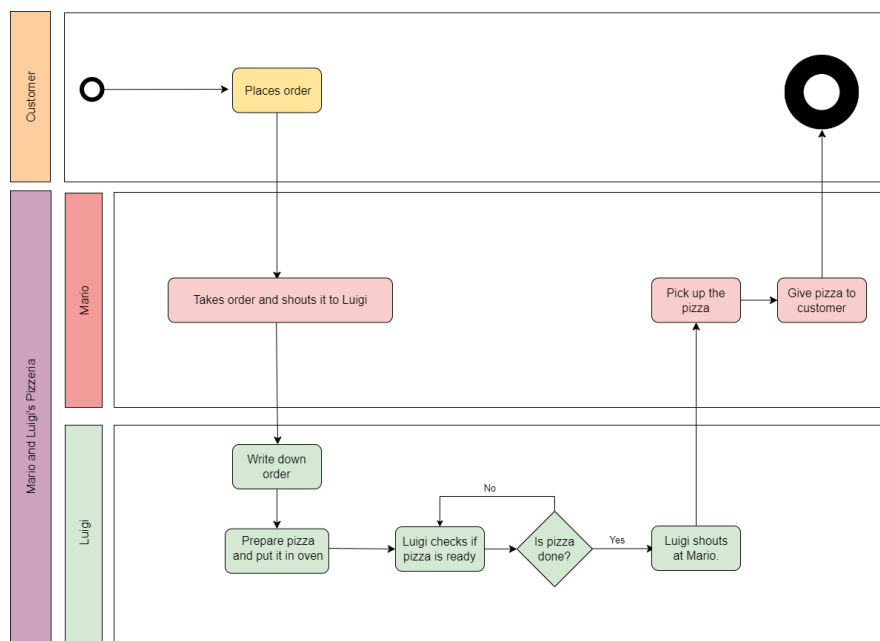


# Project Plan

1. Who is the client for this project and how can we contact them?
  - Mr. Panucci
  - The address is their pizzeria.
  - Luigi's pizzeria
2. Who are the members of the team and how can we contact them?
  - Aisa – design: a.szakal@student.fontys.nl
  - Dani – leader: y.markov@student.fontys.nl
  - Niels – technical: n.heuvel@student.fontys.nl
  - Lukas – technical: l.povilaitis@student.fontys.nl
3. What is currently known about factors that influence your project?
  - Mr. Panucci's interview
  - Other pizzerias
4. Is there an existing system that you build on?
  - There is a cash register.
5. How does the client currently do things?



6. Are there competitors working on a similar solution?
  - The team's competitors are the other teams in school.
  - Other pizzerias with different methods.
7. What problem does the client have which they want to be solved?
  - Passing orders to the kitchen and back.
    - Shouting – it can be disturbing for the customers
  - Wrong pizzas being given
  - Cold or burnt pizza because of the oven

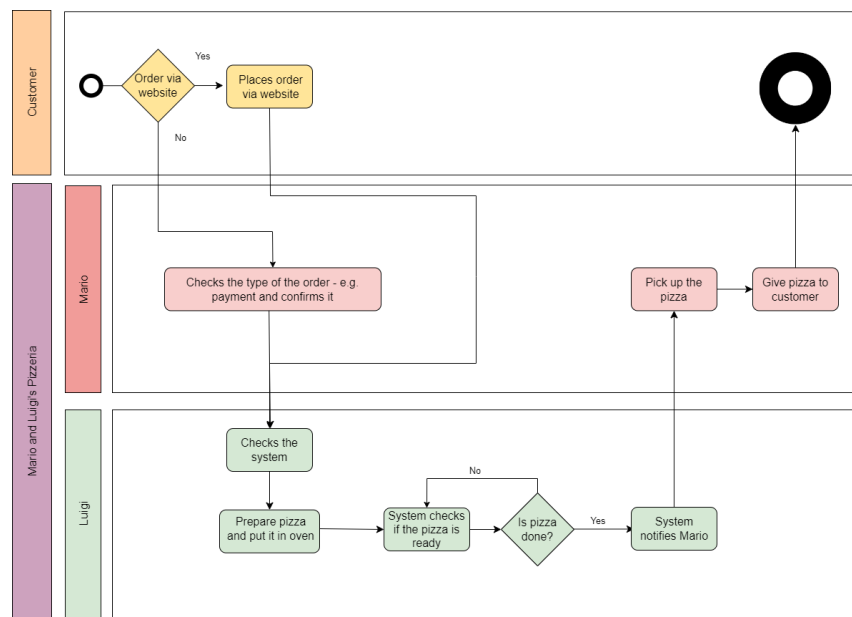
- They don't have any information about the customers' orders.
  - Luigi must check the oven several times when making a pizza, it doesn't show if a pizza is ready.
8. What does your project attempt to archive?
- Replace the system, switch the oven to a modern one, (with timer – maybe).
  - Having a website that customers can reach.
9. What products are you going to deliver?
- Prototypes (oven), reports - updates, maintenance, documentation, website code, python code.
10. What are you not going to deliver?
- nothing physical (e.g., oven)
11. What are the project limits?
- Limited time
  - Limited knowledge
  - Limited sources – communication with the clients
12. What programming language are you going to use?
- Python, HTML, C++
13. How much money will you have to spend on possible hardware purchases?
- 0
14. How do you plan to conduct your project?
- We meet every weekday.
15. So how many go/no-go decisions do you want?
- As little as possible.
16. Timetable:

	JUDIS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
WEEK 1				Arrange the group, bridge building exercise.	Business Process Diagram	Business Plan and Interviewing/ MoSCoW
WEEK 2		Figma / Paper prototype		Saving the data in flat file as csv and set goals.		
			Plan our solution/ implementation (start the coding, working with Arduino) / discuss the design with the teacher			
WEEK 3		Finalising the project		Prepare and practice for final presentation		
			Finishing touches, start to work on the final presentation		Final presentation Day	

# MoSCoW

- Must have
  - o A website for customers, cashier, chef
    - With the menu items, prices.
  - o Able to send orders to the kitchen.
  - o Smart oven that notifies when the pizza is done.
- Should have
  - o Able to display the price for the customer based on the order.
  - o Store the order number.
  - o Display the product name.
  - o The website should track the order of the customer. Showing when it is being worked on and when it's ready.
- Could have
  - o Design that matches Italian heritage
  - o Multiple accounts with specific permissions
  - o Admin account for management of prices, new items in the menu or other updates of information.
- Won't have
  - o Hardware (Oven and Hosting device)
  - o Order histories and customer data collection.

