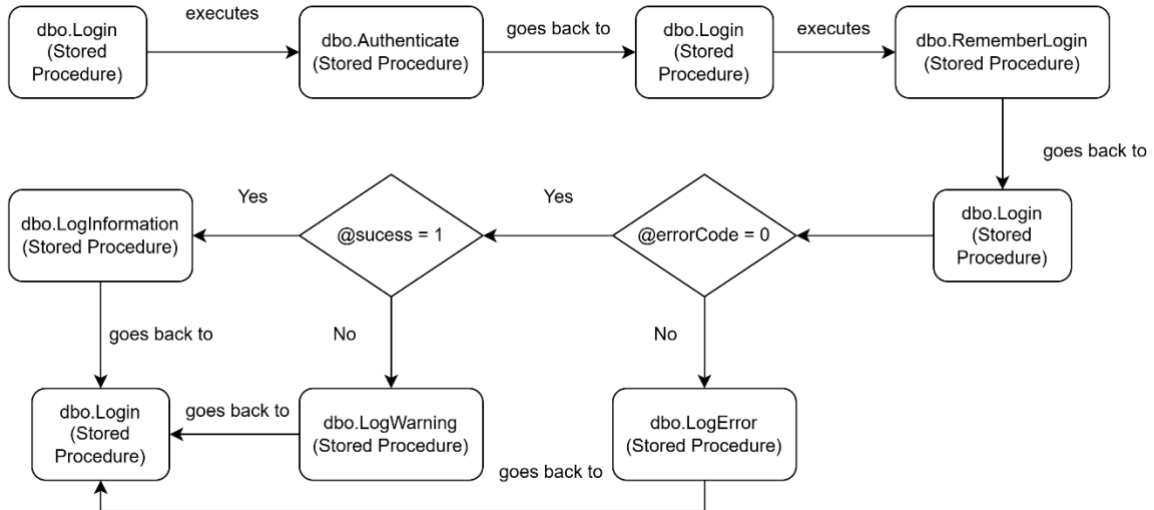


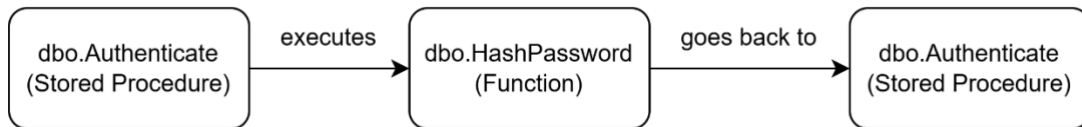
Assignment 5

Sis Procedures Diagrams

Dbo.Login



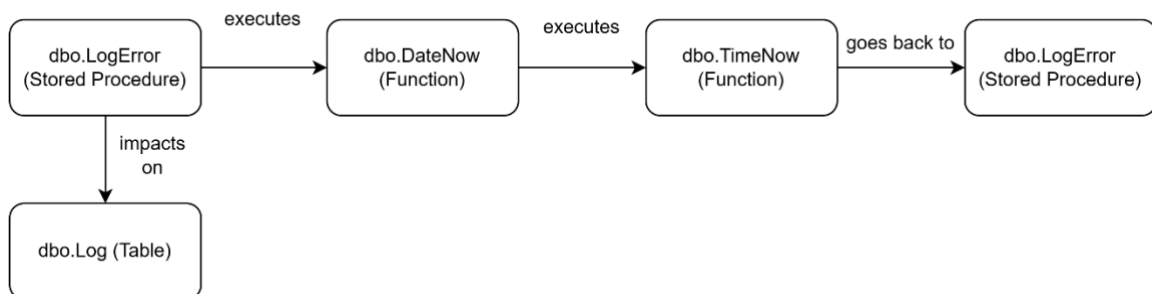
Dbo.Authenticate



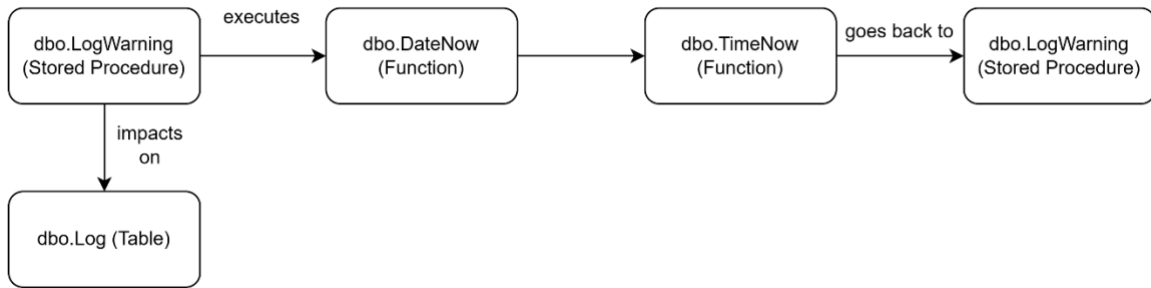
Dbo.RemeberLogin



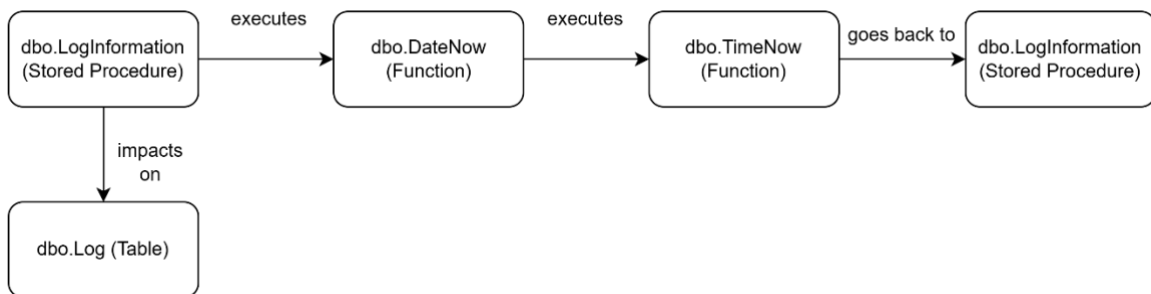
Dbo.LogError



