Database Assignment
Database

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Review

Morten's E/R diagram

The relationship of "Person" and "Room/Location" suggests that any person can book a room, this should only be allowed for member. Otherwise, Ok.

Sune's E/R diagram

The "Room" and "Properties" should have an indentifying "has" relationship. Primary keys are not marked. Multiplicity is missing. Member should maybe be a weak entity.

Yevhen´s E/R diagram

"Room" has two parents, which seems to be overkill as it only needs one. Associated entities should have less relations.

Our new E/R diagram

We chose an associative entity for members because it associates persons and society which is needed to ensure membership only reservations. We chose weak entity for rooms/location that reflects ownership by municipality. We chose to the "member" relation optional for both "Person" and "Society" to better reflect that Person doesn't need to be a member of a society and societies doesn't need to have members.