

## Report: First Iteration

### Details on how to run and access the system

#### Clone the repository:

git clone <https://github.com/COM1001-ComputerScience-Sheffield/team-10.git>

#### Change in to the project directory:

cd team-10

#### Install the project dependencies:

gem install bundler

bundle

If an error occurs with bcrypt:

gem uninstall bcrypt

gem install bcrypt --platform=ruby

#### Create the database and populate it with test data:

rake db:migrate db:seed

#### Run the application on port 4567:

rackup -p 4567

If running on codio:

rackup -p 4567 --host 0.0.0.0

### Username and passwords

**Format:** Username:password - explanation

admin:admin - admin user that can view all user details and orders

user:user - can view their personal account page

order\_handler:order\_handler - can view all orders but not user details

### User stories

Blue stories are functional ones, cream ones are actual user stories.

Iter.	Story	Diff.	Import.	Acceptance Criteria
2	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.  (Changes: adding some clarification)	1	6	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.
2	As a competition winner, I want to be notified if I have won a competition, so that I claim my reward.	2	6	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.
1	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.	1	7	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.
1	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.	5	10	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.
2	As an owner, I want to have between 500 and 600 users, so that the website does not become too hard to manage.	3	8	Monitor the number of users registered. Notify if near limit.
1	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.	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	As a twitter user, I want to be able to tweet at the @piepiperchef twitter account, so that I can place an order.	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	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.	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 handler knows with which orders to proceed.  (Changes: specified the three possible states)	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 completion of an order, it should be moved to inactive. If on any stage the order is cancelled, the whole thread gets deleted.
2	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.	2	10	All of the staff members handling the website should be able to log in as admins. One admin can add/delete other admins.
2	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.	1	10	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.  /////new, please check
1	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.	2	10	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.
1	As an order handler, I want to be able to log in as an admin, so I can manage the orders and the accounts.	3	10	All of the staff members handling the website should be able to log in as admins.
1	As an unregistered user, I want to create an account, so I can later have the chance to order.	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.	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.  (Changes: adding specific information.)	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.  (Changes: made this more user driven, rather than developer driven.)	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.  (Changes: specified information.)	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 that I can manage the orders sensibly.	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 verified, it is moved to the order handling part.  EPIC
1	As an admin, I want the admin's to be able to access tweet threads, so that they can see orders.	4	9	Staff members will be able to see the tweets sent to @piepiperchef.
2	As an admin, I want the admin's to be able to access user accounts, so they can alter user accounts.	4	9	Staff members will have access to a page containing the users and will be able to alter the user's information.
1	As an admin, I want the admin's to be able to access order	4	9	Staff members will be able to access a page showing the

	handling, so they can process orders			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.  (Changes: This was changed slightly to remove irrelevant information)	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.
2	As an order handler, I want the delivery time to be specified within a certain time slot, so that the customer will know when to expect his delivery.  (Changes: specification)	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	As an owner, I want to be able to have multiple admins, so that the management becomes easier.	2	7	All of the staff members handling the website should be able to log in as admins.
2	As a registered user, I want to list my dietary requirements, so the order handler knows what types of food I can eat.  (Changes: clarification)	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	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.	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	As an owner, I want all admins to have access to all pages, so they can manage them better.	1	6	All staff members should be able to access everything that is on the website. Staff 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.	1	10	When a user logs in on the website, he should see the menu page first.
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	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.  (Changes: reworded for clarification.)	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.  (Changes: finished the story card by adding a 'so that...')	2	9	The price of every item in the order should be calculated and the total cost should appear underneath.
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



