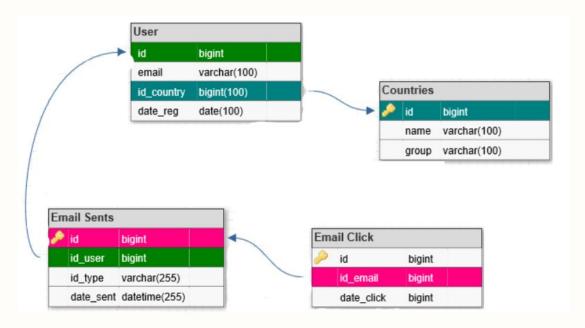
*GENESIS

Task 1: SQL queries



The number of registered users by day by group of countries:

Data for test:

```
1|Germany|Europe
2|Italy|Europe
3|China|Asia
4|Japan|Asia
```

```
1|denis@gmail.com|2017-12-03 11:08:25|1
2|antonio@gmail.com|2017-12-03 19:43:07|2
3|bajio@china-email.com|2017-12-03 23:09:22|3
4|hai-mysiu@japan-email|2017-12-03 23:09:25|4
5|petribash@gmail.com|2017-07-09 07:58:15|1
6|talikina@milan-university.com|2017-07-09 13:12:11|2
7|mahish-hainz@laboratory-gm.com|2017-07-09 17:08:44|1
```

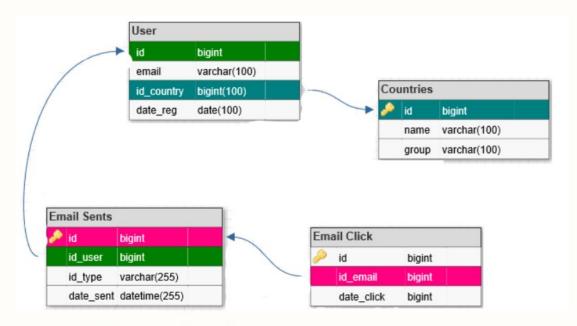
Table: Countries Table: User

```
Result
```

CPU Time: 0.00 sec(s), Memory: 4316 kilobyte(s)

2017-07-09|3|Europe,Europe,Europe 2017-12-03|2|Asia,Asia 2017-12-03|2|Europe,Europe *GENESIS

Task 1: SQL queries



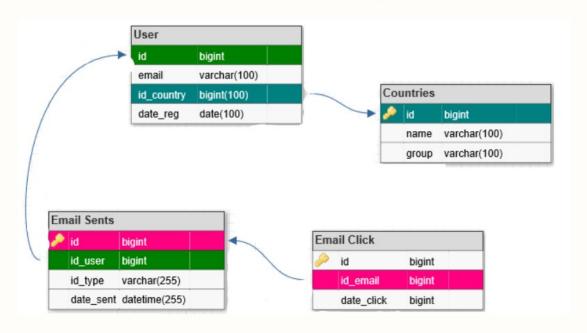
CTR of different types of letters by day:

Type email	Count (sent emails)	Count (clicked emails)	CTR
А	100	25	25,00%
В	50	5	10,00%

Example of calculation CTR

- Code -

Task 1: SQL queries



The percentage of letters clicked within 10 minutes after sending, by type of letters; for the last 7 days;

```
SELECT id_type, (SELECT 1.0*count(*)

FROM email_sents, email_click

WHERE

email_sents.id = email_click.id_email AND

date_click > DATE('2016','-7 day') AND

date_sent between

(date_click - '-00:07:00') AND (date_click)

GROUP BY id_type)

/ count(*) * 100.0

FROM email_sents

GROUP BY id_type;
```