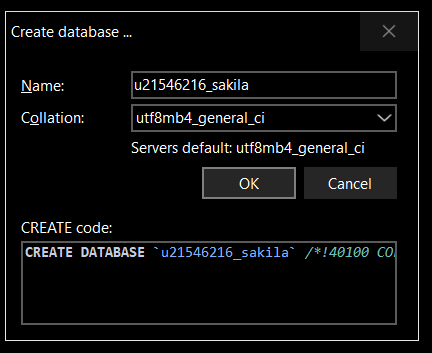
**COS 221**

**Practical Assignment 4**

**Scott Bebington**

**U21546216**

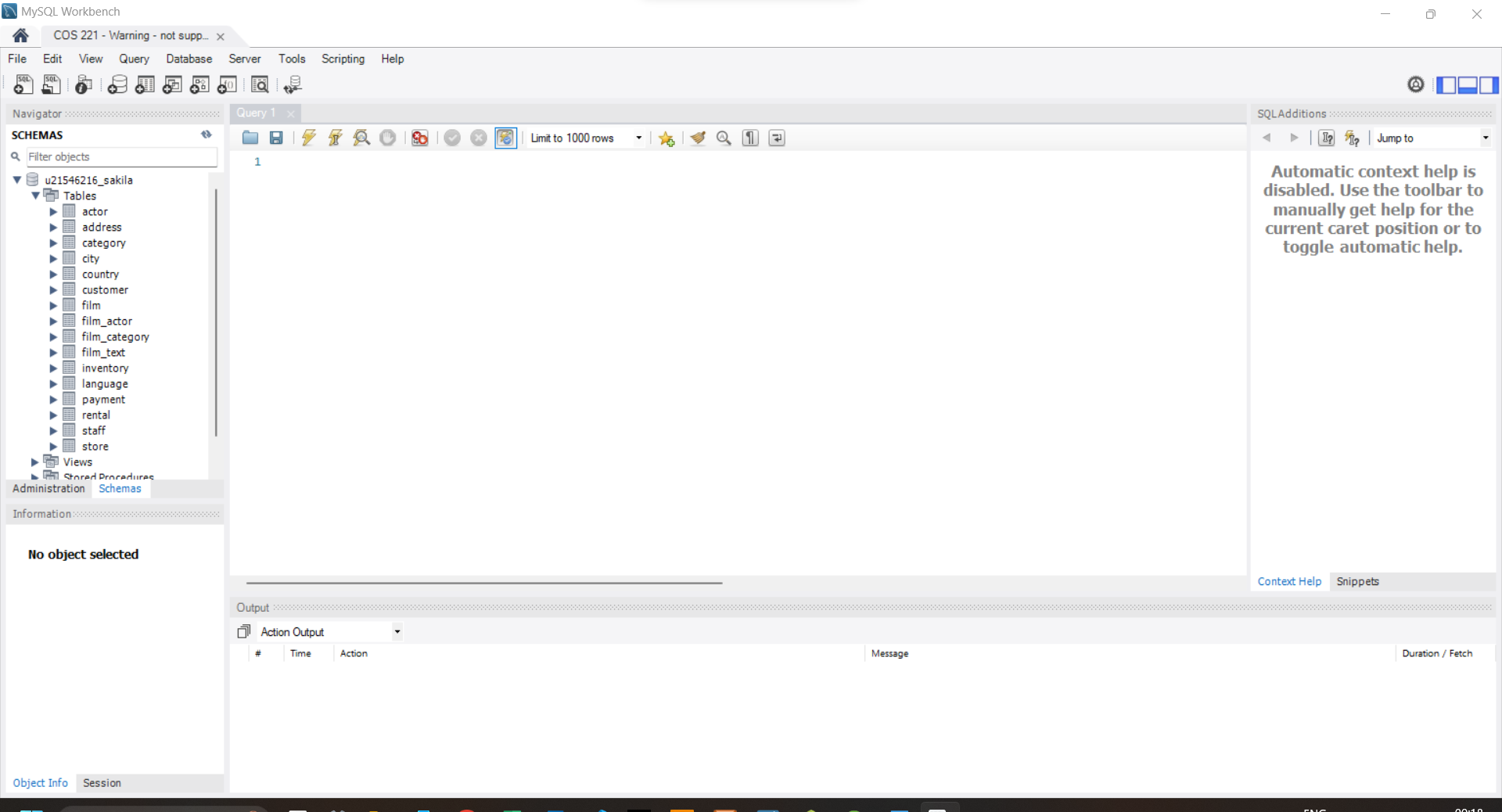
**Task 1**



**Task 2**

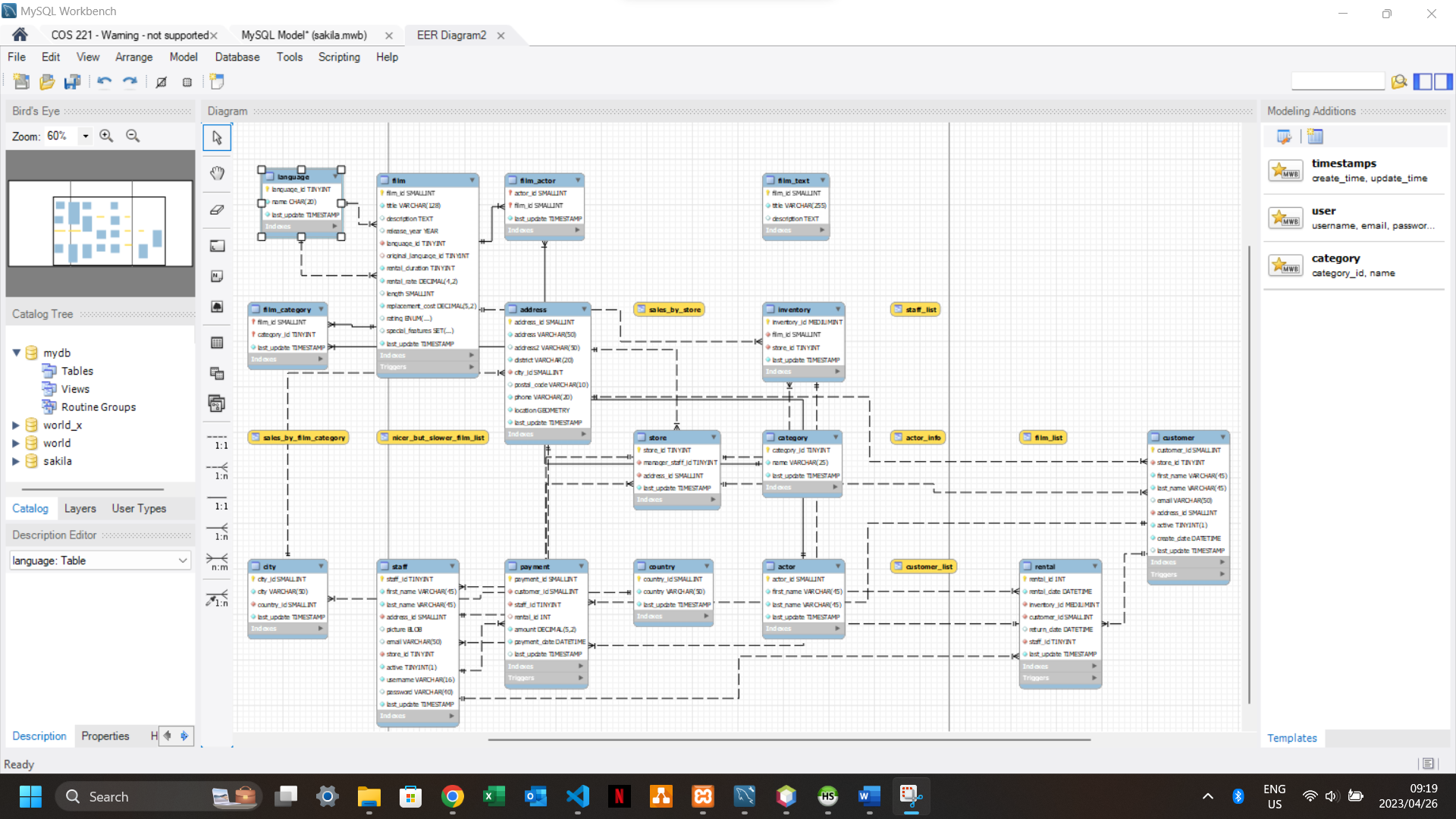
2.1) I have used MySQL Workbench

2.2)



