

# Iteration 2 Report

## Accessing and running the system

### Only necessary to do once:

To download the code, use `git clone`  
`https://github.com/COM1001/team-06.git`

Before running the program for the first time, the command `bundle install` must be used. It may take awhile to install all the necessary files.

### Do every time the program needs to be run:

After that, every time the terminal is opened, `cd team-06` must be used to navigate to the folder and then `ruby site.rb` can be used to run the website.

## Accounts:

Admin username: `admin`

Admin password: `password`

(This admin has access to everything on the site)

City specific admin username: `sheffieldadmin` (or `londonadmin`)

Admin password: `password`

Sheffield customer username: `shefcustomer`

Sheffield customer password: `password`

London customer username: `londoncustomer`

London customer password: `password`

Order manager admin username: `orderadmin`

Order manager admin password: `password`

Account manager admin username: `accountadmin`

Account manager admin password: `password`

Marketing admin username: `marketingadmin`

Marketing admin password: `password`

Menu admin username: menuadmin

Menu admin password: password

User accounts can be created on the website by navigating to the sign-up page.

Admin accounts can be created by admins with the account privileges

Combinations of these accounts can be created by logging into any account with account privileges.

# Stories

## Stories we planned to tackle and how they changed

**As an owner**  
**I want** to check where the user lives before letting them make an account  
**so that** only people that are located in Sheffield can sign up

**Priority:** 5      **Estimated Effort:** 5

**Acceptance Criteria:**

- When a user that lives in Sheffield tries to make an account, he will be able to click Sign Up.
- When a user that doesn't live in Sheffield tries to sign up the 'Sign Up' button should be disabled and a message should appear saying "Sorry you have to live in Sheffield to make an account"

The client requested to also include London as a valid location and therefore this was also included

We changed this to restricting a user to a drop down list of cities as we felt this was simpler and looked better

**As the owner**  
**I want** a website for PizzaShed  
**so that** users can access the menu and the special offers

**Priority:** 6      **Estimated Effort:** 35

**Acceptance Criteria:**

- Given that the website exists the users can access it and they are able to see the menu and the special offers.
- If the url to the website is entered then the website will open

The majority of this story had been completed in the first iteration. However, it is now fully complete as special offers have been implemented

**As a user**

**I want** a tweet from the company once my order has been placed

**so that** I have some detail about my order and I know that it has been confirmed

**Priority: 2**      **Estimated Effort: 5**

**Acceptance Criteria:**

- When I place an order on twitter I get a tweet back confirming that the order has been received.
- If the tweet isn't a valid order then there will not be a confirmation sent

Once the order has been added to the order database and displayed on the order page, an admin can then accept or decline the order. If the order is accepted, the user will receive a tweet telling them their order has been accepted

This is altered so that is the order is not valid, the admin can reply directly from the website to the user saying why the order was not accepted

**As a user**

**I want** to be able to log into the website and see special offers specific to my account

**so that** I will be able to use them

**Priority: 3**      **Estimated Effort: 60**

**Acceptance Criteria:**

- When I log into my website account I will see all the offers specific to my account.
- If I am not logged in then there will be no special offers shown to me

If a London user is logged in, they will see offers specific to London account eg 20% off Tuesdays

If no user is logged in they will see the plain homepage

If a user likes a special offer tweet, they can then use that offer when ordering

**As an owner**

**I want** 4 different admin level accounts

**so that** I can give different privileges to my employees

**Priority: 4**      **Estimated Effort: 15**

**Acceptance Criteria:**

- The owner can give employees one of 4 different types of account depending on their position in the company.
- Each of these accounts can be logged into
- Each of the accounts will have access to the specific controls necessary: eg the order account will be able to see all of the orders sent

Four different default accounts have been created. Any admin with account privilege can create more accounts with different attributes such as can they see london orders? Edit the menu? Create more accounts?

**As a twitter admin**

**I want** a list of unseen and seen tweets

**so that** I make sure all customers are responded to

**Priority:** 5

**Estimated Effort:** 50

**Acceptance Criteria:**

- When a user tweets something but doesn't get a response he is added to the list of unseen tweets so that the twitter admin can see it.

Altered so that it is the order admin who sees the tweets from users. They have access to all question tweets and orders from twitter

**As an order admin**

**I want** a to be able to verify customers orders within an appropriate radius from PizzaShed

**so that** it applies with our policy.

**Priority:** 6

**Estimated Effort:** 25

**Acceptance Criteria:**

- When a customer places an order the program checks if the customer's account is verified as living in Sheffield
- When a customer who doesn't live within the appropriate radius from PizzaShed places an order, he gets a tweet back saying that we can't deliver to them.