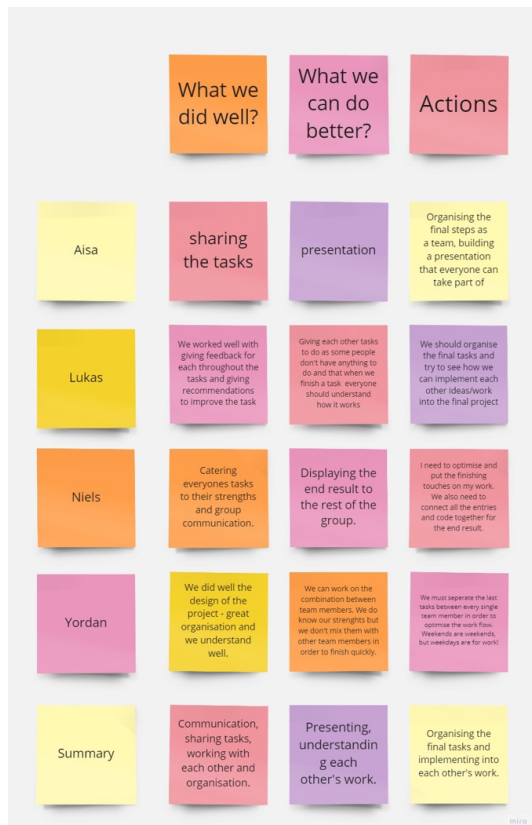
The process diagram after the project was finished:



## User research – Interview script:

- Lukas: In what manner do you prefer to eat pizza, ordering from home, take away or eating at a restaurant?
- Interviewee: Eating in a restaurant.
- Lukas: In some restaurants they started using QR codes to order from your table. Would you be opposed to having this be a widely used system?
- Interviewee: I think just a normal menu is like part of the restaurant.
- Lukas: Do you prefer to pay by card or cash?
- Interviewee: Cash.
- Lukas: For most online order shoppings you need an account. Does using an account for such tasks make it less appealing then ordering without one?
- Interviewee: Yes, yes it does.
- Lukas: What information would you want to be online accesible
- Interviewee: Again the question, I am so sorry.
- Lukas: What information would you want to be online accesible like what kind of information.
- Interviewee: What kind of pizzas they have, maybe like opening hours or things like that.
- Lukas: Ok, thank you.

## How our group worked?



	Dani	Niels	Aisa	Lukas	Expectations	Collaboration
Strengths	<ul style="list-style-type: none"> <li>• Creative</li> <li>• Technical skills</li> </ul>	<ul style="list-style-type: none"> <li>• Technical insights</li> <li>• problem solving</li> </ul>	<ul style="list-style-type: none"> <li>• imaginative</li> <li>• visual skills</li> </ul>	<ul style="list-style-type: none"> <li>• memory skills</li> <li>• presentation skills</li> </ul>	We will work on Github	
Weaknesses	<ul style="list-style-type: none"> <li>• perfectionist</li> </ul>	<ul style="list-style-type: none"> <li>• overthinking</li> <li>• not flexible</li> </ul>	<ul style="list-style-type: none"> <li>• lack of technical skills</li> <li>• impatient</li> </ul>	<ul style="list-style-type: none"> <li>• software skills</li> <li>• overthink</li> </ul>		
Approach	<ul style="list-style-type: none"> <li>• Oversight with everyone's work and communication</li> </ul>	<ul style="list-style-type: none"> <li>• Structurally</li> </ul>	<ul style="list-style-type: none"> <li>• Make a plan about managing time, adapt to others</li> </ul>	<ul style="list-style-type: none"> <li>• Structurally, in a team try to adapt</li> </ul>		
Roles	<ul style="list-style-type: none"> <li>• Leader - have an oversight with everyone's work (helping, involved in everything)</li> </ul>	<ul style="list-style-type: none"> <li>• Technical sides of the work</li> </ul>	<ul style="list-style-type: none"> <li>• Designing, UI parts</li> </ul>	<ul style="list-style-type: none"> <li>• Connect the two parts</li> </ul>		
Success	<ul style="list-style-type: none"> <li>• When we see the progress, when the communication is smooth throughout the work</li> </ul>	<ul style="list-style-type: none"> <li>• It works sufficiently consistently</li> </ul>	<ul style="list-style-type: none"> <li>• When in the end everyone is happy with the work and with the group (no bad memories)</li> </ul>	<ul style="list-style-type: none"> <li>• When the work is done and everyone is satisfied</li> </ul>		
Standards	<ul style="list-style-type: none"> <li>• Communicating, willing to work, straight to ask for help</li> </ul>	<ul style="list-style-type: none"> <li>• Clear communication, optimisation</li> </ul>	<ul style="list-style-type: none"> <li>• Everyone is understanding, flexible, willing to help each other</li> </ul>	<ul style="list-style-type: none"> <li>• Everyone is hard-working, produces the results</li> </ul>		