**Assignment 5**

**Sis Procedures Diagrams**

Dbo.Login

Imagen que contiene Polígono

Descripción generada automáticamente

Dbo.Authenticate

Texto

Descripción generada automáticamente

Dbo.RemeberLogin

Icono

Descripción generada automáticamente con confianza baja

Dbo.LogError

Interfaz de usuario gráfica, Aplicación

Descripción generada automáticamente

Dbo.LogWarning

Interfaz de usuario gráfica, Aplicación

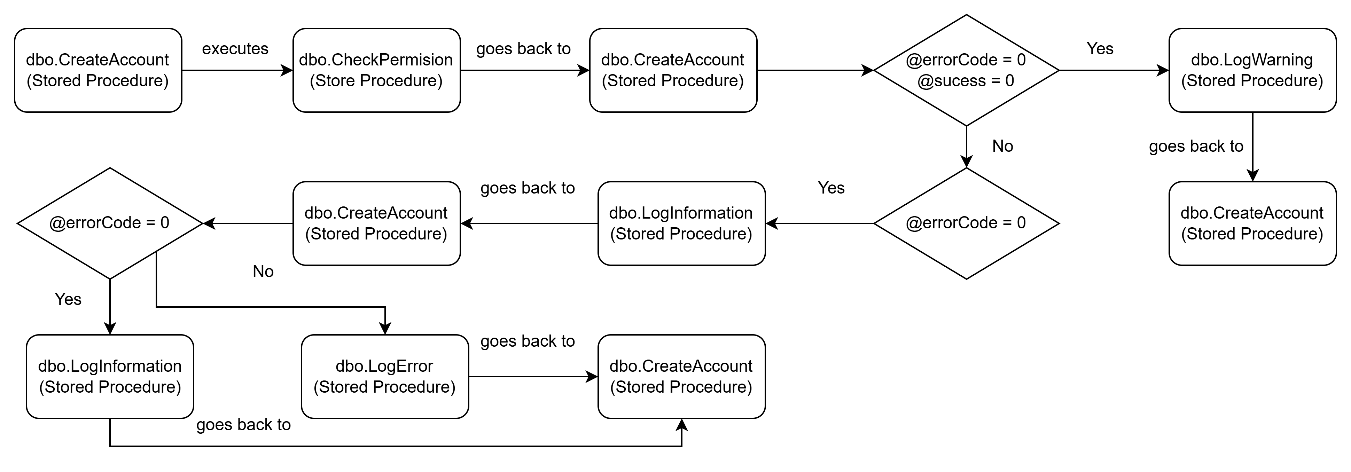
Descripción generada automáticamente

Dbo.LogInformation

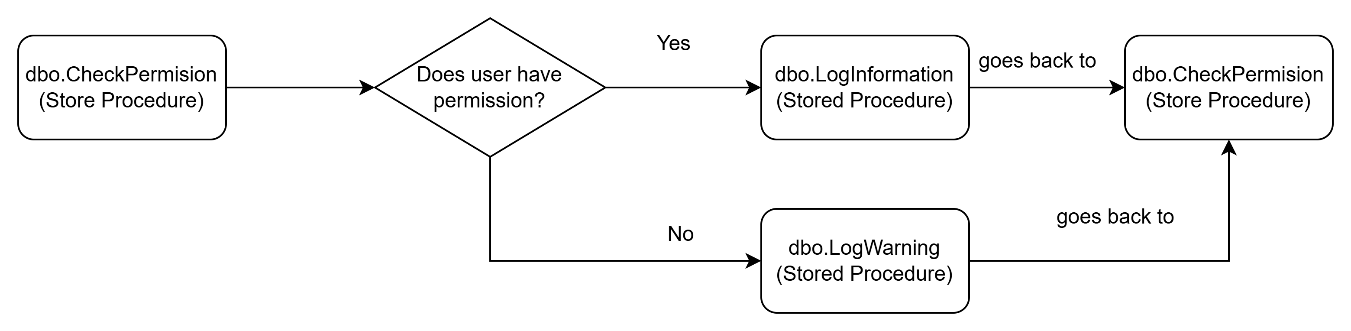
**Interfaz de usuario gráfica, Texto, Aplicación

