

2nd Iteration Report

Running and Accessing the System:

To deploy the system on a new machine:

1. Clone the repository to a location on the system
2. In command line, navigate to the root directory
3. Run the commands:
 - a. "sudo gem install bundler"
 - b. "bundle"
 - c. "rake deploy"
4. Go to your codio box with port 4567

If the program is not running, to start it again, use the command "rackup -p [port]" to run the system on port number [port].

Username and Passwords:

The default administrator user:

Username: admin

Password: admin

New users can be made using sign-up, and their permissions can be changed in the "Users" tab of an administrator user. However, there are also two default accounts for the other account types:

Username: user

Password: user

Username: order_handler

Password: order_handler

All Stories:

Iter	Story	Diff	Import	Acceptance Criteria
.	<div>ChangesReason</div> <div>OldNew</div>	.	.	

2	<p>As a twitter user, I want to be able to have my order delivered if I'm within the delivery radius, so that I don't have to collect it.</p> <p><i>Changed to give a reason for the story to be completed</i></p>	1	6	<p>The user should write a delivery address. Verification that the address is within the delivery radius is required. If the address is verified, the user can proceed with his order. Time for the delivery will be provided. If the user is outside of the delivery radius, a message will be sent to him explaining his options.</p>
2	<p>As a competition winner, I want to be notified if I have won a competition, so that I claim my reward.</p> <p>As an admin, I want to make marketing campaigns in twitter, so a registered user can get a special offer.</p> <p><i>This was part of the epic in blue that we broke down into many different sections</i></p>	2	6	<p>The twitter user should be registered in the PiePiper website first. When the user wins a competition, he should be notified from the website that he won and a special offer should be placed in his personal account. From there, the offer can be claimed.</p>
1	<p>As an admin, I want twitter users to be able to include their personal information on the website, so that I can manage their accounts.</p> <p>As an admin, I want to see all customer accounts, so I can manage them and place special offers.</p> <p><i>This is to do with the accounts page, we broke down the old story into this one that includes the user side of it.</i></p>	1	7	<p>Users that log in with twitter on the PiePiper website should complete a form with their personal information. This information is added to the database where all the other registered users' information is stored.</p>
1	<p>As a twitter user, I want my personal information to stay private, so that it doesn't show on my twitter account when I make an order.</p>	5	10	<p>After a user enters his personal information, this information is stored in a secured database. No information should be exposed anywhere else except for user's personal account.</p>

	<i>This is unchanged</i>			
2	<p>As an owner, I want to have between 500 and 600 users, so that the website does not become too hard to manage.</p> <p><i>This is new</i></p>	3	8	Monitor the number of users registered. Notify if near limit.
1	<p>As an order handler, I want the orders to move from "active" to "in progress" to "inactive" without going backwards, so that I can organize their progress more efficiently.</p> <p><i>This is new</i></p>	5	10	After an order is verified it should be placed as active. When an order is being prepared it should be moved to "in progress". After completion of an order, it should be moved to inactive. If on any stage the order is cancelled, the whole thread gets deleted.
1	<p>As a twitter user, I want to be able to tweet at the @piepiperchef twitter account, so that I can place an order.</p> <p>As a twitter user, I want to be able to tweet a pie, so I can have it ordered if I am within the delivery radius.</p> <p><i>This was made from the blue so that it showed the user</i></p>	5	10	A twitter user should first register on the PiePiper website and fill in all of the information needed. Next, he can use @piepiperchef to place an order. After verification, he will either be able to proceed with his order or he will get a message about his address and his delivery and collection options.
2	<p>As a twitter user, I want to be able to collect my order, so that I can still order even from outside the delivery radius.</p> <p><i>This is a new story that we realised needed to be made.</i></p>	1	5	The user can state that he wants to collect his order rather than have it delivered. In such case, the order handler will proceed with his order. Collection time will be given.
2	As an admin, I want to be able to organize orders as being 'active', 'in progress' and 'inactive', so the order	6	8	After an order is verified it should be placed as active. When an order is being prepared it should be moved to "in progress". After

