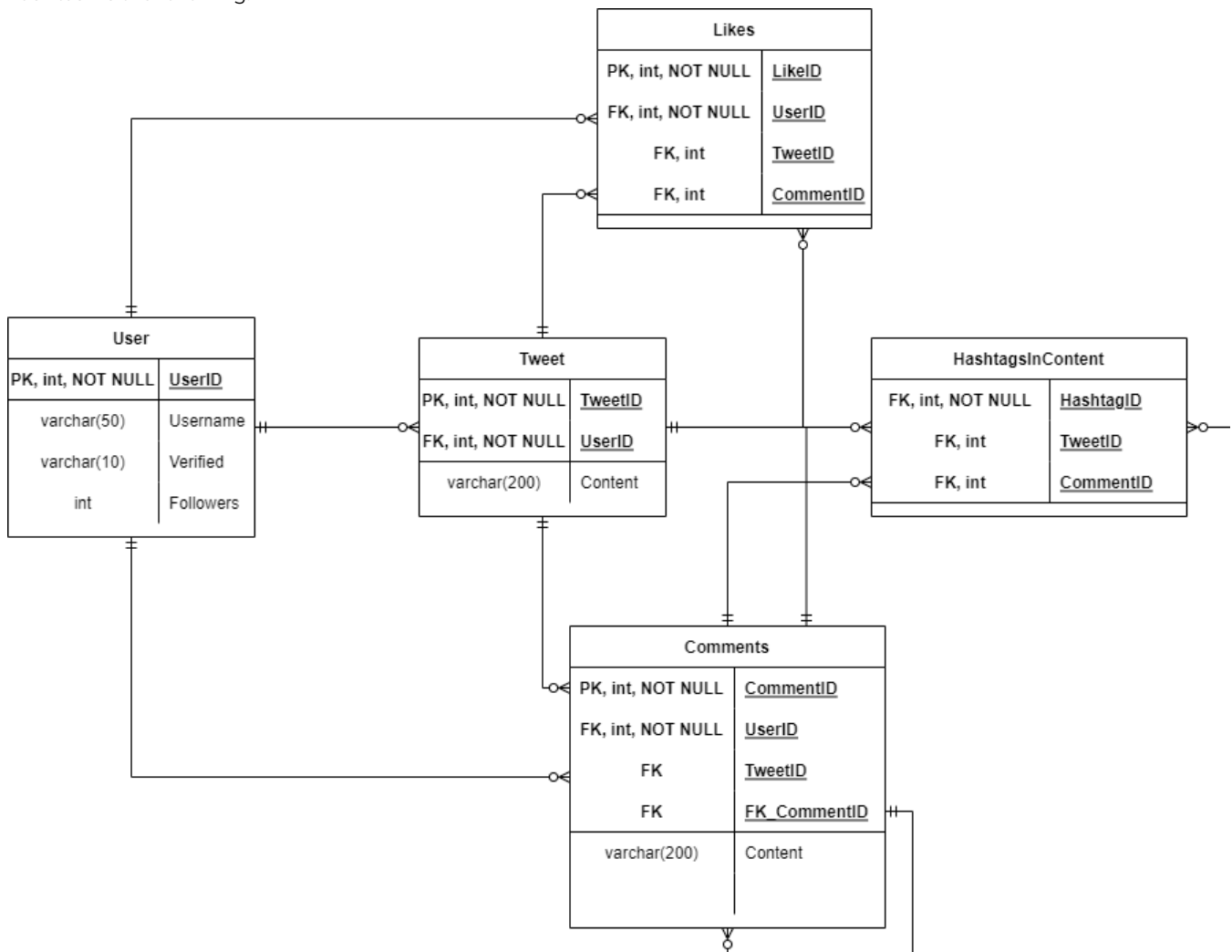


CT60A4304 Basics of database systems - Luento-opetus Lappeenranta 16.1.2023-3.3.2023

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Homework 3 instructions, 11 % in total

Your task is the following:



Remember to use PRIMARY KEY and FOREIGN KEY constraints.

1. (1 %) Create an SQL database using the data model above
(NOTE, you have to submit all CREATE TABLE commands)
2. (2 %) Create INSERT commands to insert the data given in the excel file within Topic 4 -section.
(NOTE, you have to submit all CREATE TABLE commands as well)
3. (1 %) Add ON DELETE CASCADE to all foreign key constraints.

(NOTE, you have to submit all CREATE TABLE commands as well)

----- After this point, you do not need to (nor should you) submit the CREATE TABLE or INSERT commands -----
--

4. (2 %) Create a view **Comments_of_comments** that shows only comments associated with other comments in the following format and order the results by username:
|User|Comment| Commented on |
5. (2 %) Create a trigger **hashtag_not_allowed** that triggers before data is inserted into Hashtag- table. The trigger should raise an abort printing "Mayonnaise detected!" when hashtag content has the word **mayonnaise**
6. (2 %) Create a view **Tweets_and_tags** that shows all hashtags with the associated Tweet in the following format and order the results by username:
|User|Tweet| Hashtag|

Last modified: Wednesday, 25 January 2023, 7:57 AM

◀ On update, delete,
trigger, view, concat
example

Data for SQL insert
commands for Homework
3 ▶



You are logged in as Jongeun Park (Log out)

Data retention summary
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