

CEU DSD

Continuing SQL

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GROUP BY

birdstrikes

63 different
states

123 rows

all columns, 1
state

state, max(cost)

63 different
small tables

...

1000 rows

all columns, 1
state

state, max(cost)

state 1

max(cost) from state1

state 2

max(cost) from state2

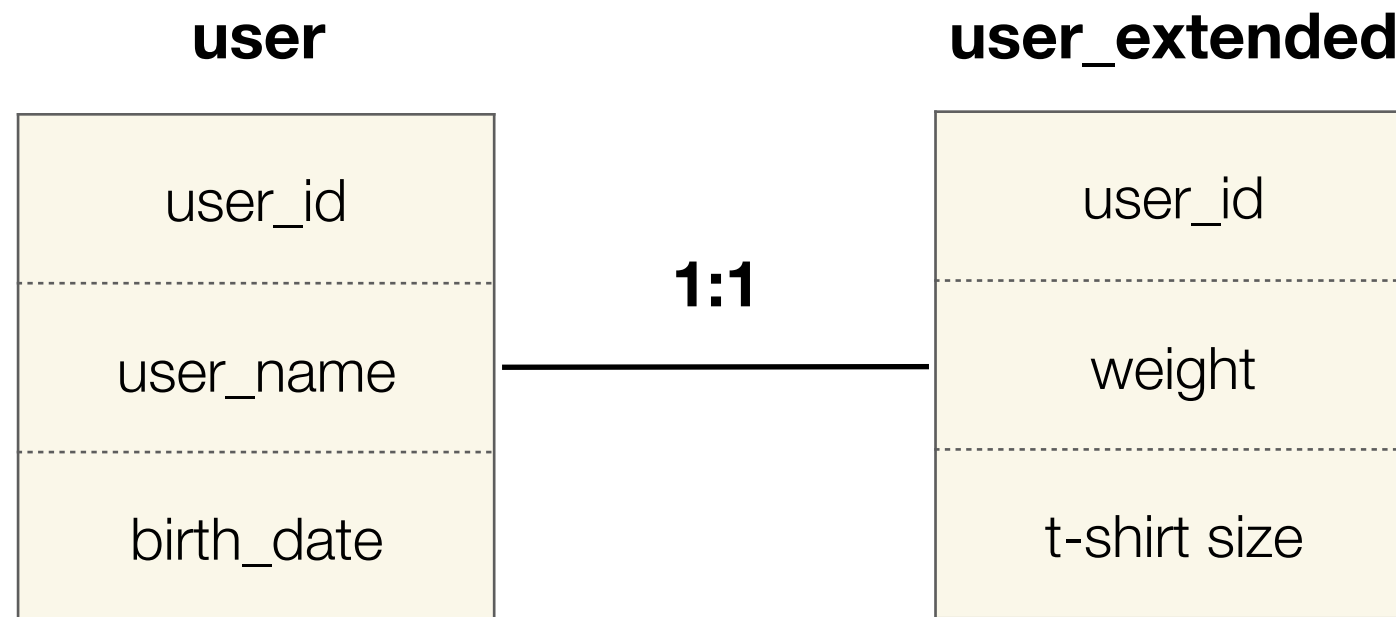
state 3

max(cost) from state3

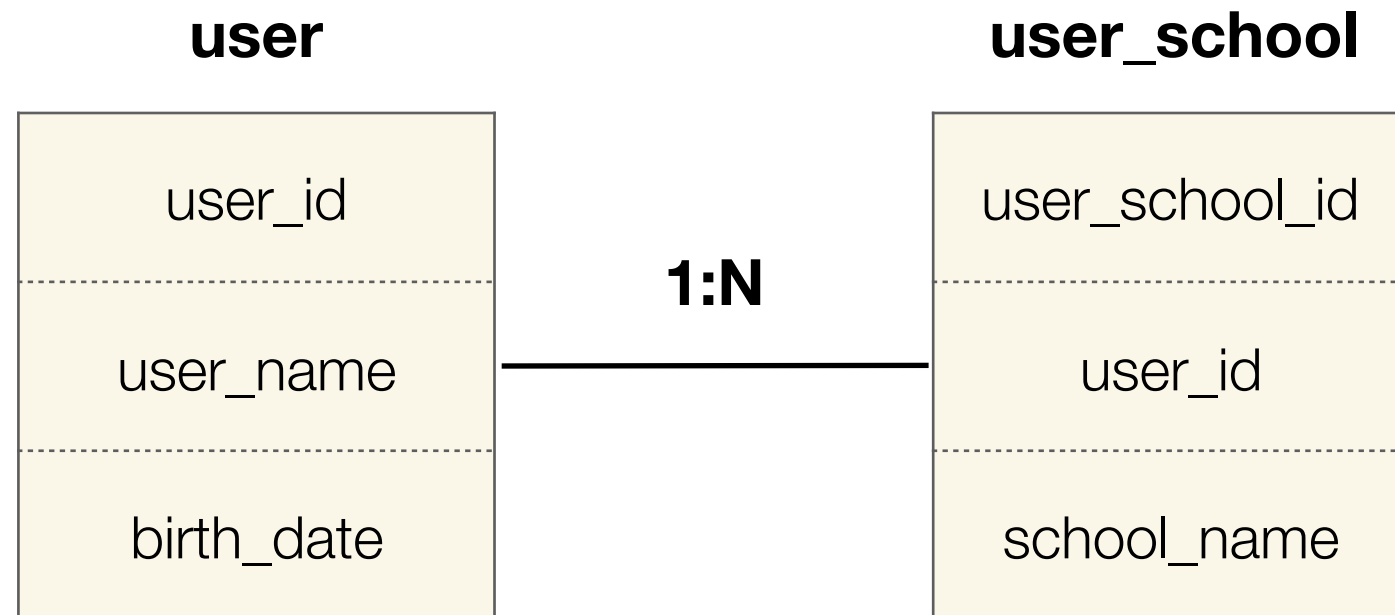