	<p>handler knows with which orders to proceed.</p> <p>As an order handler, I want to see active, in progress and inactive orders, so I can handle them.</p> <p><i>This has just changed the story cards 'person' and shown the actual names of the phases done.</i></p>			<p>completion of an order, it should be moved to inactive. If on any stage the order is cancelled, the whole thread gets deleted.</p>
2	<p>As an admin, I can assign users as admins, and am prompted to confirm my choice first, so that I don't accidentally make someone an admin.</p> <p><i>This is unchanged</i></p>	2	10	<p>All of the staff members handling the website should be able to log in as admins. One admin can add/delete other admins.</p>
2	<p>As an admin, I have a 2-step system to make a user an admin, so that I don't accidentally 'promote' someone I don't mean to.</p>	1	10	<p>When 'promoting' a normal user first the admin will have to find the name of the new admin and then confirm the promotion through a pop-up window alert.</p> <p>/////new, please check</p>
1	<p>As a registered user, I don't want my address to be publicly posted, so I only want it to be kept within my secure personal information.</p> <p><i>This is old</i></p>	2	10	<p>A user fills in the form with his personal information. This personal information goes to a secure database, only available for admins and the certain user. No information is publicly exposed.</p>
1	<p>As an order handler, I want to be able to log in as an admin, so I can manage the orders and the accounts.</p> <p><i>This is old</i></p>	3	10	<p>All of the staff members handling the website should be able to log in as admins.</p>

1	As an unregistered user, I want to create an account, so I can later have the chance to order. <i>This is unchanged</i>	8	10	Every customer who wants to order from the PiePiper website should create an account or log in via twitter. Personal information should be filled in in a form and then the customer can proceed with his order.
2	As a chef, I want to see a list of the current orders, so that I know what I'm making. <i>This is unchanged</i>	1	8	All threads of the active order should have a place on the website within the admin system and should be shown. After one stage is completed, they should be moved to the next, if not cancelled.
2	As an admin, I want to be able to add, remove and change users' information, so I can manage the website better. <i>This is unchanged</i>	5	10	All of the staff members handling the website should be able to log in as admins. All other users' accounts are controlled by the admins.
2	As an admin, I want to be able to maintain items and prices, so I can change them. <i>This is a new one that we made so that the admin can alter items through the site.</i>	2	8	All the items and prices are taken from a database. When something is changed in the database, that will affect the whole website, by changing that particular thing on the menu webpage.
1	As an order handler, I want to be able to respond to customers tweets with queries, so I can get the necessary clarifications. retweet to customers, <i>Slightly nicer written</i>	3	9	When a registered user tweets his order, his order is then verified and after that is shown in the admin system. The admins should then be able to respond from within the admin system if any addition information is needed, or if they are ready with the order and want to specify the delivery/collection time.
1	As an admin, I want the admin system to consist of tweet threads, order handling page and user accounts, so	5	9	Staff members need to handle orders. When an order is received, the personal account of that person is checked for his address and dietary requirements. After the order is

	<p>that I can manage the orders sensibly.</p> <p><i>This is a big story that really encompasses many others to make sure they're all brought together</i></p>			<p>verified, it is moved to the order handling part.</p> <p>EPIC</p>
1	<p>As an admin, I want the admin's to be able to access tweet threads, so that they can see orders.</p> <p>As an admin, I want to see all tweets, so I can review the active and inactive ones, as well as latest.</p> <p><i>Slimmed down so that it only encompasses one thing.</i></p>	4	9	Staff members will be able to see the tweets sent to @piepiperchef.
2	<p>As an admin, I want the admin's to be able to access user accounts, so they can alter user accounts.</p> <p>As an admin, I want to be able to add, remove and change users, so I can manage the website better.</p> <p><i>This is a break down from the old story for the purpose of clarification.</i></p>	4	9	Staff members will have access to a page containing the users and will be able to alter the user's information.
1	<p>As an admin, I want the admin's to be able to access order handling, so they can process orders</p> <p><i>Unchanged</i></p>	4	9	Staff members will be able to access a page showing the tweets and an order builder for processing orders.
1	As an admin, I want to be able to convert all tweets into orders using dropdown lists with all items, so I can place them as active.	5	8	When an order is made, the admin doesn't need to type the whole order so that he can have it placed as active. Handling orders is time sensitive.

