

Database conceptual diagram design considerations

Codename: *CoTEC-2020 Segunda Ola: Hospital TECnológico*

Project: *Pandemica - Second Wave*

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- It's important to verify that strong entities only have one primary key. Weak entities can't have primary keys.
- Assign the correct cardinality for every relationship in the diagram. This is important to represent quantities correctly.
- Be careful with 1 to N relationships, because by definition this type of relationship is not bi-directional.
- Represent well how weak and strong entities are shown. You can't make a relationship between two weak entities. The "Bed" entity was chosen as strong.
- Correctly show the presence of derived attributes for an optimal implementation in future designs and final abstraction.