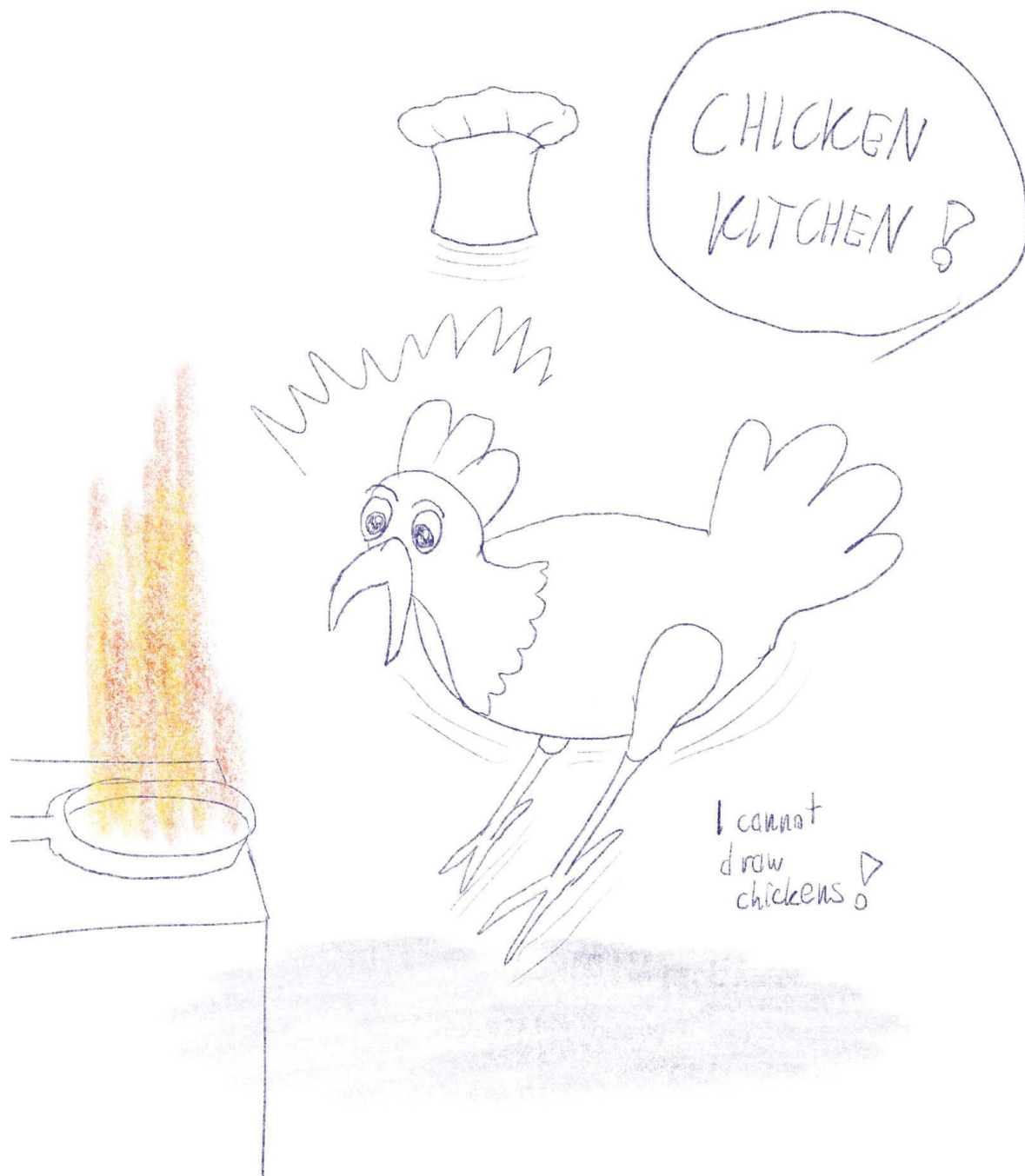Chicken Kitchen.

Short Story

Congratulations, Commander.

You are now an owner of a small restaurant called „Chicken Kitchen". It has nothing to do with chickens, but it does contain kitchen. And customers, of course.

You have some nice dishes here, fan favorite. Some returning customers. And some basic ingredients.

The data

Repeated customer	Allergies
Julie Mirage	Soy
Elon Carousel	Vinegar, olives
Adam Smith	-
Barbara Smith	Chocolate
Christian Donnovan	Paprika
Bernard Unfortunate	Potatoes

Food	Ingredients
Emperor Chicken	Fat Cat Chicken, Spicy Sauce, Tuna Cake
Fat Cat Chicken	Princess Chicken, Youth Sauce, Fries, Diamond Salad
Princess Chicken	Chicken, Youth Sauce
Youth Sauce	Asparagus, Milk, Honey
Spicy Sauce	Paprika, Garlic, Water
Omega Sauce	Lemon, Water
Diamond Salad	Tomatoes, Pickles, Feta
Ruby Salad	Tomatoes, Vinegar
Fries	Potatoes
Smashed Potatoes	Potatoes
Tuna Cake	Tuna, Chocolate, Youth Sauce
Fish In Water	Tuna, Omega Sauce, Ruby Salad

Base ingredients
Chicken, Tuna, Potatoes, Asparagus, Milk, Honey, Paprika, Garlic, Water, Lemon, Tomatoes, Pickles, Feta, Vinegar, Rice, Chocolate

Test cases:

Assuming you have all the basic ingredients * 10 in the warehouse.

1. Julie Mirage wants to buy Fish In Water. She gets her Fish in Water.
2. Elon Carousel wants to buy Fish In Water. You have to refuse him service, because one dependency uses Chocolate and he is allergic to it.
3. Julie Mirage wants to buy Emperor Chicken. She gets her Emperor Chicken.
4. Bernard Unfortunate wants to buy Emperor Chicken. You have to refuse him service, because one dependency uses Potatoes and he is allergic to them.

To consider

- Expect adding new dishes, new customers and new ingredients.
- Expect that the business logic may change too.