

# Marios Pizzabar



Mario has a small pizza bar on Lyngby Hovedgade that sells take away pizzas. He would like some help tracking the orders and would like a small IT system to handle the orders.

After a short meeting with Mario, we know this much:

“I would always like to see a list of the orders and when they are going to be picked up. I have over 30 different pizzas, and most customers call and order an hour in advance. Some also come directly into the store. Online booking would be nice.

Right now, my nephew, Alfonso, receives the orders. He will take care of operating the computer. I just need to be able to see the list of orders and somehow know which pizza is to be made as the next one. Maybe one could sort them by time. I do not know. As long as it is easy for me, it is fine.

When I have made a pizza, I shout to my nephew when the pizza is ready. He removes it from the list when it is picked up and paid.

I would like to be able to store all the orders. That way I will be able to see the turnover, and later make statistics on which pizzas are the most popular. ”

| PIZZAER  |      |
|--|------|
| 1. <b>Vesuvio:</b> tomatsauce, ost, skinke og oregano .....                                    | 57,- |
| 2. <b>Amerikaner:</b> NYHED tomatsauce, ost, oksefars og oregano .....                         | 53,- |
| 3. <b>Cacciatore:</b> tomatsauce, ost, pepperoni og oregano .....                              | 57,- |
| 4. <b>Carbona:</b> NYHED tomatsauce, ost, kødsauce, spaghetti, cocktailpølser og oregano ..... | 63,- |
| 5. <b>Dennis:</b> NYHED tomatsauce, ost, skinke, pepperoni, cocktailpølser og oregano .....    | 65,- |
| 6. <b>Bertil:</b> tomatsauce, ost, bacon og oregano .....                                      | 57,- |
| 7. <b>Silvia:</b> tomatsauce, ost pepperoni, rød peber, løg, oliven og oregano .....           | 61,- |
| 8. <b>Victoria:</b> tomatsauce, ost skinke, ananas, champignon, løg og oregano .....           | 61,- |
| 9. <b>Toronfo:</b> NYHED tomatsauce, ost, skinke, bacon, kebab, chili og oregano .....         | 61,- |
| 10. <b>Capricciosa:</b> tomatsauce, ost, skinke, champignon og oregano .....                   | 61,- |
| 11. <b>Hawai:</b> tomatsauce ost, skinke, ananas og oregano .....                              | 61,- |
| 12. <b>Le Blissola:</b> tomatsauce, ost, skinke, rejer og oregano .....                        | 61,- |
| 13. <b>Venezia:</b> tomatsauce, ost skinke, bacon og oregano .....                             | 61,- |
| 14. <b>Mafia:</b> NYHED tomatsauce, ost, pepperoni, bacon, løg og oregano .....                | 61,- |

**The objectives of this exercise is to:**

- Practice getting into the TDD mindset by example
- Make a maintainable program (or parts of it)
- Handle dependencies in configuration file(Inversion Of Control)
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**Requirements:**

1. User dialogue – decide yourself
2. User stories
  - a. Show menu card
  - b. Enter order
  - c. Show all orders
  - d. Remove order