After consulting with the client after the first iteration, they were happy with a simple city check to ensure the user lives in Sheffield or London

London was also added to this after a request from the client at the meeting

**As a website admin**

**I want** to be able to access the website

**so that** I can update the website with special offers and menu

**Priority:** 7

**Estimated Effort:** 40

**Acceptance Criteria:**

- The admin uses a password that gives him access to edit the website.
- The admin clicks 'Edit Website' which gives him permission to update the website with special offers and menu.

The menu can be added to or items removed by admins when they are logged in

**As a Public Relations Officer**

**I want** to be able to create competitions on twitter

**so that** I will attract more business

**Priority:** 8

**Estimated Effort:** 17

**Acceptance Criteria:**

- The Public Relations Officer logs into twitter and can tweet a competition.

Admins with the marketing attribute can go to the tweet page to either tweet a custom competition or click one of the pre-created ones to quick tweet them

**As an owner**

**I want** to be able to view twitter statistics

**so that** I can make decisions based on them

**Priority:** 10

**Estimated Effort:** 1

**Acceptance Criteria:**

- When I click 'Statistics' button, statistics get displayed on the screen.

Admins are able to select the statistics link to be shown twitter statistics on the twitter site. We were unable to implement them on the site itself as the data we collected from tweets was not sufficient enough to get useful information from

**As a user**

**I want** to be able to change my details on the site

**so that** they are always up to date.

**Priority:** 11

**Estimated Effort:** 25

**Acceptance Criteria:**

- When I click 'Update Details' I can update my details and save them.
- These details will be viewable instantly so that if the user orders directly afterwards, the new details will be used instead of the old ones

Once logged in, the user is able to change any information related to their account.

These details immediately take effect as the database is changed as soon as the user presses save

**As an order admin**

**I want** to be able to respond to orders for clarification directly from the website

**so that** I can make sure orders are correct

**Priority:** 1

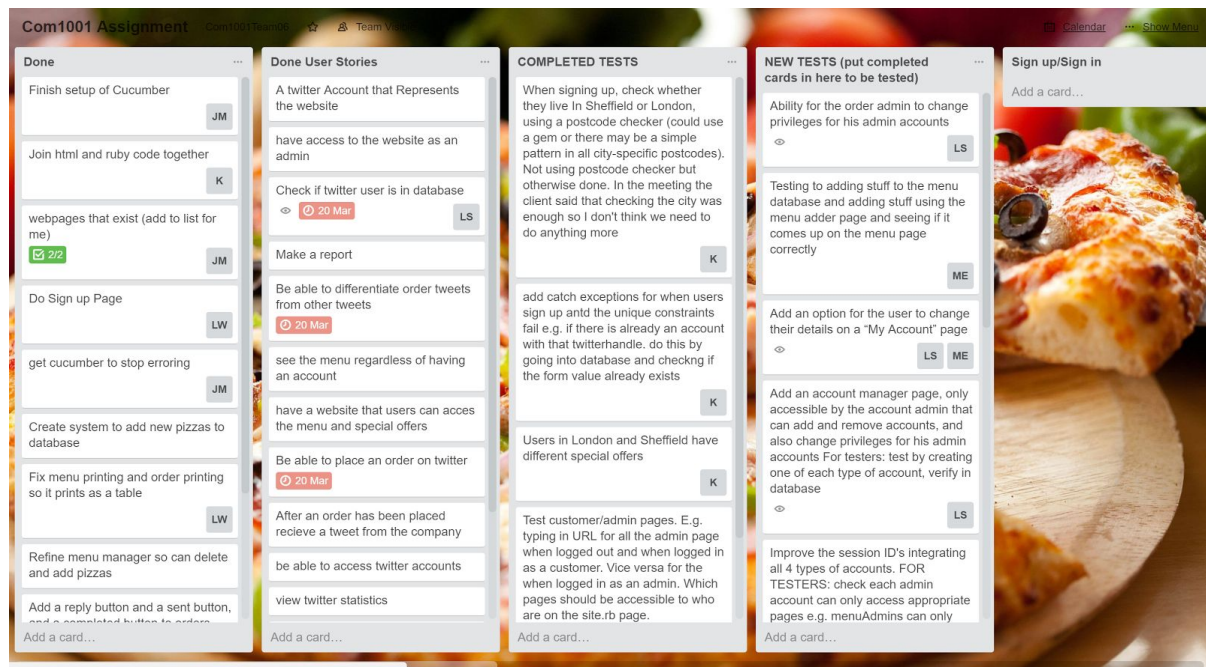
**Estimated Effort:** 50

**Acceptance Criteria:**

- When a user places an order I can respond to that order for clarification by clicking on it directly from the website

If an order is received and more info is required, the admin can respond directly from the orders page which will tweet the user to resend their order

# Trello



We used Trello to keep track of our user stories by assigning our name to the ones we were doing. Once completed we put them into the Testing column so the testers could make sure they worked. If so, they moved it to completed tests, and if not they put them back into the To Do columns.