	<p>As an admin I want to be able to process orders using drop-downs so that the chef knows what they are making and bagging</p> <p><i>Changed so that it includes less of the background process</i></p>			
2	<p>As an order handler, I want the delivery time to be specified so I can retweet it to the customer /within a certain time slot, so that the customer will know when to expect his delivery.</p> <p>(Changes: specification)</p>	2	8	After a registered user has placed an order and the order has been moved from active to in progress, the order handler should be able to respond with a specific time slot about the delivery from within the admin system.
1	<p>As an owner, I want to be able to have multiple admins, so that the management becomes easier.</p>	2	7	All of the staff members handling the website should be able to log in as admins.
2	<p>As a registered user, I want to list my dietary requirements, so the order handler is sensible to my order / knows what types of food I can eat</p> <p>(Changes: clarification)</p>	2	6	When a user is registering or after a user has logged in via twitter, they should fill in a form about their personal information. When an order is placed, some of that information is checked and some is shown to the chef (eg nut allergy)
2	<p>As a registered user, I want to have a reset link sent to me if I forget my password, so I don't need to contact the website about my issues.</p>	3	4	After a user is registered, the website will keep track of all of his personal information like his email address. If a request for new password is send from the user, a reset link should be sent to his email address. Verification of identity would be required.
1	<p>As an owner, I want all admins to have access to all</p>	1	6	All staff members should be able to access everything that is on the website. Staff

	pages, so they can manage them better.			members cannot be restricted to their own work.
2	As an admin, I want the system to automatically choose a registered user that took part in a marketing campaign and add an offer to his account, so I won't have to do it manually. (Changes: part of a break down from an epic)	8	5	After a registered user takes part in a marketing campaign, he has equal chance to win a reward. Randomly or by a specific count, a user is chosen to receive a reward. This reward goes to his personal account on the website and that user will be notified so that the reward can be claimed.
2	As an owner, I want the menu to be accessible as a pdf file, so that people can download it if they want.	1	4	If a customer wants to have a paper or digital copy of the current menu, he can download it from the website as a pdf file. Whenever there is a change in the menu, new pdf file will be created.
1	As a user, I want to see the menu and the prices without logging in, so I can decide if I want to make an order. (Changes: streamlined slightly by removing unnecessary information)	1	10	A customer shouldn't be forced to register and give his personal information in order to see the menu, so the menu and the prices should be displayed on the website for everyone to see.
2	As an order handler, I want to see active, in progress and inactive orders, so I can handle them.	8	10	After an order is verified it should be placed as active. When an order is being prepared it should be moved to "in progress". After completion of an order, it should be moved to inactive. If on any stage the order is cancelled, the whole thread gets deleted.
1	As a customer, when I login, I first want to see the menu page, so I can order easily. As a user, I want to see the menu and the prices without logging in, so I can decide if I want to make an order. The	1	10	When a user logs in on the website, he should see the menu page first.

	<p>menu will be generated from the database</p> <p><i>Changed so that it is more slimmed down and has less background functionality</i></p>			
2	As an admin, I first want to see the order handling page, so that I handle orders more efficiently.	1	6	All staff members must log in and see the admin system first, since handling orders is their top priority.
1	As an admin, I want to see all tweets, so I can review the active and inactive ones, as well as latest.	5	10	All thread should be saved unless the order was cancelled at some point.
2	<p>As an admin, I want to be able to delete the whole thread of an order, so that when it gets cancelled it does not stay on the ordering page.</p> <p>(Changes: reworded for clarification.)</p>	3	9	Orders which were cancelled at some point, should be deleted by the person handling them.
2	As an admin, I want to see all customer accounts, so I can manage them and place special offers.	5	9	Every created account is saved in a database and displayed in every user's personal account as well as on the handling page when the particular user has placed an order.
2	As an admin, I want to see user's dietary requirements, so I can handle their orders sensibly.	2	6	All users must complete a form about their dietary requirements. When they place an order, that information will be displayed so that the order can be sensible to the user's needs.
2	As an admin, I want to see the total value of all active orders so I can tell an employee the amount to ask for.	2	9	The price of every item in the order should be calculated and the total cost should appear underneath.

