3000/editdinner ("Unassign Dish" button is clicked)**	**Dish is moved to "unassigned dishes".**	**OK**	
5.41	**localhost:3000/unassigned ("Move Dish to Dinner" button is clicked)**	**Dish is moved to "Dinner menu".**	**OK**	

6.1	localhost:3000/logout	User is logged out and redirected to the home page.	OK	

6.2	localhost:3000/logout (User clicks "logout" on the navbar)	User is logged out and redirected to the home page.	OK	

Summary test results

The functionality of all pages work as expected. All tests results are as expected, although there was a bug with the edit dish page not showing an error under the price field if no input was detected. All of the login page and all but one of user's who are logged in tests worked as expected, again the only issue here was that there was a bug with the edit dish page not showing an error under the price field if no input was detected. Finally, the only issue with the web application as stated before, was that there was a bug with the edit dish page not showing an error under the price field if no input was detected.