

ID	As a...	I want to be able to...	So that...	Tasks	Priority	Sprint	Status	Assignee	Estimated Time	Time spent
2	Customer	login using my credentials (id and password)	I can access my profile and use the app	Interact with authentication to properly save customer upon registration	Must	3	Done	Marina Serafeimidi	1.5h	2.5h
				Add unit tests for service, controller	Must	3	Done	Marina Serafeimidi	2h	3h
				Refactor Customer class + endpoints	Must	3	Done	Marina Serafeimidi	2h	4h
				Add Integration testing for Customer controller class	Must	3	Done	Nicolae Filat/Jarno Berger/Marina Serafeimidi	30min	1h
3	Customer	select a default pizza to order	I can choose from the menu	Create database models	Must	3	Done	Jarno Berger/Nicolae Filat	1.5h	1h
				Create endpoints to make a functional cart	Must	3	Done	Jarno Berger/Nicolae Filat	1h	1h
4	Customer	select pickup time for my order	I can choose when to receive my pizza	Let customer select a pickup time	Must	3	Done	Toma Volentir	10min	10min
				Check that selected time is at least 30 min from order placement time	Must	3	Done	Toma Volentir	5min	5min
5	Customer	change/update an order	I can receive the order I actually want	Create endpoints and fix cart model	Must	3	Done	Jarno Berger/Nicolae Filat/Daan Panis	4h	7h
				Add unit tests	Must	3	Done	Jarno Berger	20min	20min
				Integrationtest	Must	3	Done	Jarno Berger/Nicolae Filat/Daan Panis	2h	1.5h
7	Customer	select a pickup store for my order	I can go to the store that is closest to me	Create endpoint	Must	3	Done	Nicolae Filat	2h	3h
				Create interaction of endpoint	Must	3	Done	Toma Volentir	15min	15min
9	Regional Manager	see all current orders	manage my store's workload	Add integration tests	Must	3	Done	Toma Volentir	2h	3h
14	Customer	be warned when ordering a pizza that contains one of my allergens	I do not accidentally endanger myself	Create endpoint	Should	3	Done	Daan Panis	20min	15min
17	Customer	filter pizzas by allergens from my account	I can filter according to what is safe for myself to eat	Create endpoint	Should	3	Done	Daan Panis	15min	15min
18	Customer	create a custom pizza using my chosen toppings	I can get my order exactly how I want it	Add integration tests	Should	3	Done	Jarno Berger	1h	1.5h
19	Store Owner	have customers be able to cancel order up to 30 mins before the selected time order	I do not start preparing an order that will not be payed for	Check if there are less than 30 mins until pickup time to allow cancel	Should	3	Done	Toma Volentir	10min	10min
				Test controller better	Should	3	Done	Toma Volentir	2h	2h30min
21	Store Owner	upload custom coupon codes for their store only	customers can make use of, when they order pizzas.	Create endpoints	Should	3	Done	Angelika Mentzelopoulou/Nicolae Filat	20min	25min
22	Regional Manager	upload custom coupon codes	customers can make use of, when they order pizzas.	Endpoint for adding coupons	Could	3	Done	Angelika Mentzelopoulou	1h	1h
				Interaction with store microservice for validating store owner	Could	3	Done	Angelika Mentzelopoulou	45min	45min
				Add integration and unit tests	Could	3	Done	Angelika Mentzelopoulou	30min	45min
25	Customer	try multiple coupons, until I find the one that gives the best price	I can get the best deal/price for an order	Endpoint that receives list of coupon codes for a passed prices list	Could	3	Done	Angelika Mentzelopoulou	1h	1h
				Add integration tests	Could	3	Done	Angelika Mentzelopoulou		
				Assure codes are eligible for current order	Could	3	Done	Angelika Mentzelopoulou	15min	10min
26	Customer	add extra toppings to a default pizza	I can customise the pizza(s) that I want to order	Endpoint that adds toppings to a pizza in the cart	Could	3	Done	Jarno Berger/Nicolae Filat	1h	1h
27	Administrator	only allow one coupon to be applied, the one that gives the best deal	the customer gets a good deal without bringing the cost too low	Make it possible to get best coupon based on list of prices and codes	Could	3	Done	Toma Volentir	15min	15min
				Try out all passed codes and keeps the one with the best final price	Could	3	Done	Angelika Mentzelopoulou	15min	15min
				Return selected coupon and final price	Could	3	Done	Angelika Mentzelopoulou	5min	10min
28	Customer	get my coupon refunded in case I cancel my order	I can use it in a future order	Endpoint that removes coupon from used list	Could	3	Done	Toma Volentir/Marina Serafeimidi	10min	10min

The last sprint was full of work. We all did our best to create the interactions between the different microservices as well as test them through mocking, integration testing and manually on Postman. At the beginning of the sprint the interactions were far from done but as time went on we implemented everything, tested our logic and made sure the flow of the application makes sense and is smooth. The lesson we learned from this sprint is that consistency is key and we should strive to take care of issues as soon as possible, as to not leave too many things to be done in the last available time frame.