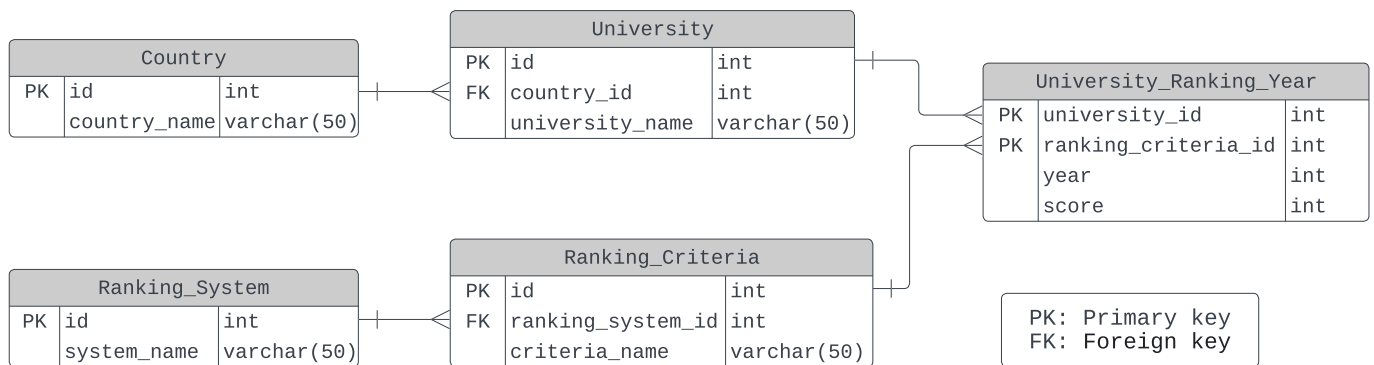# DATABASES – WEEK 03

Problem:

Table Explanations:

Let's look at what the tables and columns mean:

Entities	Descriptions
Country	This is a simple list of countries that were in the data set.
University	A list of universities that were ranked in this system. Each university is related to a country
Ranking_System	This contains the different ranking systems used, for example: *World University Rankings*, *Country University Rankings*.
Ranking_Criteria	This table contains the different criteria used in each ranking system, such as *Citations* and *Quality of Education*.
University_Ranking_Year	This table contains the score for each year for each university and ranking criteria.

Write the SQL statements for:

1. Implement the data model in MS SQL Server by transforming classes and relationships from the conceptual data model into a set of tables, including appropriate integrity constraints such as primary keys and foreign keys. (2.5 points)
2. Insert at least five records into each table. (1.5 points)
3. Write SQL queries to retrieve data from the tables in your database. (1.0 point)

Requirements:

For each query, you must reformat the query to be easily readable and understandable by adding appropriate line breaks, indentation, and comments. The query must be formatted in a way that clearly shows the logic and structure of the query and makes it easy to identify the purpose and meaning of each part of the query.

Please ensure that assignment file is submitted in PDF format.

--- The end ---