

Øving 1

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TASK 1

DATA: Known facts that have implicit meaning that can be recorded as entries in a database.

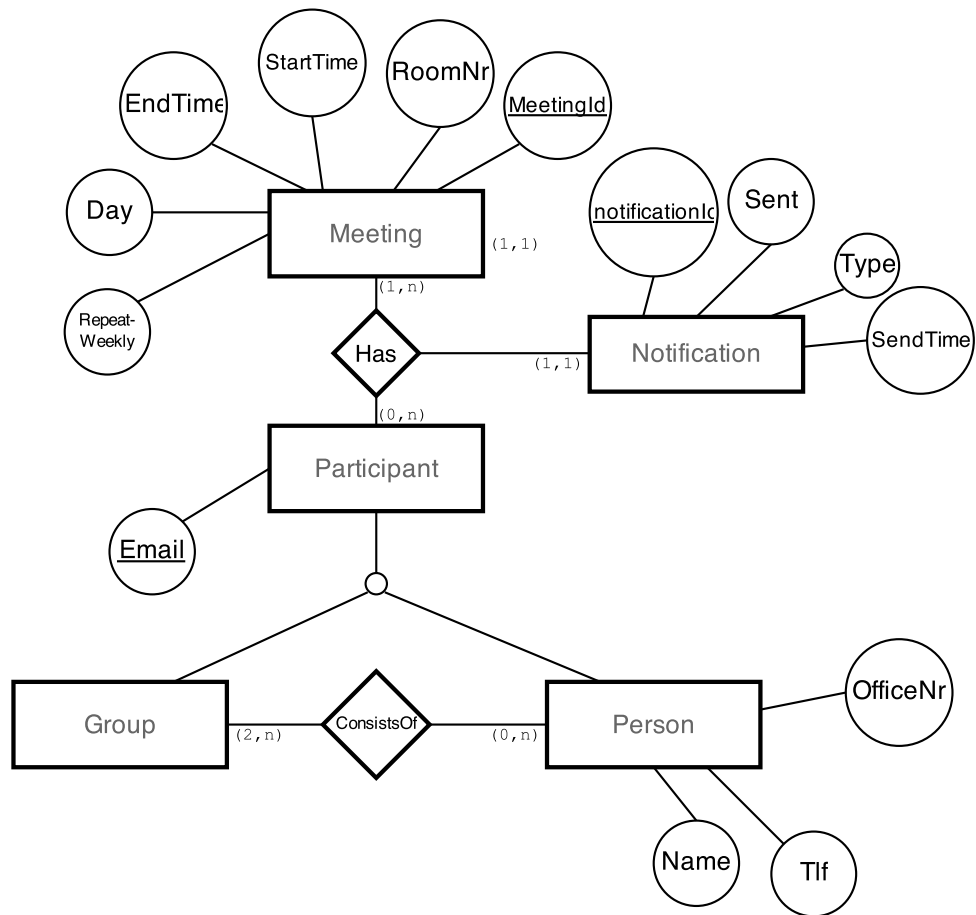
a) DATABASE: A collection of related data.

DATABASE SYSTEM: A program (or collection thereof) that enables users to create and maintain a database.

b) In a traditional file system, data would usually be distributed, instead of centralized. E.g: In a large corporation each local branch would have files on each of their employees, containing info relevant only to that branch. The main branch would also have files on every employee in every local branch, containing possibly only payment info and other HR-related attributes.

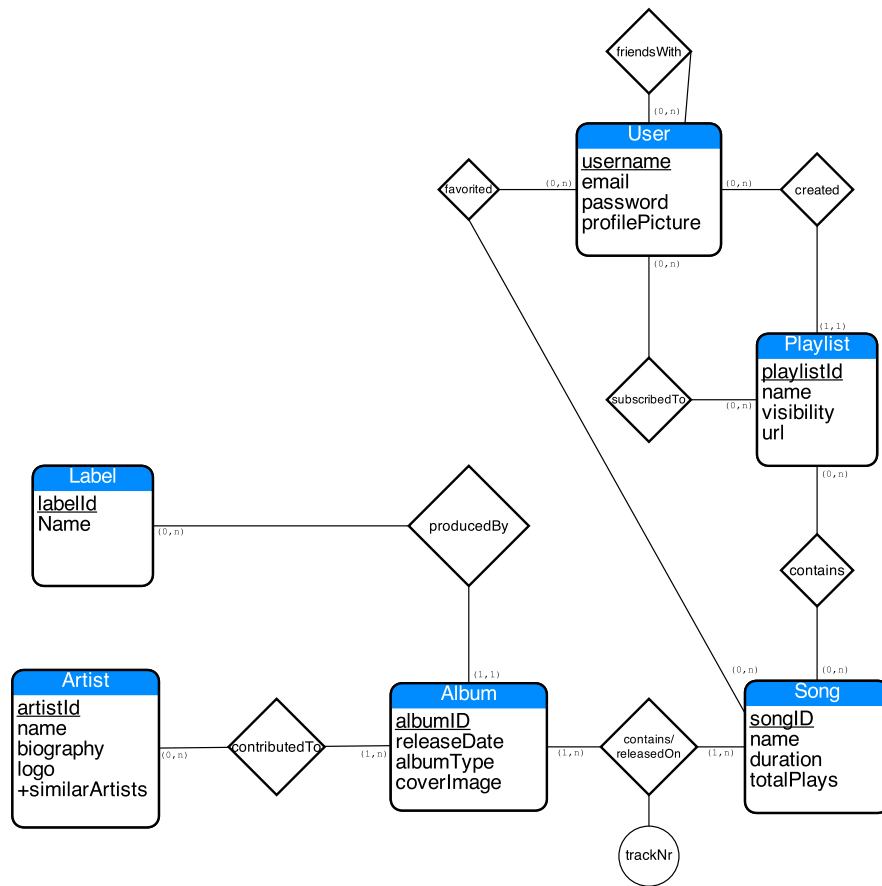
c) A database system would reduce redundancies, and gather data more centralized, enabling the same “files” to be used across applications. Query speed would also be greatly increased.

TASK 2



Figur 0.1: ER model for task 2

TASK 3



TASK 4