state 63

max(cost) from state 63

1:1, 1:N, N:N

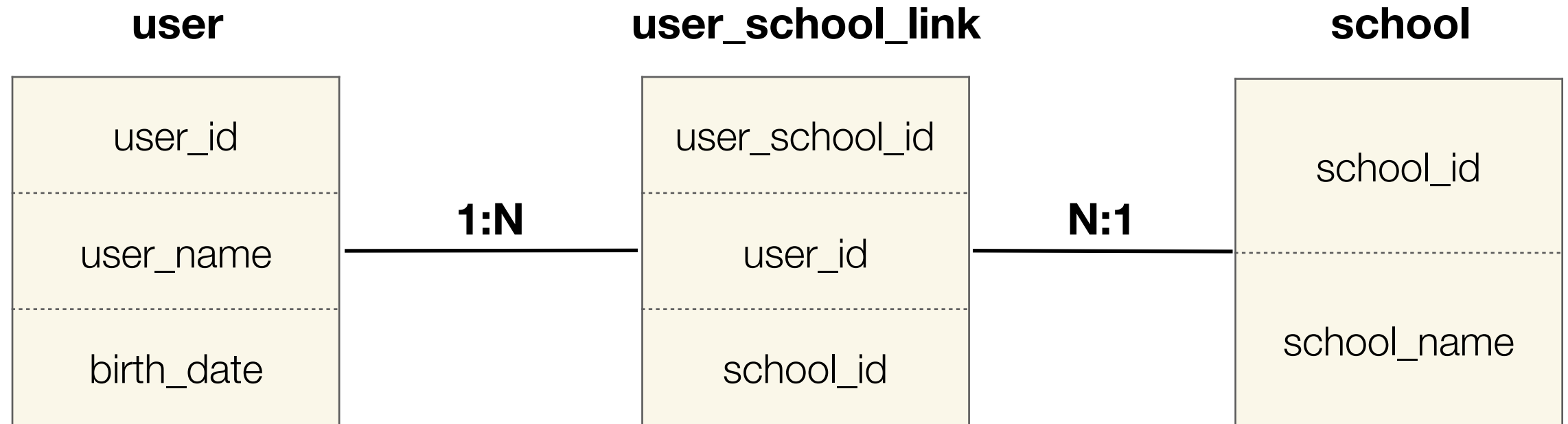


1:1, 1:N, N:N



user_school_id	user_id	school_name
1	1	CEU
2	1	Corvinus
3	2	CEU

1:1, 1:N, N:N



user_school_id	user_id	school_id
1	1	1
2	1	2
3	2	1

Example N:N relationship

User

UserId	FirstName	LastName
1	Donald	Trump
2	Barack	Obama
3	George W	Bush
4	Bill	Clinton
5	George W H	Bush
6	Laszlo	Sallo
7	Szilveszter	Molnar

