5.2 ORM Lab

**INTRODUCTION**

We are going to connect our cookie\_tracker code to the MySQL database we created in the previous lab.

**TASK**

1. In the “cookie\_tracker.py” file, define a Cookie model that matches the schema of the cookie table.
2. In the list\_cookies function, query the cookie table for all records using the ORM, and pass them to the view, replacing the hard-coded data.
3. Hit localhost:5000/cookies and make sure it lists all the cookies in the database. If you rename a cookie directly in the database using SQL, refresh the page and make sure it’s reflected in the HTML table listing the cookies.
4. In the add\_cookie function:
   1. If the cookie name is not an empty string, create a new cookie record using the incoming request data and persist it to the database using the ORM. Return the successful JSON response as before.
   2. If the cookie name is an empty string, return the error JSON response as before.
5. Hit localhost:5000/cookies and add a new cookie through the form. Refresh the page and make sure that the cookie you added is now listed in the HTML table.