**Rest API Description(Pizza Project):**

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| **Operation** | **Method** | **Resource Path** | **Result example (example with with Curl)** |
| List all cafes | GET | /cafes | curl -v -H "Content-Type: application/json" -X GET **http://localhost:8080/cafes** |
| Add a new cafe | POST | /cafe | **(with auth)** curl -v -H "Content-Type: application/json" -X POST -u "admin:admin" -d  '{"name":"Pizza Point","city":"Berlin","address":"Haupstrase 1","email":"[pizzapoint@gmail.com](mailto:pizzapoint@gmail.com)","phone":"0034 231 234","open\_at":"09:00:00","close\_at":"21:00:00"}'  **http://localhost:8080/cafe**  **(without auth expected to fail)**curl -v -H "Content-Type: application/json" -X POST -d  **http://localhost:8080/cafe** |
| Update cafe details (identified by id) | PUT | /cafe/{id} | curl -v -H "Content-Type: application/json" -X PUT -u "admin:admin" -d  '{"name":"Update","city":"Dresden","address":"Haupstrase 1","email":"[pizzapoint@gmail.com](mailto:pizzapoint@gmail.com)","phone":"0034 231 234","open\_at":"09:00:00","close\_at":"21:00:00"}'  **http://localhost:8080/cafe/1**  **(without auth expected to fail)**curl -v -H "Content-Type: application/json" -X PUT -u  **http://localhost:8080/cafe/1** |
| Delete cafe by id | DELETE | /cafe/{id} | curl -v -H "Content-Type: application/json" -X DELETE -u "admin:admin"  **http://localhost:8080/cafe/1**  **(without auth expected to fail)**curl -v -H "Content-Type: application/json" -X DELETE  **http://localhost:8080/cafe/1** |
| Basic search by cafe address (should return all cafes whose name contains search term) | GET | /cafes?address={cafe address} | curl -v -H "Content-Type: application/json" -X GET **http://localhost:8080/cafes?address=BERLIN** |
| List all pizzas of specific cafe | GET | /pizzas?cafe\_id={id} | curl -v -H "Content-Type: application/json" -X GET **http://localhost:8080/pizzas?cafe\_id=1** |
| List menu of specific cafe | GET | /menu?cafe\_id={id} | **http://localhost:8080/menu?cafe\_id=1** |
| Get a list of additional ingredients for pizza in this cafe | GET | /ingredients?cafe\_id={id} | **http://localhost:8080/ingredients?cafe\_id=1** |
| Add new pizza to specific cafe | POST | /pizza | curl -v -H "Content-Type: application/json" -X POST -u "admin:admin" -d  '{"name":"Gawaii", "size":"XL", "key\_ingredients":"pineapple", "price":25, "cafe\_id":4}'  **http://localhost:8080/pizza**  **(without auth expected to fail)**curl -v -H "Content-Type: application/json" -X POST -u "admin:admin" -d  **http://localhost:8080/pizza** |
| Update new menu to specific cafe | PUT | /menu/ cafe\_id={id} | **http://localhost:8080/menu/5** |
| Add new dishes to specific cafe | POST | /dishes | **http://localhost:8080/dishes** |
| Get specific pizza details | GET | /pizza/{id} | curl -v -H "Content-Type: application/json" -X GET **http://localhost:8080/pizza/1** |
| Get specific dish details | GET | /dish/{id} | **http://localhost:8080/dish/1** |
| Update pizza details (by pizza id) | PUT | /pizza/{id} | curl -v -H "Content-Type: application/json" -X PUT -u "admin:admin" -d  '{"name":"Updated", "size":"XL", "key\_ingredients":"pineapple", "price":12, "cafe\_id":4}'    **http://localhost:8080/pizza/1**  **(without auth expected to fail)**curl -v -H "Content-Type: application/json" -X PUT -d  **http://localhost:8080/pizza/1** |
| Delete specific pizza | DELETE | /pizza/{id} | curl -v -H "Content-Type: application/json" -X DELETE -u "admin:admin"  **http://localhost:8080/pizza/1**  **(without auth expected to fail)**curl -v -H "Content-Type: application/json" -X DELETE -u "d:d"  **http://localhost:8080/pizza/1** |
| Delete specific dish | DELETE | /dish/{id} | **http://localhost:8080/dish/1** |
| List all pizzas from database | GET | /pizzas | curl -v -H "Content-Type: application/json" -X GET **http://localhost:8080/pizzas** |
| Basic search by pizza name (should return all pizzas whose name contains search term) | GET | /pizzas?name={pizza name} | curl -v -H "Content-Type: application/json" -X GET **http://localhost:8080/pizzas?name=MARGARITA** |