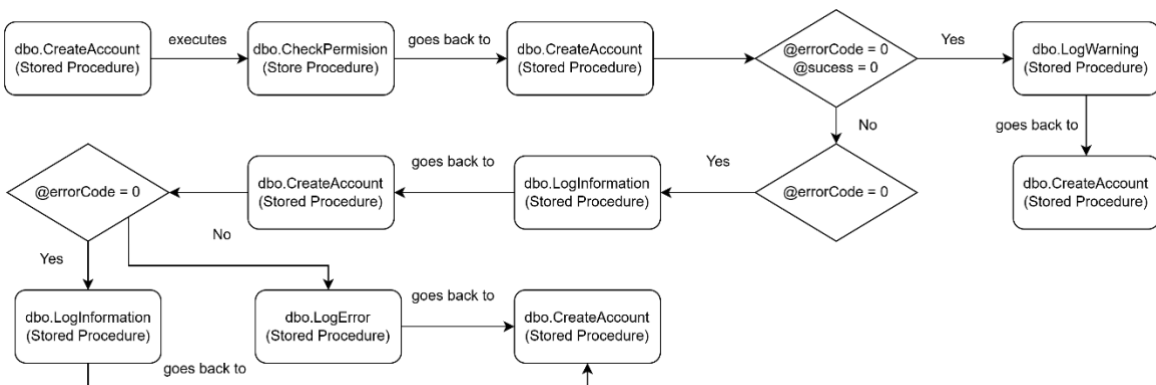
Dbo.LogWarning



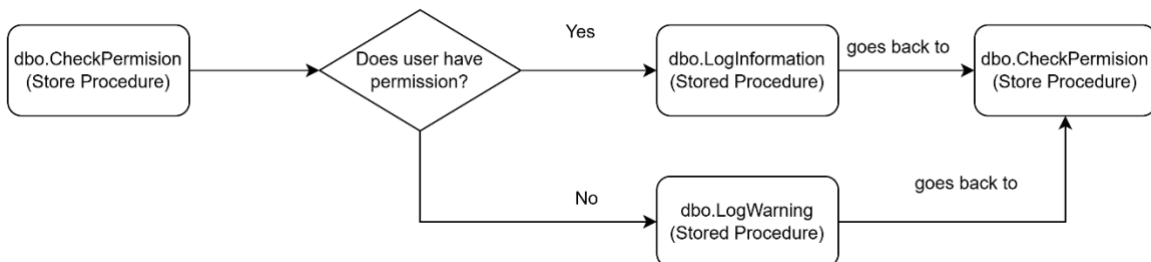
Dbo.LogInformation



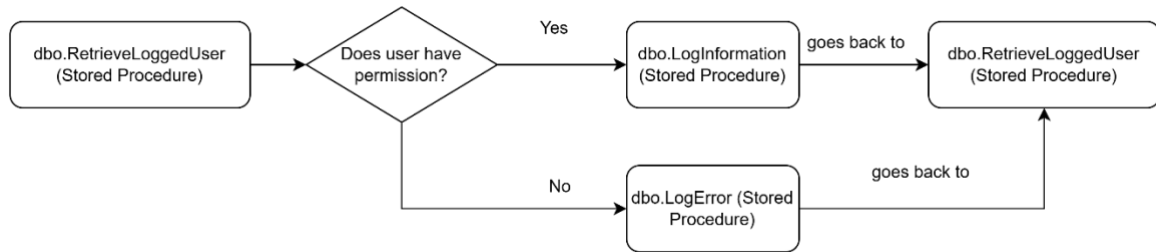
Dbo.CreateAccount



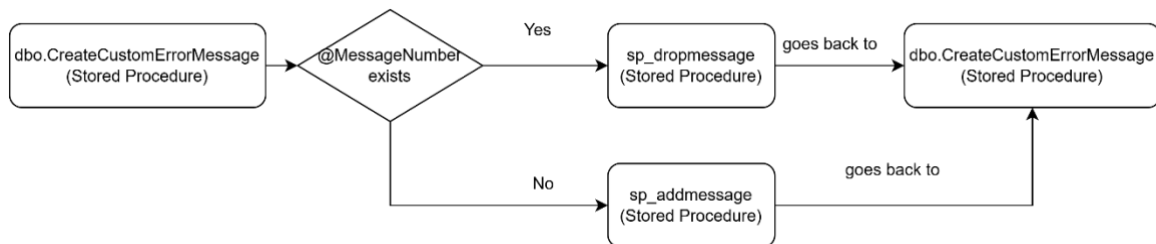
Dbo.CheckPermission



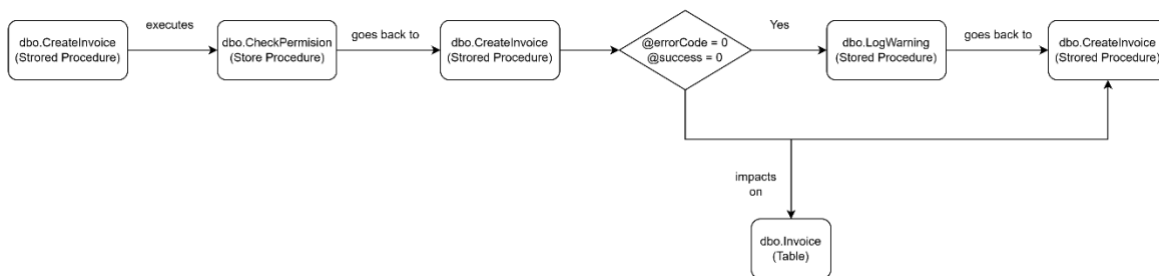
Dbo.RetrieveLoggedUser



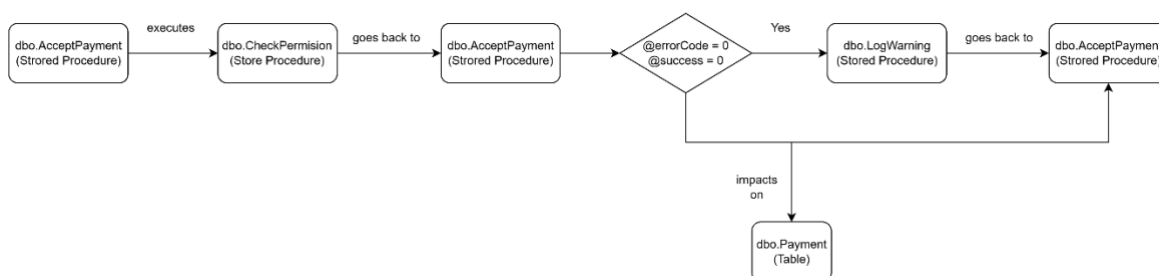
