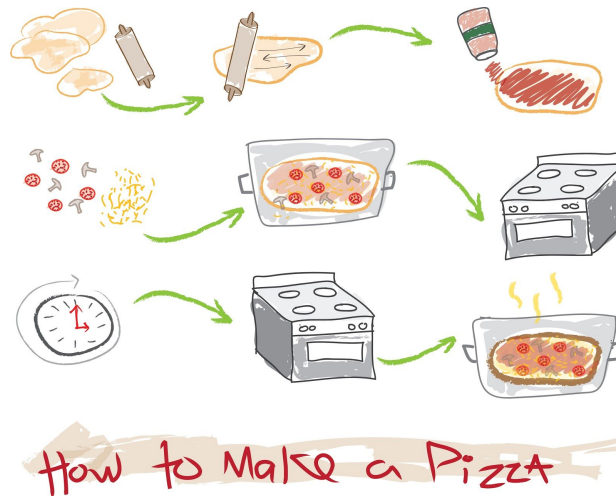


REMYRobotics

Test Task - Python Software Engineer

You are asked to design and implement an information management system for robotic pizza restaurant.



The system should provide API for the following features:

- Provide menu of the restaurant (different pizza recipes, side dishes, drinks)
- Place orders
- Track execution of an order
- Execute pizza cooking with regards to the order queue
- Provide statistical data about the restaurant

Briefly describe your design and then answer the following questions:

- What are the elements of your system?
- What are the interactions between those elements?
- What happens if an element of the system fails?
- Why is it easy to scale the system with regards to multiple restaurants?

Implement the skeleton of your design using Python to prove that it is sound and technically feasible.