	(Changes: finished the story card by adding a 'so that...')			
2	As a registered user, I want to see the total value when my order is confirmed, so I know how much my whole order will cost.	2	8	The price of every item in the order should be calculated and the total cost should appear underneath.
2	As a user, I want to see my special offer and when I claim it, it should be deleted, so it doesn't stay in my profile. (Changes: rewording)	2	7	When a registered user takes part in a marketing campaign and wins, he should be notified, and a special order should be placed in his personal account on the website. When he claims his reward, it should disappear from his account.
1	As a user, I want to see which pies are vegan and vegetarian and which contain meat, so I can order something sensible to my needs.	1	5	All customers- be it registered or not, should be able to see if the pies are suitable for their needs. If something which is not suitable for them is ordered buy them, the admins will send a query with some clarifications.
2	As a registered user, I want to see the payment methods, so I will know beforehand about the website's policy.	2	5	Registered user can find information about the payment policy of the website before they have ordered. If they haven't seen it and then decided that they don't want this – they are free to cancel their order at any point. (The only payment option is cash)
2	As an owner, I want the address of my shop to be displayed on the website, so that the customers who want to collect their orders will know where to come.	2	10	The address on the website is both used by the users who want to see where the shop is in case they want to collect their orders, and by the website itself as it verifies the address of the user who want to have their orders delivered.

2	As an admin, I want to be able to see name, email, twitter account, address and dietary requirements of the customers, so that I can manage their profiles.	2	8	Every registered user should fill in a form with his personal information. This information will be stored in a database and displayed on the handling page, if the particular user has placed an order and on their personal account.
2	As an order handler, I want all addresses given for delivery to be verified and within 2-mile radius, so that I can proceed with their order.	4	9	Every registered user fills in a form of his personal information. After an order has been placed, the address of the particular user is checked and verified, in which case it's proceeded with his order.
2	As an order handler, I want offers from addresses outside of the delivery radius to get an automated message, so that the customers know that they will have to collect their order.	1	5	Every registered user fills in a form of his personal information. After an order has been placed, the address of the particular user is checked and an automated message is sent to him about his option to collect his order.
1	As a twitter user, I want to be able to add my personal information to the website, so that I can order.	1	6	After a twitter user logs in to the website, he is asked to fill in a form with his personal information. This information is secured and later on user when that user wants to place an order.
2	As an order handler, I want to see only tweets about orders, so that I only see orders.	2	8	The PiePiper website uses a twitter account, from which orders are transferred to the website. Writing reviews instead of orders would be a waste of time to read, so the website should only look for keywords for orders. If something else is shown on the handling page, it should be deleted by the admin.
2	As a customer, I want to see the delivery options, so that I can either collect my order or have it delivered.	1	6	Every user is eligible to know where the shop is situated and of their delivery and collect options.

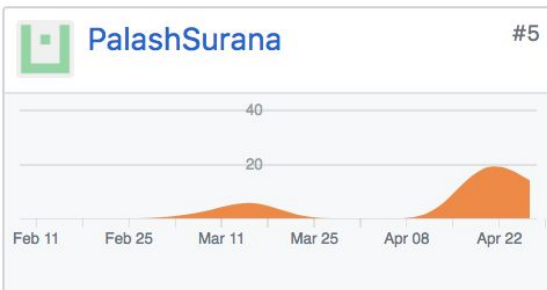
2	As an admin, I want to see customer's preferences about delivery, so that I can proceed with their order.	1	6	Every user should specify their delivery preferences, or an order handler will get in touch with them by placing a query in order to get the necessary clarifications.
2	As a campaign manager, I want to be able to make competitions, so that we can encourage business. (Changes: part of a break down from an epic)	4	8	An admin should be able to make marketing campaigns with an automatically chosen winner, where rewards will automatically be sent to the winner's personal account.
2	As a campaign manager, I want to be able to have a competition winner be chosen from participants, so that the competition is complete. (Changes: part of a break down from an epic)	2	7	An admin should be able to make marketing campaigns with an automatically chosen winner, where rewards will automatically be sent to the winner's personal account. The campaign manager should choose if he wants the x th person or a random person to win a reward. Check if the winner is registered on the website, since only registered users can win a prize.
2	As a competition winner, I want the rewards from the competition to be added to my account, so that I have won something. (Changes: part of a break down from an epic)	3	7	Check if the winner is registered on the website. Notify the winner that he had won. Place a special order on his personal account, and when claimed- delete it.