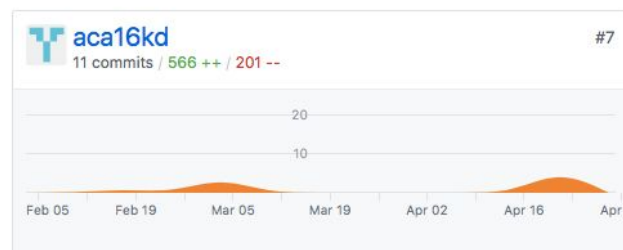
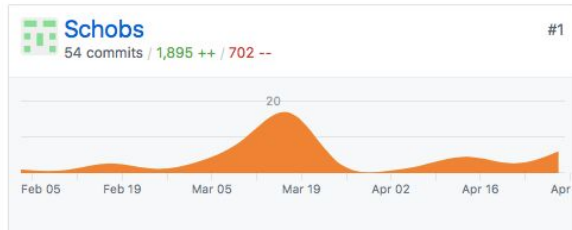


# Github commit graphs

Feb 5, 2017 – May 1, 2017

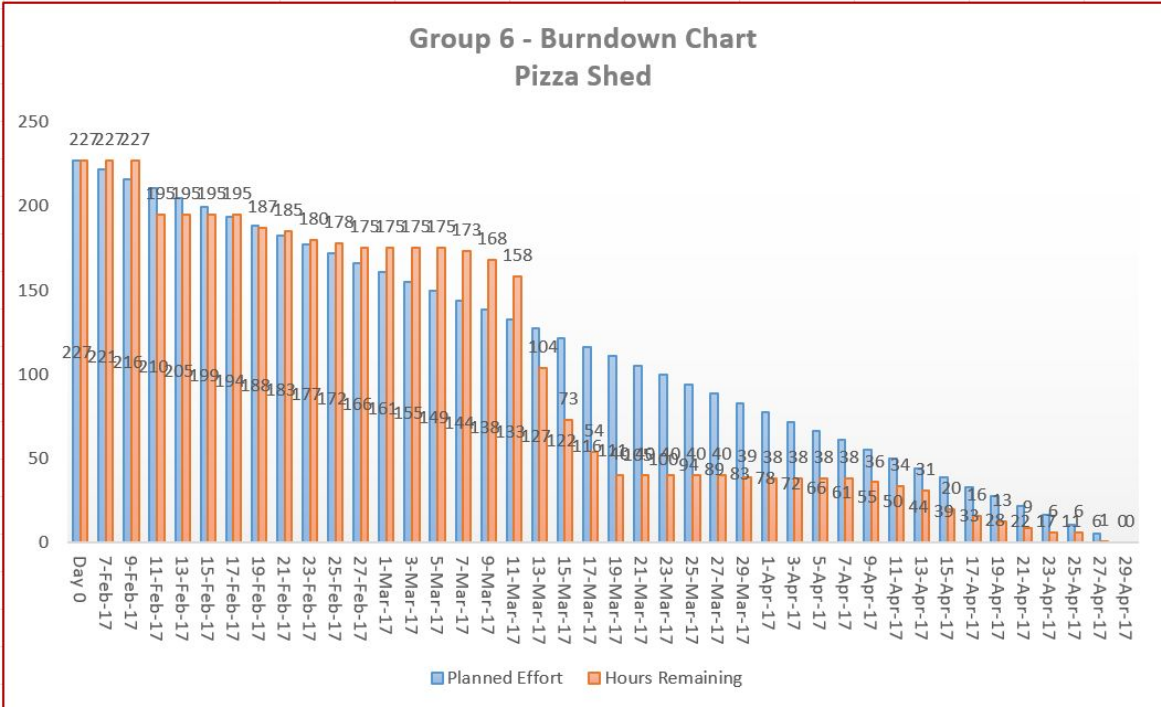
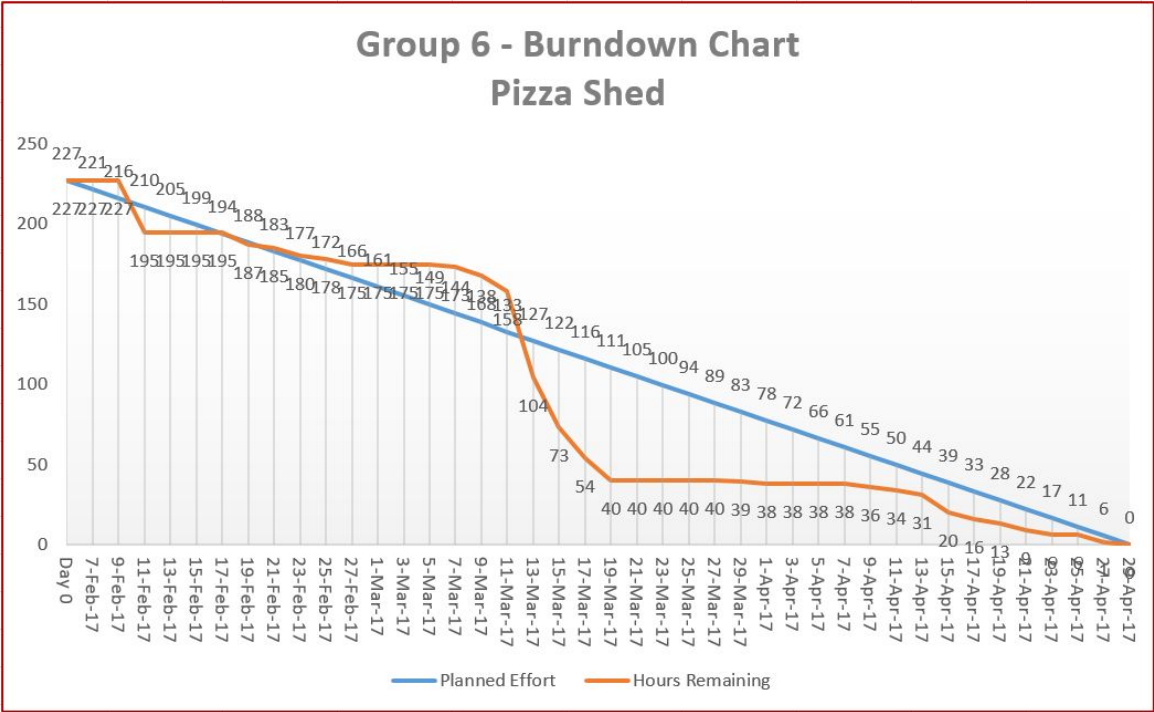
Contributions to master, excluding merge commits

