

ITSC-3155 Software Engineering

Product Backlog

Feature Name	PRIORITY	POINTS	DEFINE USER STORY	ASSIGNED TO SPRINT	SPRINT #
Item Editing and Handling					
Allow for the creation of items	Medium	7	Yes	Yes	1
Create categories for items	Medium	7	Yes	Yes	1
Tracking Amount of Ingredient(s) in Inventory					
Retrieve ingredients and information for each item	Low	7	Yes	Yes	1
Add ingredients to stock	Low	3	Yes	Yes	1
Remove ingredients from stock	Low	3	Yes	Yes	1
Menu Editing and Handling					
Create menu	High	8	Yes	Yes	1
Add item to the menu	Medium	9	Yes	Yes	1
Remove an items from the menu	Medium	7	Yes	Yes	1
Update items on the menu	Medium	7	Yes	Yes	1
Retrieve the Menu	Medium	4	Yes	Yes	1
Filter the menu by category	Low	6	Yes	Yes	1
Placing Orders					
Create cart for holding order details	Medium	7	Yes	No	2
Keep a running total in the cart	High	10	Yes	No	2
Place the Final Order	High	6	Yes	No	2
Payment processing	Medium	8	No	No	2
Customer Information Input	Low	10	Yes	No	2
Order Tracking					
Ability to Retrieve Status of Order	High	15	Yes	No	2
Ability to set status of order	Low	6	Yes	No	2
Add/Remove items to/from the cart	Medium	7	Yes	No	2
Customer feedback					
Allow customers to rate orders	Low	2	Yes	No	2
Allow customers to review orders	Low	2	Yes	No	2
Promotion running					
Ability to create coupons	Low	4	Yes	No	1
Set Coupon Expiration Dates	Low	2	Yes	No	1
Ability to apply coupons to customer order	Low	2	Yes	No	1
Analysis of data					
Retrieval of values from order history	Low	5	Yes	No	2
Sum profit between dates	Low	5	Yes	No	2
List average time between order statuses	Low	5	Yes	No	2
List Items by Amount of Orders	Low	5	Yes	No	2

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Sprint Backlog 1

Story Tasks	Story Point	Assigned to	Estimated Effort	Day1	DAY 2
Item Editing and Handling			22	0	0
Allow for the creation of items		Andrew	7	0	0
Create categories for items		Andrew	7	0	0
Edit Items		Andrew	4	0	0
Edit Categories		Andrew	4	0	0
Ingredient Tracking & Management			17	16	1
Retrieve ingredients and information for each item		Drew	5	5	0
Create ingredients		Drew	3	3	0
Add ingredients to stock		Drew	3	3	0
Mark ingredients as not carried		Drew	3	2	1
Remove ingredients from stock		Drew	3	3	0
Menu Editing and Handling			17	0	0
Add item to the menu		Tareq	3	0	0
Remove an items from the menu		Tareq	3	0	0
Retrieve the Menu		Tareq	4	0	0
Filter the menu by category		Tareq	7	0	0
Promotion running			9	0	0
Ability to create coupons		Drew	5	0	0
Edit Coupon		Drew	4	0	0
TOTAL			65	16	1

DAY 3	DAY 4	DAY 5	DAY 6	Status	SPRINT REVIEW
0	22	0	0	Done	Done (1)
0	7	0	0	Done	Done (1)
0	7	0	0	Done	Done (1)
0	4	0	0	Done	Done (1)
0	4	0	0	Done	Done (1)
0	0	0	0	Done	Done (1)
0	0	0	0	Done	Done (1)
0	0	0	0	Done	Done (1)
0	0	0	0	Done	Done (1)
0	0	0	0	Done	Done (1)
0	0	0	0	Done	Done (1)
5	0	0	6	To Do	Sprint 2
2	0	0	1	To Do	Sprint 2
1	0	0	2	To Do	Sprint 2
2	0	0	2	To Do	Sprint 2
0	0	0	1	To Do	Sprint 2
0	0	0	9	To Do	Sprint 2
0	0	0	5	To Do	Sprint 2
0	0	0	4	To Do	Sprint 2
5	22	0	15		#VALUE!

