**INFO 6210**

**Lab 1**

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Part I:

A screenshot of a cell phone

Description automatically generated

Part II:

A screenshot of a social media post

Description automatically generated

There are three things to do to ensure the business rules can still be maintained.

1. We want to make original key attributes mandatory which means when a user updated ResultID in Result entity, PatientID, TestID and Date must be updated as well.
2. We need to make referential integrity for the original key attributes, which means when a PatientID or TestID are updated we need to make sure those corresponding data in Patient entity and Test entity are correct.
3. We need to make the combination of original key attributes is unique, for example, we can use a unique index for the combination of the original key attribute.

Part III:

Documents:

A screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated

A close up of a logo

Description automatically generated

Code and calculate result:

A screenshot of a social media post

Description automatically generated

A screenshot of a social media post

Description automatically generated