

## HOMEWORK -1-

*Note if you miss the session, your homework must include the extra queries to gain a grade. Homework MUST be handed in via Canvas ONLY in one file representing the entire homework.*

### Homework exercise:

Study the Northshore Hospital case study file available on Canvas

- (a) What do you think are the main objects that need to be represented in the database?
- (b) What relationships do you think exist between these main objects?
- (c) For each of the objects, what details do you think need to be stored in the database?
- (d) ~~. Create an object-relational schema for the case study. Add user-defined functions that you consider appropriate~~

### Extra queries:

Organizations have a vital need for quality information. Discuss how the following database roles relate to each other.

- (a) Data Administrator
- (b) Database Administrator
- (c) Database Designer
- (d) End-Users