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Sprint Backlog 2

Story Tasks	Story Point	Assigned to	Estimated Effort	4/28	4/29
Analysis of Data		Tareq	8	0	0
Retrieval of values from order history		Tareq	2	0	0
Sum profit between dates		Tareq	2	0	0
List average time between order statuses		Tareq	2	0	0
List Items by Amount of Orders		Tareq	2	0	0
Placing Orders		Andrew	12	0	0
Create cart for holding order details		Andrew	2	0	0
Keep a running total in the cart		Andrew	4	0	0
Place the Final Order		Andrew	2	0	0
Payment processing		Andrew	2	0	0
Customer Information Input		Andrew	2	0	0
Menu Editing and Handling		Drew	8	0	0
Add item to the menu		Drew	2	0	0
Remove an items from the menu		Drew	2	0	0
Retrieve the Menu		Drew	2	0	0
Filter the menu by category		Drew	2	0	0
Customer feedback		Tareq	4	0	0
Allow customers to rate orders		Tareq	2	0	0
Allow customers to review orders		Tareq	2	0	0
Order Tracking		Drew	6	0	2
Ability to Retrieve Status of Order		Drew	2	0	1
Ability to set status of order		Drew	2	0	1
Add/Remove items to/from the cart		Drew	2	0	0
Test		Tareq	2	0	0
Create a test for code		Tareq	2	0	0
Promotion running		Drew	6	0	0
Ability to create coupons		Drew	2	0	0
Edit Coupon		Drew	2	0	0
Ability to apply promotion to order		Drew	2	0	0
TOTAL			32	0	0

4/30	5/1	5/2	5/3	Status	SPRINT REVIEW	
4	0	0	4	Done	Done (2)	
1	0	0	1	Done		
1	0	0	1	Done		
1	0	0	1	Done		
1	0	0	1	Done		
6	0	6	0	Done	Done (2)	
1	0	1	0	Done		
2	0	2	0	Done		
1	0	1	0	Done		
1	0	1	0	Done		
1	0	1	0	Done		
8	0	0	0	Done	Done (2)	
2	0	0	0	Done		
2	0	0	0	Done		
2	0	0	0	Done		
2	0	0	0	Done		
2	2	0	0	Done	Done (2)	
1	1	0	0	Done		
1	1	0	0	Done		
0	1	3	0	Done	Done (2)	
0	0	1	0	Done		
0	0	1	0	Done		
0	1	1	0	Done		
2	0	0	0	Done	Done (2)	
2	0	0	0	Done		
3	0	3	0	Done	Done (2)	
1	0	1	0	Done		
2	0	1	0	Done		
0	0	1	0	Done		
20	2	6			#VALUE!	

ID	FEATURE	AS A <type of user>
1		Restaurant Owner
2		Restaurant Owner
3		Restaurant Owner
4		Customer
5		Restaurant Owner
6		Restaurant Owner
7		Customer
8		Customer
9		Restaurant Owner
10		Customer
11		Restaurant Owner
12		Restaurant Owner

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User Stories

SO THAT <achieve some goal>

I can tap into the growing online ordering market

I can easily create a menu.

I an easily run promotions.

I can order quickly without info being saved

I can appease my customers better

so staff can easily learn and utilize it

customers can easily make orders

I can keep tabs on when my order will arrive

our resturaunt runs more efficiently.

to continuously improve our menu and service quality

inform business decisions and help us tailor our offerings to customer demands

facilitate future enhancements and provide training materials for staff.

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As a restaurant owner, I want to provide a convenient, user friendly platform for order online so I can tap into the growing online food ordering market.

As a restaurant owner, I want to be able to specify ingredients, price, nutrient facts, and a category for dishes so I can easily create a menu.

As a restaurant owner I want to generate promo codes so that I can easily run promotions.

As a customer, I want to be able to order without making an account so ordering is a quick and easy process without my information being shared

As a restaurant owner, i want to improve the efficency of my restaurant to better appease my customers.

As a restaurant owner, I want to provide comprehensive training for the system so staff can learn it quickly and easily

As restauraunt owner I want the customer to make orders as easily as possible

As customer I would like to track my order so I can know when it will arrive.

As restauraunt owner I want the restauraunt to run efficiently so the business can operate better in other areas.

As a customer, I want to be able to leave feedback on the items I order so that the restaurant can improve their menu and service and I can advise other consumers.

As a restaurant owner, I want to collect and analyze data over time about customer preferences, order trends, order status, and sales so that i can make informed business

As a restaurant owner I want comprehensive documentation for the system to facilitate future enhancements and provide training materials for staff.

PRIORITY	STORY POINT
Medium	12
High	12
Low	4
Medium	3
Medium	5
Medium	5
High	12
Medium	10
Medium	10
Low	5
Medium	7
Medium	5
	0
TOTAL	90