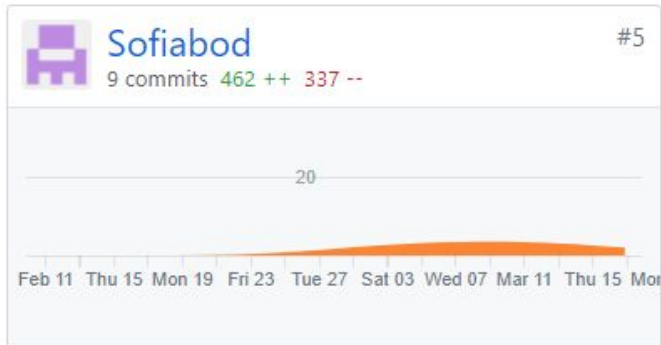
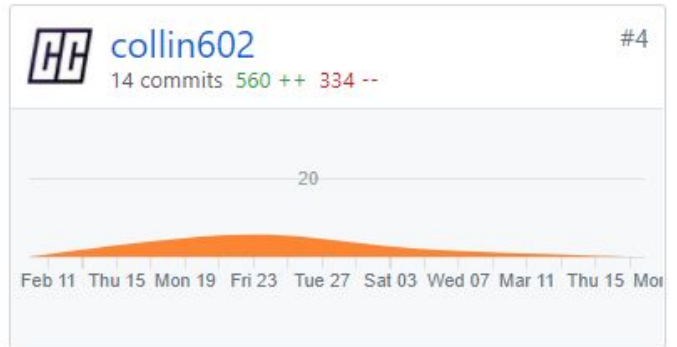
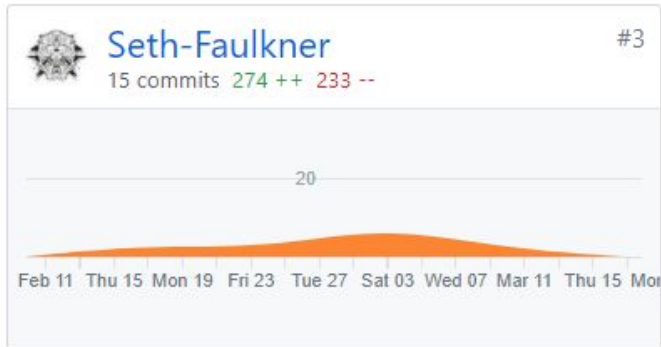
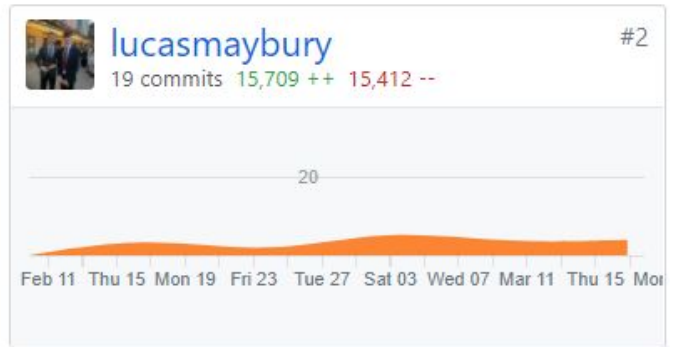
				that user wants to place an order.
2	As an order handler, I want to see only tweets about orders, so that I only see orders.	2	8	The PiePiper website uses a twitter account, from which orders are transferred to the website. Writing reviews instead of orders would be a waste of time to read, so the website 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 <sup>th</sup> 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.	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

	(Changes: part of a break down from an epic)			account, and when claimed-delete it.
--	--	--	--	--------------------------------------



















### Stories planned to be tackled in this iteration

- 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.
- 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.
- 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.
- As a twitter user, I want to be able to tweet at the @piepipercchef twitter account, so that I can place an order.
- 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.
- As an order handler, I want to be able to log in as an admin, so I can manage the orders and the accounts.
- As an unregistered user, I want to create an account, so I can later have the chance to order.
- As an order handler, I want to be able to respond to customers tweets with queries, so I can get the necessary clarifications.
- As an admin, I want the admin system to consist of tweet threads, order handling page and user accounts, so that I can manage the orders sensibly.
- As an admin, I want the admin's to be able to access tweet threads, so that they can see orders.
- As an admin, I want the admin's to be able to access order handling, so they can process orders
- 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.
- As an owner, I want to be able to have multiple admins, so that the management becomes easier.
- As an owner, I want all admins to have access tfo all pages, so they can manage them better.
- 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.
- As a customer, when I login, I first want to see the menu page, so I can order easily.
- As an admin, I want to see all tweets, so I can review the active and inactive ones, as well as latest.
- 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.
- As a twitter user, I want to be able to add my personal information to the website, so that I can order.

GitHub commit graphs



Sofia Bodurova, sbodurova1@sheffield.ac.uk, has 9 more commits than the visual ones in Contributors in Github, because there was a problem with her email while pushing her commits. The commits which are not included are:

default pie image Sofia Bodurova committed 19 days ago	 a807dac	
Removed contact page ... Sofia Bodurova authored and Sofia Bodurova committed 18 days ago	 21ea7d1	
Almost done contact form on contact page Sofia Bodurova authored and Sofia Bodurova committed 19 days ago	 9c70ae3	
Pie menu template homepage Sofia Bodurova committed 19 days ago	 23ff34d	
Merge branch 'develop' of https://github.com/COM1001-ComputerScience-... ... Sofia Bodurova committed 19 days ago	 6fd782b	
Merge branch 'develop' of https://github.com/COM1001-ComputerScience-... ... Sofia Bodurova authored and Sofia Bodurova committed 18 days ago	 4596c11	
Last update of the website. ... Sofia Bodurova authored and Sofia Bodurova committed 18 days ago	 6c8f2db	
Merge branch 'develop' of https://github.com/COM1001-ComputerScience-... ... Sofia Bodurova authored and Sofia Bodurova committed 18 days ago	 7dba372	
Undone. Added Admin log and admin nav bar Sofia Bodurova authored and Sofia Bodurova committed 18 days ago	 4b5b691	

## Burndown chart

## Testing and test coverage

To test our website, we tested during development, as we coded our solutions, then after we completed a large task, we would ask other team members to test what we implemented. This was useful as some changes we implemented caused problems on different operating systems.