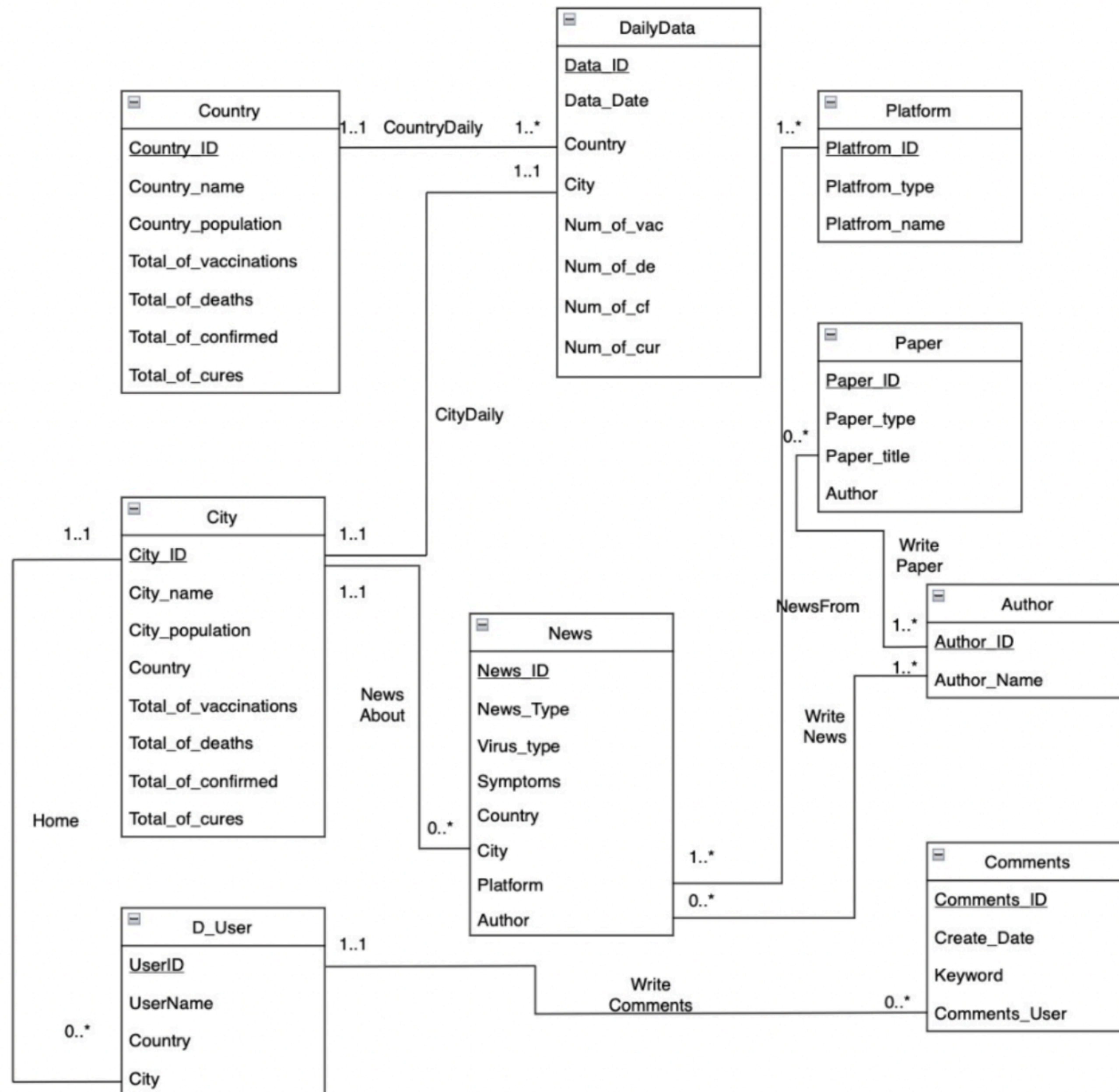


Stage4 Midterm Demo

Group20 Bunniebunnie

Jiahe Li, Qianyan Shen, Luting Lei



```
mysql> show tables;
+-----+
| Tables_in_tutu |
+-----+
| Article         |
| City            |
| Dailydata       |
| Vaccination     |
+-----+
```

```
mysql> select count(*) from Article;
+-----+
| count(*) |
+-----+
|      2823 |
+-----+
1 row in set (0.00 sec)

mysql> select count(*) from City;
+-----+
| count(*) |
+-----+
|       531 |
+-----+
1 row in set (0.01 sec)

mysql> select count(*) from Dailydata;
+-----+
| count(*) |
+-----+
|       2000 |
+-----+
1 row in set (0.01 sec)

mysql> select count(*) from Vaccination;
+-----+
| count(*) |
+-----+
|       1055 |
+-----+
1 row in set (0.00 sec)
```

Advanced SQL queries

```
SELECT d.Country, avg(d.new_cases) AS avg_num  
FROM Dailydata d NATURAL JOIN City c  
GROUP BY d.Country  
LIMIT 15;
```

```
(SELECT COUNT(VacId) AS cntv, Company  
FROM Vaccination  
GROUP BY Company  
HAVING cntv < 3)  
UNION  
(SELECT COUNT(VacId) AS cntv, Company  
FROM Vaccination  
GROUP BY Company  
HAVING cntv > 10)  
LIMIT 15
```