Dbo.CreateCustomErrorMessage



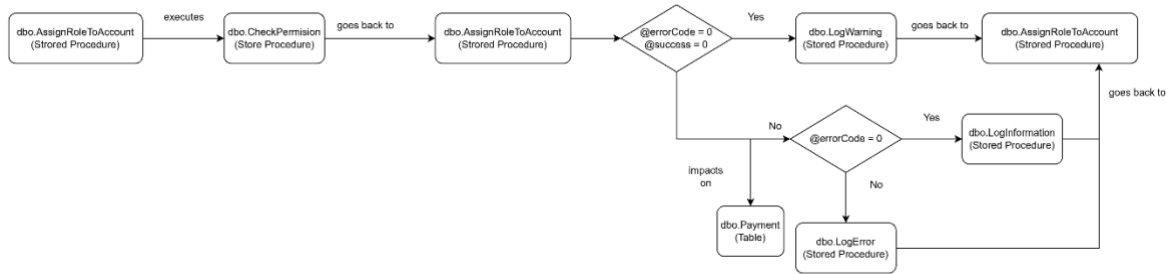
Dbo.CreateInvoice



Dbo.AcceptPayment



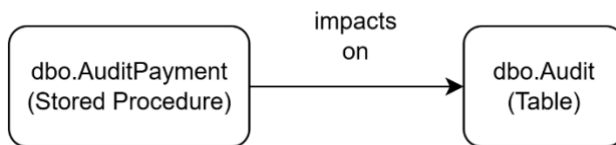
Dbo.AssignRoleToAccount



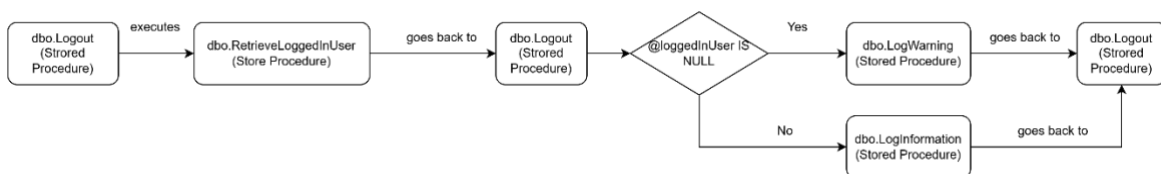
Dbo.AuditInvoice



Dbo.AuditPayment



Dbo.Logout



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.