Documentation.

First 10 minutes:

-Demo

**\*give a small demonstration on how to product works\*.**

“as of now the only one that can order is the cashier. But the main page serves as a foundation for future innovations so that the client themselves can order. You would order from the order page. >> The pizza is than added into a database and shown on the order list along with its ID, status etc. >> the chef would see this, prepare the pizza and when the pizza is in the oven, they would press a button to start a countdown, causing the order to change its status to in the oven. >> when the order is done the chef presses a button and the orders status changes to ready. >> the cashier gets and delivers this pizza. They then press a button and the order status changes to delivered. This same button writes the order to a csv file and deletes it from database. This way it isn’t being show on the order list.”

-Problems and improvements?

“ **#1**: During the start of the project, most of the given examples and advices we received were, save each order as a csv file. Daan already knew how a database worked and wanted to see if we could implement it. He found out later that flask already uses a built-in sql-database, so we used that. The issue was that one of our tutors believed this was hard to implement since we don’t exactly have any experience on the matter but he said we could try.

**#2**: The Arduino in general is a difficult piece of hardware to work with if you have no prior experience with it, but with some trial and error you get the hang of it. The first issue was the display of more than one countdown. Since this had to do with more than just the Arduino (post requests) it was a little difficult at first. The second part was the buzzer. I am used to reading code from C++ and then translating that into python. In this case it was different because fermata did not recognize a certain method. So we had to adapt to this method and it worked but only on one frequency and can only turn in and off. The frequency solely depended on your buzzer.

-Why our product is the solution?

To start with it does exactly, not only the client wants but it also gives some extras in there. Think oven the oven timer or the main page.

-Why would a client purchase it?

It’s cheap, it does the job and again it’s a program that can be improved upon. So if the client decides to improve their system using a different IT team, they can do so easily.

-What are its key defining features?

­It uses a database so in a way, the orders look a little more structured. It can do multiple orders at the same time and not one pizza at a time. It’s got a nice looking main page :).

Mid 5 minutes:

-What went well in our group?

The skills distribution in our group was already fundamentally good. Some of us have good experience in Arduino. The other in Software in general and the other in infrastructure and databases. In this project we did not need to show much about the business profile so this was already a good start. In the beginning, we all set up some rules and agreements and we kept ourselves to these. This made working together easy. Not to mention, where one was stuck, the other would help.

-What did not go well and why?

In the last few days, during the regional strike, some of us couldn’t come to school. We did have a discord and could communicate. This didn’t go bad but there will be some topics you may or may not have missed. It is easier to keep tabs on who did what and if they need help, when you are all present as well.

-What would you do different?

In this specific group nothing much really for the technical part. For the organization, we think we could make better use of Trello. Instead of opening it and seeing what tasks there are to do that day, we could keep it open and updated so we know exactly what do to.