**DENTAL CLINIC: DBMS**

CPS510\_Group3\_Section2

Assignment 8

Team:

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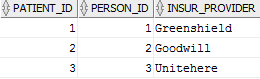
None of the attributes are functionally dependent on the primary key so thus it is in BCNF



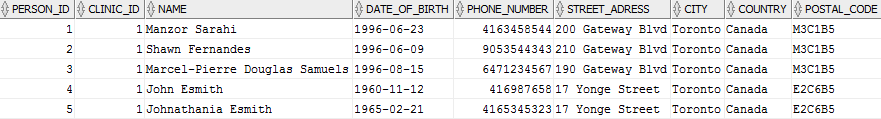
Employee\_ID is dependent on the Dentist\_ID and since Employee\_ID is a candidate key for this table it is in BCNF



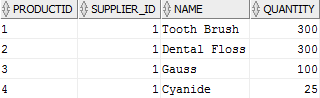
Person\_ID is dependent on Employee\_ID and since Person\_ID is a candidate key for this table it is in BCNF



Person\_ID is dependent on Patient\_ID and since Person\_ID is a candidate key for this table it is in BCNF



Clinic\_ID is dependent on Person\_ID and since Clinic\_ID is a candidate key for this table it is in BCNF



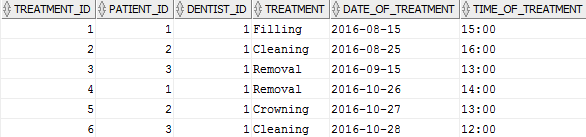
Supplier\_ID and NAME are dependent on Product\_ID and since Supplier\_ID and NAME are candidate keys for this table it is in BCNF



Employee\_ID is dependent on the Reception\_ID and since Employee\_ID is a candidate key for this table it is in BCNF



Company\_Name is dependent on the Suppler\_ID and since Company\_Name is a candidate key for this table it is in BCNF



None of the attributes are functionally dependent on the primary key so thus it is in BCNF