5.1 MySQL Lab

**INTRODUCTION**

Today we’ll be creating a database for our cookie\_tracker project.

**TASK**

1. Create a database with the name cookie\_tracker
2. In the cookie\_tracker database, create a table named cookie
3. The cookie table should have three fields:
   1. id - this field should be of type integer, auto-incrementing, and should not be allowed to be null. This field should also be the primary key.
   2. name - this field should be of type string, with a max length of 255 characters, and should not be allowed to be null
   3. rating - this field should be of type integer, and should not be allowed to be null
4. In your newly created table, insert 3 rows:
   1. A cookie with name “chocolate chip” and a rating of 5
   2. A cookie with name “oatmeal raisin” and a rating of 1
   3. A cookie with name “snickerdoodle” and a rating of 3
5. You should be able to run the following the commands and see the same output:

mysql> describe cookie;

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| Field | Type | Null | Key | Default | Extra |

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| id | int(11) | NO | PRI | NULL | auto\_increment |

| name | varchar(255) | NO | | NULL | |

| rating | int(11) | NO | | NULL | |

+--------+--------------+------+-----+---------+----------------+

mysql> select \* from cookie;

+----+----------------+--------+

| id | name | rating |

+----+----------------+--------+

| 1 | chocolate chip | 5 |

| 2 | oatmeal raisin | 1 |

| 3 | snickerdoodle | 3 |

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Once you reach this state, feel free to play around with more SQL commands! Just make sure you end back up with a table that looks like the one shown above.