Group

GroupId	GroupName
1	USA President
2	EPAM
3	CEU

Membership

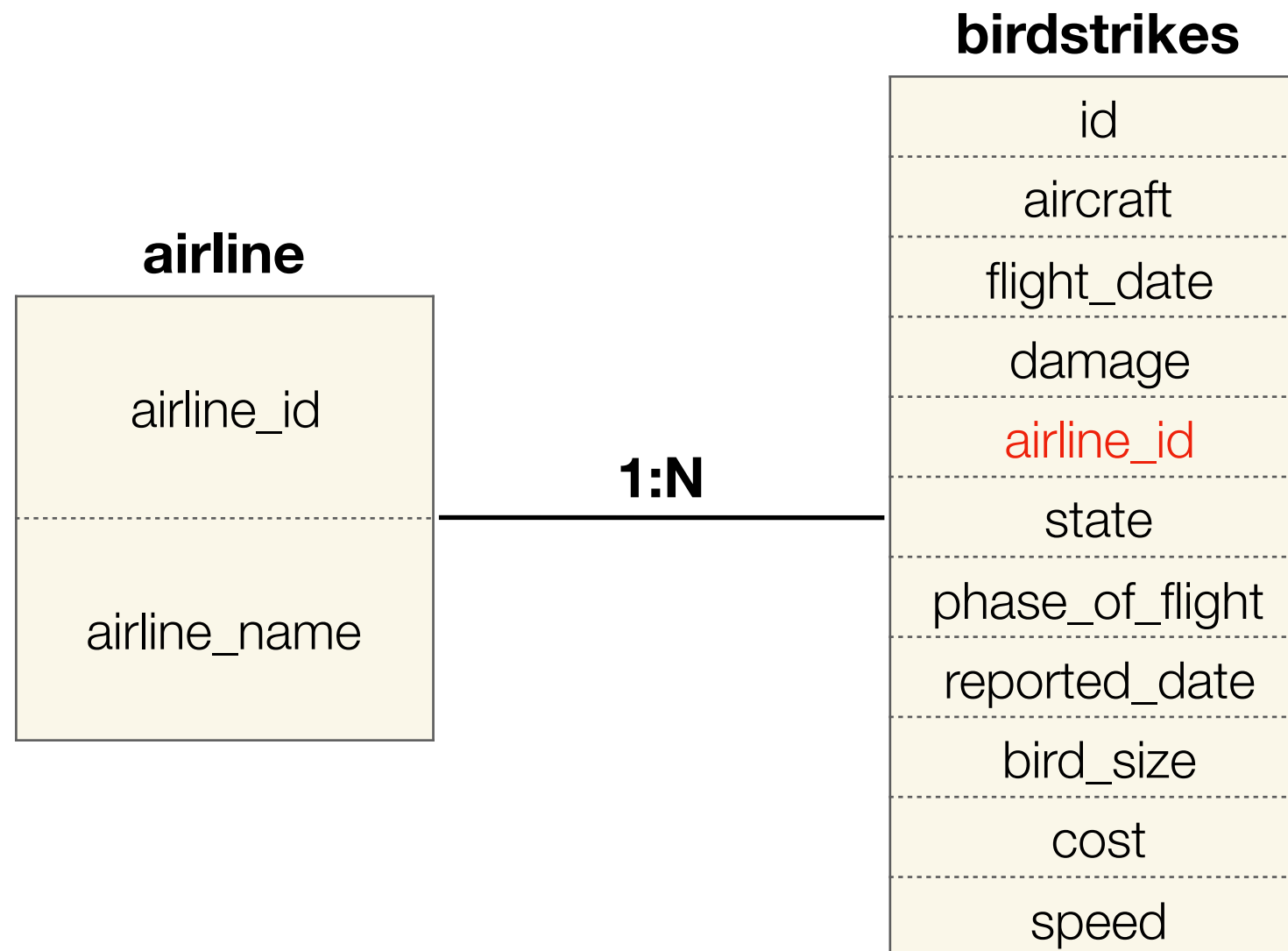
ID	UserId	GroupId
1	1	1
2	2	1
3	3	1
4	4	1
5	5	1
6	6	2
7	6	3
8	7	2
9	7	3
10	7	1

;)

Useful URLs

- Exercise platform: <http://ceudsd.net>
- Exercises will be published here: <http://bit.ly/ceudsd-git>
- Slack group: <http://bit.ly/ceudsd-slack>

Homework



Note: for additional info check the homework description.

Prepare for next class

- CEU Wifi
- ***putty*** program for Windows
 - short link provided: <http://bit.ly/ceudsd-putty>
 - original website: <http://www.putty.org>
- ***ssh*** on Mac