Github Graph:

Feb 11, 2018 – Apr 30, 2018

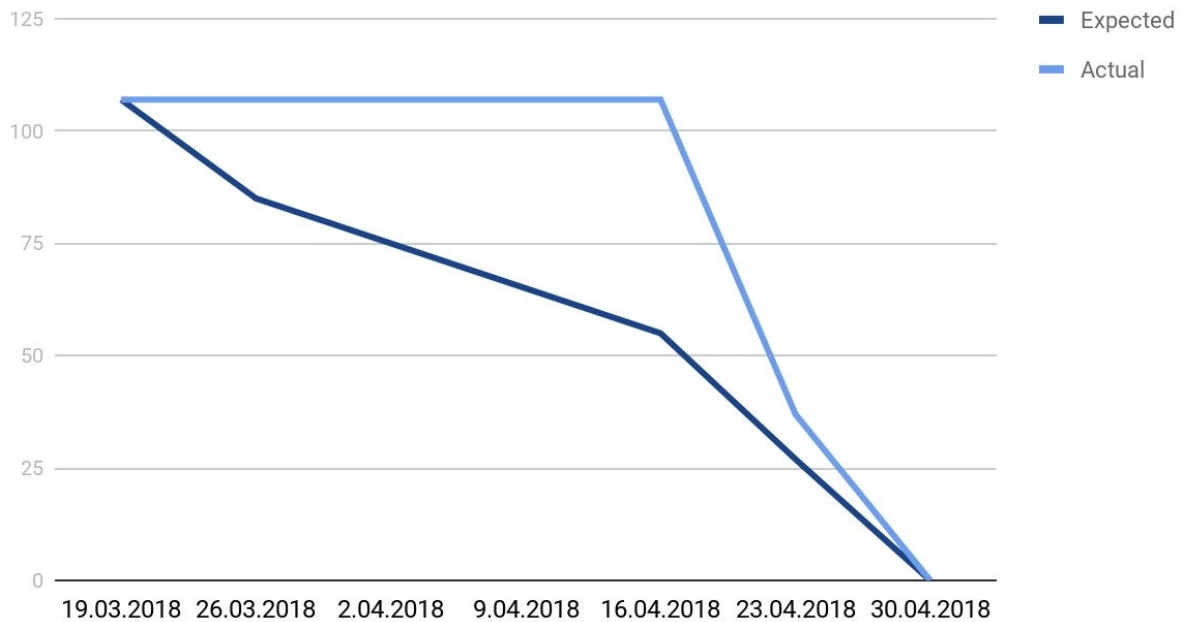
Contributions: **Commits** ▾

Contributions to master, excluding merge commits



Burndown Chart:

Points scored



Testing and Coverage:

We have used Minitest and Cucumber for our testing.

To run Minitest tests:

Rake test

To run Cucumber tests:

Rake test:features

Minitest:

For minitest, we have tested for, in the form of assertions:

Display currency

Displaying an error

Displaying a success

Testing if a passed tweet is a real tweet

Testing to get the user from a tweet

Testing a new item is added into the database

Testing to check the input for a new order

Testing new order

```
Run options: --seed 19186
# Running:
.....
Finished in 3.768495s, 2.3882 runs/s, 6.1032 assertions/s.
9 runs, 23 assertions, 0 failures, 0 errors, 0 skips
```

Cucumber:

For Cucumber, we have implemented a variety of tests:

Authentication:

- Logged out and try to access page account page
- Logged in and try to access account page
- Login takes you to home page
- Logout
- Incorrect Credentials
- Sign up while logged in

Menu:

- Logged out food menu
- Sides
- Soft Drinks
- Milkshakes
- Alcohol
- Special Conditions

Items:

- Create an Item
- Edit an Item

Login:

- Incorrect password
- Incorrect Username
- Blank Username
- Blank password
- Correct admin credentials

Orders:

- Logged out and tried to access orders page
- Logged in and try to access orders page for admin
- Logged in and try to access orders page for order handler
- New order
- New order success
- Delete order success
- Edit Orders
- New order tweet does not exist

Regular Page:

- 404 error
- About page
- Menu page
- Logo
- Login page
- Order page through admin
- Order page through order handler
- New Campaigns Page
- All campaigns Page
- Users page
- Items page
- Leeds Menu
- Sheffield Menu

Users:

- Individual user page
- Individual user back to users page
- Individual user by clicking number

Manual tests:

For all tasks involving the use of the twitter API, we have tested these manually, due to security reasons, of not exposing private information, for files such as user signup with twitter, and user

login with twitter. For campaigns, manual testing was a more reliable way of executing the required scenarios.

```
43 scenarios (43 passed)
232 steps (232 passed)
0m31.631s
Coverage report generated for Cucumber Features to C:/Users/collin602/github/team-10/coverage. 483 / 800 LOC (60.38%) covered.
```

All Files (60.38%)

Generated less than a minute ago

All Files (60.38% covered at 4.43 hits/line)

39 files in total. 800 relevant lines. 483 lines covered and 317 lines missed

Search: <input type="text"/>						
File	% covered	Lines	Relevant Lines	Lines covered	Lines missed	Avg. Hits / Line
routes/user/logout.rb	100.0 %	9	5	5	0	1.0
routes/user/init.rb	100.0 %	5	5	5	0	1.0
routes/pages/init.rb	100.0 %	3	3	3	0	1.0
routes/pages/about.rb	100.0 %	9	5	5	0	1.0
routes/items/init.rb	100.0 %	3	3	3	0	1.0
routes/init.rb	100.0 %	8	7	7	0	1.0
routes/campaigns/init.rb	100.0 %	2	2	2	0	1.0
models/twitter.rb	100.0 %	2	1	1	0	1.0
models/special.rb	100.0 %	5	3	3	0	1.0
models/location.rb	100.0 %	11	6	6	0	1.0
models/item.rb	100.0 %	42	24	24	0	1.2
models/init.rb	100.0 %	8	7	7	0	1.0
helpers/init.rb	100.0 %	6	5	5	0	1.0
app.rb	100.0 %	46	24	24	0	13.1
routes/pages/menu.rb	94.44 %	30	18	17	1	18.1
routes/user/login.rb	93.75 %	26	16	15	1	20.2
helpers/general.rb	88.89 %	46	18	16	2	55.0

Q routes/items/new.rb	87.5 %	28	16	14	2	1.3
Q routes/orders/delete.rb	85.71 %	22	14	12	2	0.9
Q routes/items/edit.rb	85.19 %	46	27	23	4	0.9
Q routes/orders/edit.rb	83.78 %	53	37	31	6	0.8
Q routes/orders/new.rb	75.47 %	80	53	40	13	5.1
Q models/order.rb	74.36 %	72	39	29	10	2.1
Q helpers/order.rb	74.19 %	55	31	23	8	1.7
Q models/user.rb	69.7 %	68	33	23	10	6.4
Q helpers/user.rb	69.23 %	51	26	18	8	13.7
Q helpers/item.rb	58.33 %	49	24	14	10	0.6
Q routes/orders/init.rb	53.49 %	73	43	23	20	7.1
Q routes/user/account.rb	51.85 %	48	27	14	13	1.0
Q models/campaign.rb	44.0 %	50	25	11	14	0.4
Q routes/user/user.rb	40.63 %	120	64	26	38	0.9
Q routes/campaigns/new.rb	36.84 %	27	19	7	12	0.4
Q routes/campaigns/all.rb	28.0 %	40	25	7	18	0.4
Q routes/twitter.rb	25.0 %	21	12	3	9	0.3
Q routes/items/delete.rb	25.0 %	11	8	2	6	0.3
Q routes/pages/pdf.rb	22.22 %	15	9	2	7	0.2
Q routes/user/signup.rb	17.24 %	57	29	5	24	0.2
Q routes/general.rb	14.29 %	72	42	6	36	0.1
Q helpers/twitter.rb	4.44 %	81	45	2	43	0.0