Contributions: **Commits** ▾

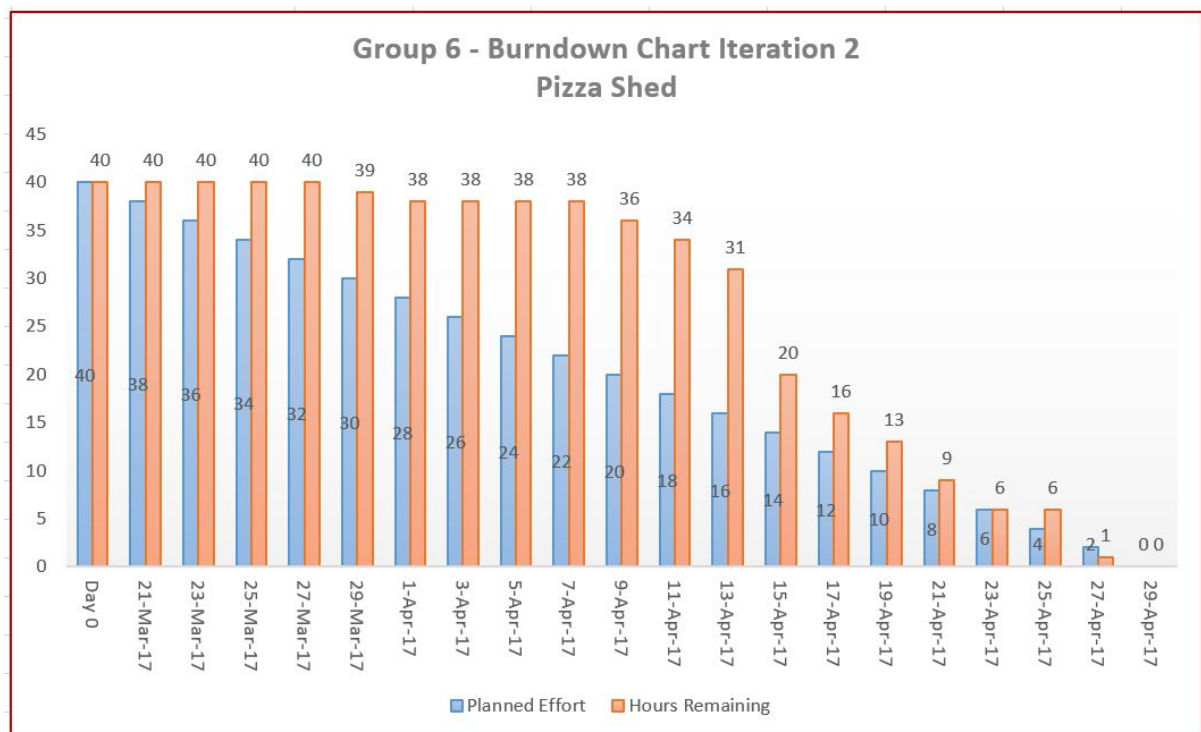
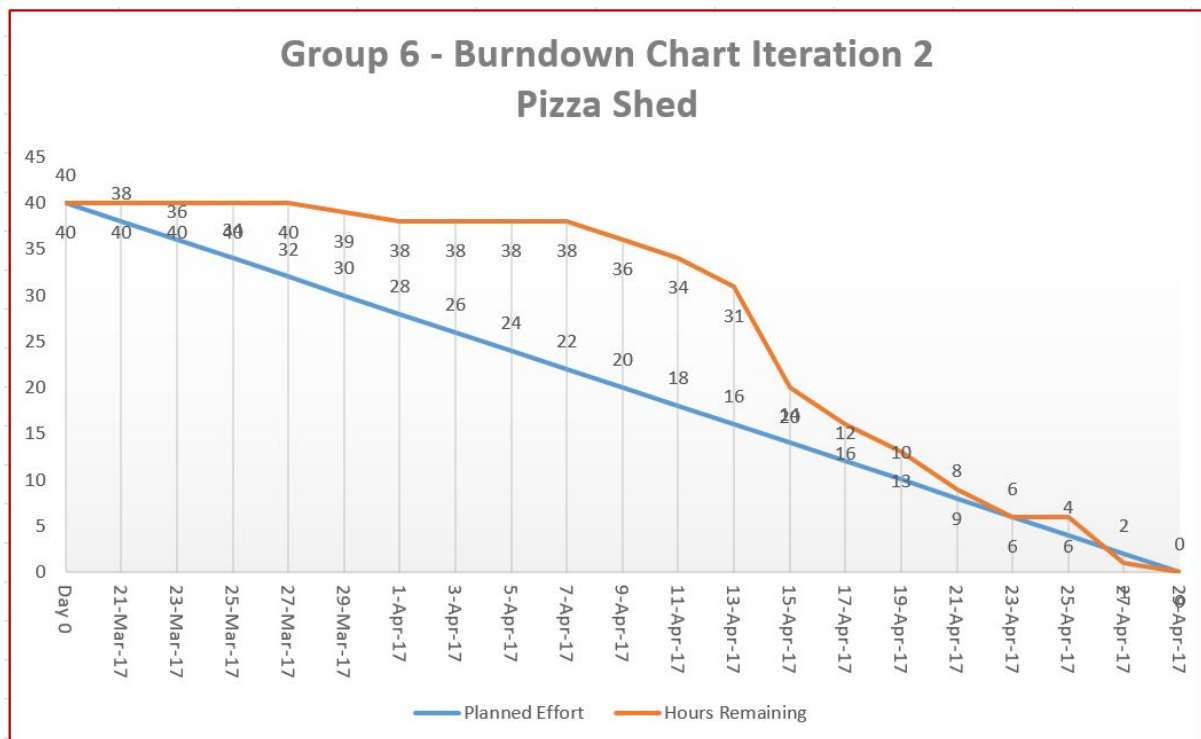


# Burndown chart

Burndown charts for overall project:



Burndown charts for the iteration 2 only:



# Testing

## Automated using Cucumber

### Add Menu Item Test:

For this test we are adding items to the menu page by filling in the form. When the admin clicks on the Submit Menu button then the menu is added to the menu page.

```
Feature: Menu

  Scenario: Add Menu Item
    Given I am on the add menu page
    When I fill in "pizzaname" with "Pepperoni"
    When I fill in "description" with "Double pepperoni"
    When I fill in "price" with "5.60"
    When I fill in "url" with "https://www.pizzagogo.co.uk/static/media/products/large/282.jpg"
    When I press "Submit Menu"
    Then I should be on the add menu page

1 scenario (1 passed)
7 steps (7 passed)
```

```
Scenario: Change Details
  Given I am on the my account page
  When I fill in "username" with "shefcustomer"
  When I fill in "password" with "password"
  When I fill in "firstname" with "shef"
  When I fill in "lastname" with "shef"
  When I fill in "email" with "sheffieldesh.ac.uk"
  When I fill in "twitterhandle" with "sheff"
  When I fill in "addressline1" with "1 shef"
  When I fill in "addressline2" with "1shef"
  When I fill in "postcode" with "s1 shef"
  When I select "Sheffield" from "city"
  When I press "Change!"
  Then I should see "shefcustomer"

2 scenarios (2 passed)
22 steps (22 passed)
```

### Change Account Details Test:

The user can change his details by going to the My Account page and filling in the form.

### Correct display of the navigation area for the admin test

```
Feature: admin

  Scenario: Correct admin login to be able to visit the admin pages
    Given I am on the login page
    When I fill in "username" with "admin"
    When I fill in "password" with "password"
    When I press "Submit"
    Then I should see "Orders" within "nav"
    And I should see "Questions" within "nav"
    And I should see "Add Pizza" within "nav"
    And I should see "Add Account" within "nav"
```

```
Scenario: The administrator should not see the user pages
  Given I am on the login page
  When I fill in "username" with "admin"
  When I fill in "password" with "password"
  When I press "Submit"
  Then I should not see "Menu" within "nav"
  And I should not see "Our Twitter" within "nav"
  And I should not see "Sign Up" within "nav"
  And I should not see "My Account" within "nav"

Scenario: Successful Logout
  Given I am on the admin homepage
  When I go to the log out page
  Then I should be on the log out page

4 scenarios (4 passed)
22 steps (22 passed)
```



## Correct display of the navigation area for the user test

```
When I fill in "password" with "password" # features/step_definitions/web_st
username session = shefcustomer
When I press "Log In" # features/step_definitions/web_st
Then I should be on the customer homepage # features/step_definitions/web_st
Then I should see "Menu" within "nav" # features/step_definitions/web_st
Then I should see "Our Twitter" within "nav" # features/step_definitions/web_st
Then I should see "My Account" within "nav" # features/step_definitions/web_st
Then I should not see "Admin Home" within "nav" # features/step_definitions/web_st
Then I should not see "Orders" within "nav" # features/step_definitions/web_st
Then I should not see "Questions" within "nav" # features/step_definitions/web_st
Then I should not see "Add Pizza" within "nav" # features/step_definitions/web_st
Then I should not see "Add Account" within "nav" # features/step_definitions/web_st

la la
user id is [35]
results 0 is shefcustomer results 1 is lshf
Scenario: Correct User Logout # features/user.feature:18
Given I am on the my account page # features/step_definitions/web_steps.rb:12
user session =
cleared admin
clear customer
When I go to the log out page # features/step_definitions/web_steps.rb:16
Then I should be on the log out page # features/step_definitions/web_steps.rb:192

2 scenarios (2 passed)
16 steps (16 passed)
0m0.264s
```

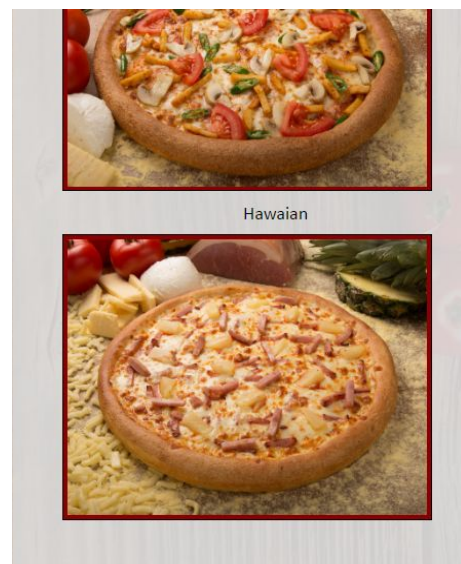
## Manual Testing

### Add Menu Item Test:

When the admin wants to add a pizza to the menu page he can do that by filling in the form below in the Add Pizza page. And you can see on the right image that the pizza was added to the menu page. And when the user hovers over the image he can see the ID, details and the price of the pizza.

### Add a pizza to the menu:

Submit Menu



### Delete item from the menu test:

On the same page where the admin can add an item to the menu he also has the option to delete one. He can do that by writing the ID number of the pizza shown, and then the pizza will be removed from the menu page.

**Remove a pizza from the menu:**

### Change Details Test:

When the user logs into his account in the navigation he can find a My Account page, from that page the user can change his details.

