

Imagine a pizza ordering services with the following functionality:

1. Order a pizza:
  - There should be a possibility to specify the desired pizzas, the number of pizzas and their size;
  - An order should contain information regarding the customer;
  - It should be possible to track the status of order delivery.
2. Update an order:
  - There should be a possibility to update the order details (pizzas/number of pizzas/size). Please, pay attention, that order in some delivery statuses (e.g. delivered) could not be updated;
  - There should be a possibility to change the status of order delivery.
3. Remove an order.
4. Retrieve an order:
  - It should be possible to retrieve the order by its identifier.
5. List orders:
  - It should be possible to retrieve all the orders;
  - Some filtering by status/customers will be nice to have.

Tasks:

1. Design Model/DB structure (PostgreSQL) .
2. Design and implement API with Django Rest Framework for the described web service. Please note:
  - You don't have to take care of authentication etc, we are just interested in structure and data modeling;
  - You don't have to implement any UI, just the API endpoints.
3. Write test(s) for at least one of these endpoint(s).

Notes:

1. Use viewsets where possible.
2. Keep your endpoints as restful as possible.
3. (Optional) Think about concurrency.