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Foundations of Database

Assignment 06

**Explain the Purpose of View, Function, and Stored Procedure**

**Introduction**

In this document, I will be answering two questions:

1. Explain when you would use a SQL View.
2. Explain what the differences and similarities between a View, Function, and Stored Procedure are.

Explain when you would use a SQL View.

SQL VIEW is used to retrieve complex SELECT statement queries stored in the database for simple reporting purposes.

Explain what the differences and similarities between a View, Function, and Stored Procedure are.

The VIEW is the most fundamental; however, FUNCTION, and STORED PROCEDURE have their unique advantages. In a FUNCTION, you can use parameters, which are especially useful for scalar functions. In a STORED PROCEDURE, you can use other statements besides the SELECT. These functionalities provide added flexibility.

**Summary**

Once you have figured out the script that generates the desired outcome, the VIEW and others provide a shortcut to executing the script. This increases data utility.

**Citations**

* University of Washington IT Foundations 130 Modules