A table showing the details of the user.

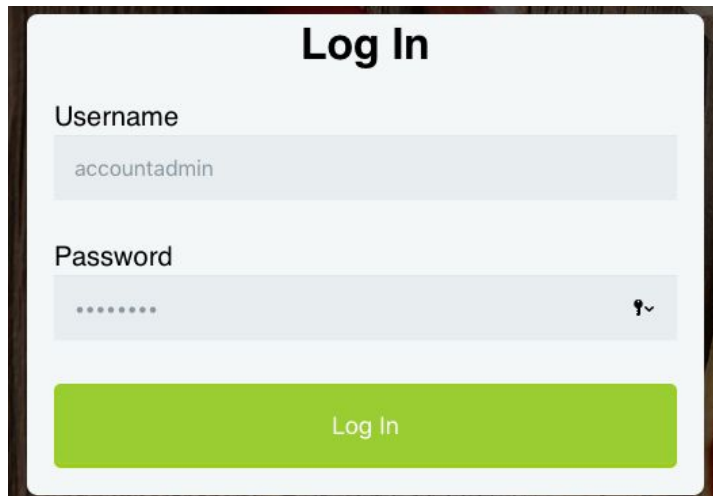
Username	First Name	Surname	Email	Twitter Handle	Address Line 1	Address Line 2	postcode	City
shefcustomer	shef	shef	sheffield@sh.ac.uk	sheff	1 sheff		s1 shef	sheffield

The user can change his details by filling the Change Details form.

Username	First Name	Surname	Email	Twitter Handle	Address Line 1	Address Line 2	postcode	City
shefcustomer	sheffield	sheffield	sheffield@sh.ac.uk	shffield	1 sheffield		S1 shef	sheffield

**Change Details**

Create different combinations of admin accounts:



After logging in as an accountadmin, I then navigate to the “Add account” page. From there i can create another admin account with specific privileges.

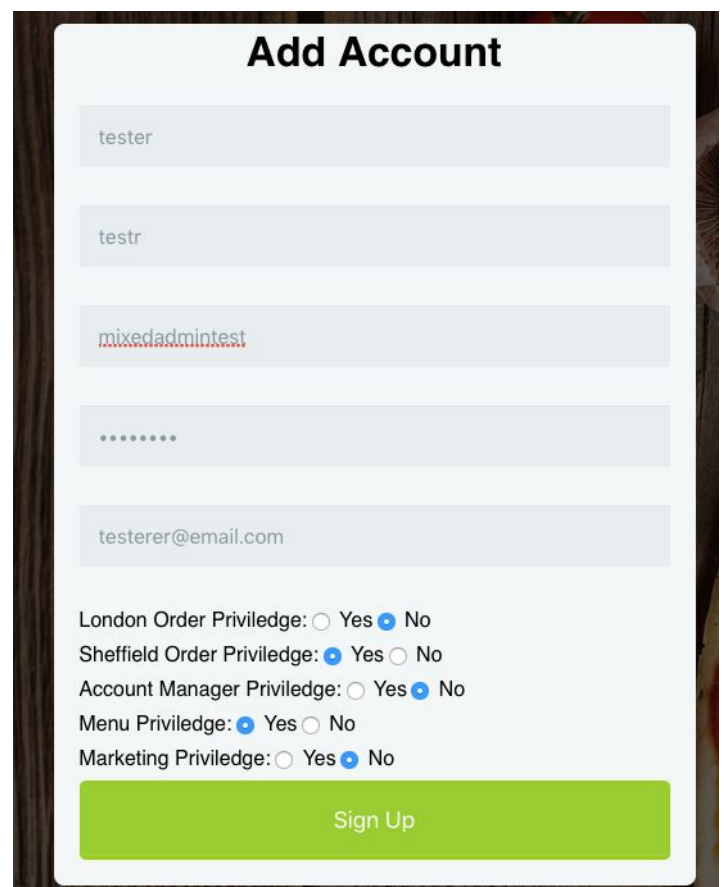
I create an admin account with the following privileges.

I then log into this account.

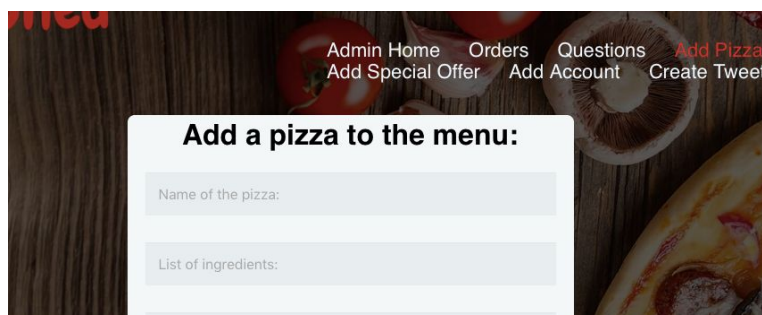
I then test the following that:

- The account cannot access london orders, create accounts or tweet pages
- The account can access sheffield orders and edit the menu

When clicking the create accounts or create tweet, I am redirected to the main admin page.