**Task 3**

3.1)



3.2) The Store table has the following attributes

store\_id: hold the unique id of the stores

Constraints: Cant be longer than 3 digits, must be unique, is the primary key

Data Type: TINY INT(3)

manager\_staff\_id: holds the unique id of the manager that works in the store

Constraints: Cant be longer than 3 digits, must be unique

Data Type: TINY INT(3)

address\_id: holds the unique id of the address of the store

Constraints: Cant be longer than 5 digits, must be unique

Data Type: SMALL INT(5)

last\_update: this field is less important as it just stores the last time the rows were updated.

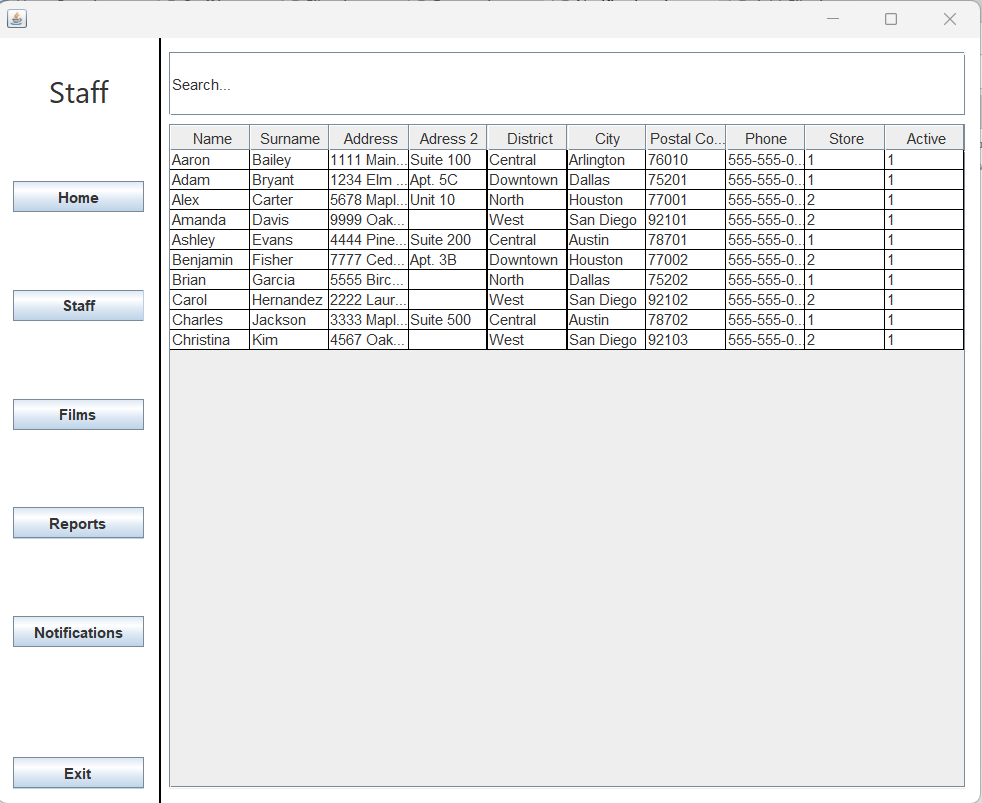
Constraints: Must be in date and time format

Data Type: TIMESTAMP

This table is very important to the Database as it provides a lot of links to join tables on and find data easily, it joins almost every table together.

**Task 4**

4.1)



4.2)

Table

Description automatically generated

4.3)

Table

Description automatically generated

Graphical user interface, application

Description automatically generated

4.4)

Graphical user interface, table

Description automatically generated

4.5)

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

4.6)

Graphical user interface, application

Description automatically generated

**Task 5**

I used environment variable and GitHub.