Descripción generada automáticamente**

Dbo.CreateAccount



Dbo.CheckPermision



Dbo.RetrieveLoggedUser

Texto

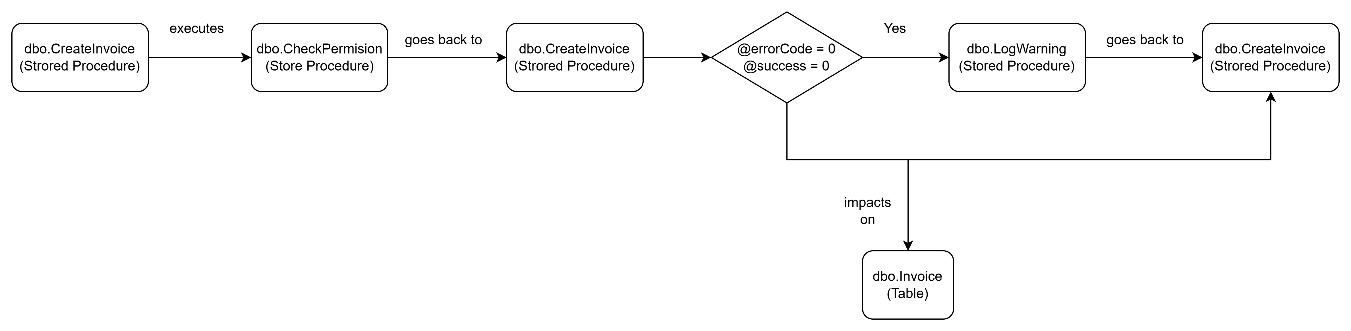
Descripción generada automáticamente con confianza media

Dbo.CreateCustomErrorMessage

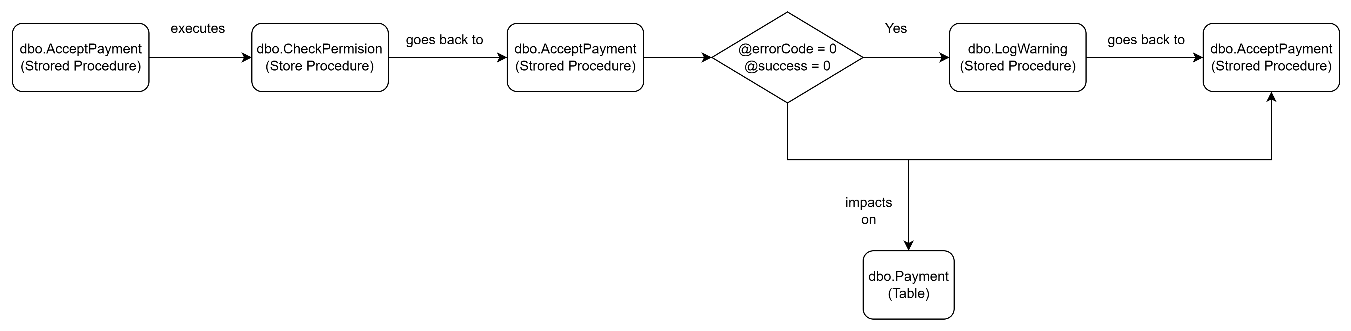
Texto

Descripción generada automáticamente con confianza media

Dbo.CreateInvoice



Dbo.AcceptPayment



Dbo.AssignRoleToAccount

Interfaz de usuario gráfica, Diagrama, Aplicación

Descripción generada automáticamente con confianza media

Dbo.AuditInvoice

Imagen que contiene Interfaz de usuario gráfica

Descripción generada automáticamente

Dbo.AuditPayment

Imagen que contiene Texto

Descripción generada automáticamente

Dbo.Logout

Imagen que contiene Aplicación

Descripción generada automáticamente

**Business Rules**

1. The user must be able to login.
2. While user is Logged, the login must be remembered.
3. Errors must be logged, with an error category.
4. Every answer of any procedure must be logged.
5. Answers must be logged with a category according to its success.
6. The user must be able to create an account.
7. The user that is creating an account must have permission to do it.
8. In case the user has the permission to do it, the account will be created and the answer of the creation logged. Otherwise, the error must be logged.
9. Logged in user may be able to assign a role to another user if he has the permission to do it.
10. The user must be able to accept payments if the user has the right to do it.
11. All invoices must be audited.
12. All payments must be audited.
13. The user may create invoices if he has the right.
14. The user can export the data of selected employees in csv file.
15. The user must be able to log out.