

10.8 Lab 10 - Create a Physical Data Model

Objective

1. Use a data modeling tool such as `pgmodeler` or Toad Data Modeler to create a Physical Data Model
2. Annotate and document the model
3. Export the data model to a `.png` or `.pdf` format

Submission

Upload the data model to LMS. A link is provided for upload.

Requirements

Use the model shown below as a reference when creating your model.

Procedure

Using the modeling software is simple. After knowing the features you need, you will be able to navigate your way in the button tile. Your first diagram will take a bit longer, subsequent ones will be quicker. Do not create the associative entity, choosing the `m:n` relationship and then converting this relationship will automatically create it. Use the `stamp` object to document the model.

Rubric - Physical ERD Winter 2021

Sr No	Requirement	Maximum	Earned
1	Text Box Inserted. Correct details added.	3	
2	Associative Entity correctly resolved from a M:M relationship.	3	
3	Attributes in Student and Course Entities defined.	3	
	Total	9	

Project	CST 8215 Creating a Data Model
Model	PostgreSQL 9.5
Author	Vixen Taar
Company	Algonquin College
Version	1.0
Date of Creation	10/4/2017 08:36
Last Change	10/4/2017 22:11

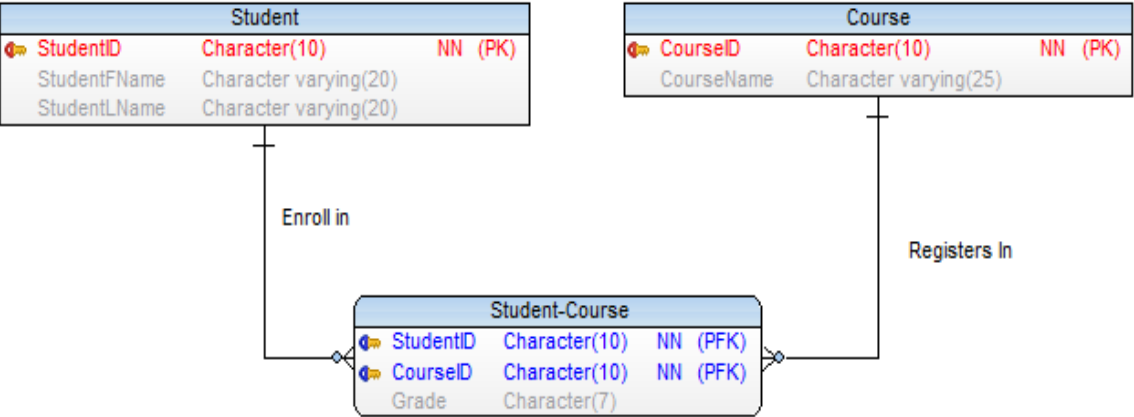


Figure 10.5: Physical ERD