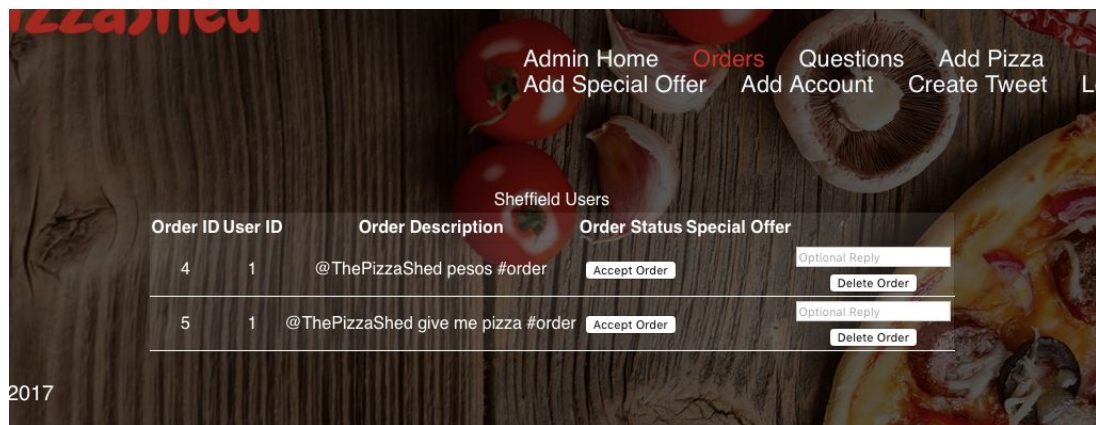


When clicking the menu page:



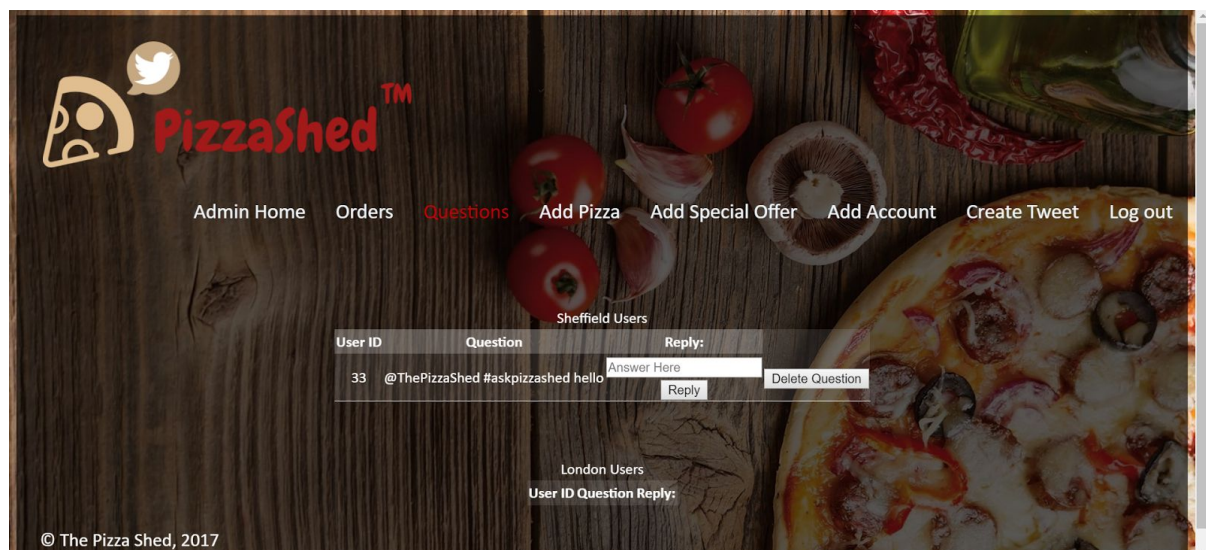


And clicking the order page:



Only the sheffield orders are shown.

Replying to a tweet from the website



This was a tweet sent to us from a user with an example question. Here we type in the reply box and send a reply it will tweet them back with a reply.

