Log Low Level:BitOHealth

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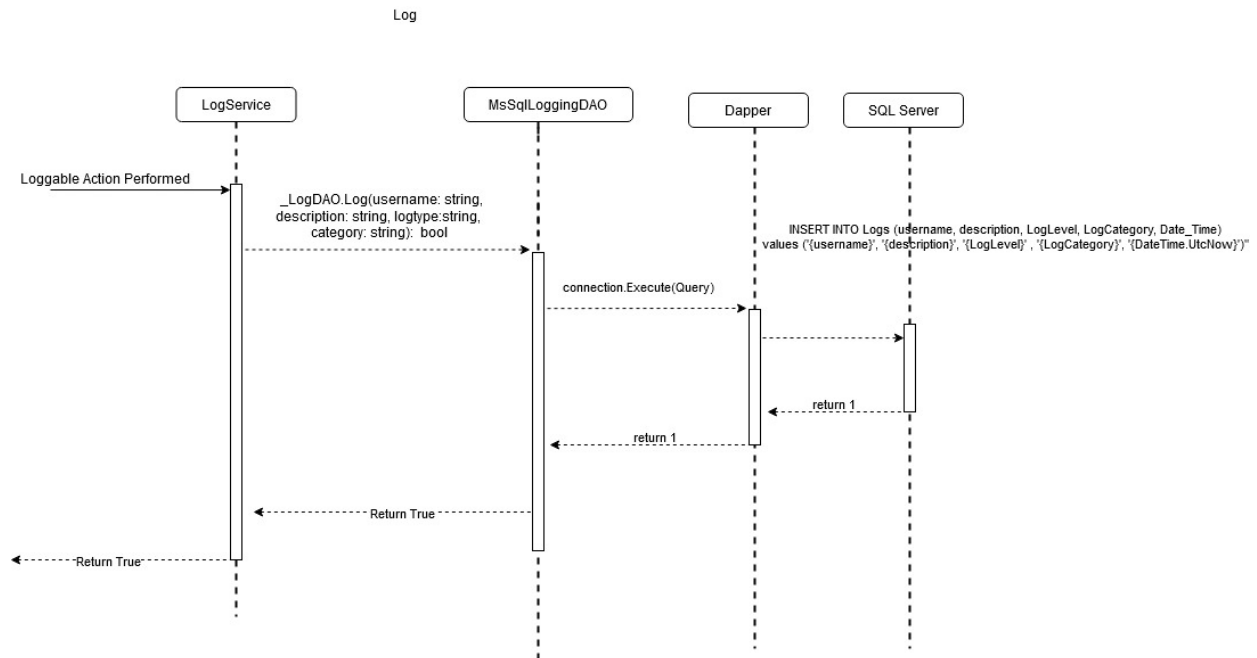
1. Logging

1.1 Successful Log Scenario

Precondition:
Loggable Action must occur
A SQL Server data store is connected

Log

LogService	MsSqlLoggingDAO	Dapper	SQL Server

Loggable Action Performed

_LogDAO.Log(username: string, description: string, logtype:string, category: string): bool

INSERT INTO Logs (username, description, LogLevel, LogCategory, Date_Time)
values ('{username}', '{description}', '{LogLevel}' , '{LogCategory}', '{DateTime.UtcNow}')"

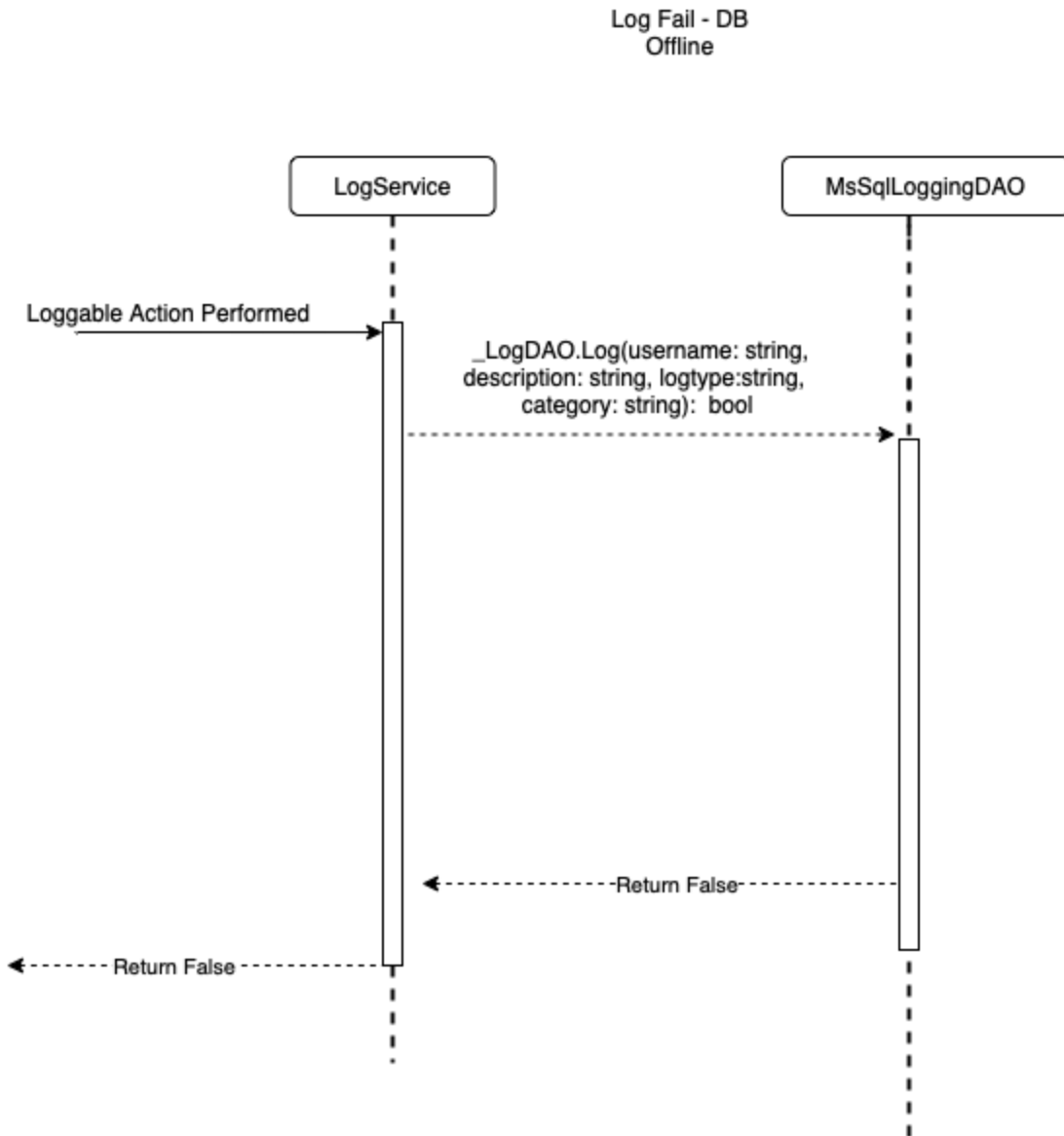connection.Execute(Query)

return 1

return 1

Return True

Return True

1.2 Failure Log Scenario Database Offline

Precondition:
 Loggable Action must occur
A SQL Server data store is offline

Log Fail - DB
Offline

LogService   MsSqlLoggingDAO

Loggable Action Performed

_LogDAO.Log(username: string,
description: string, logtype:string,
category: string): bool

----------Return False----------

------Return False------

1.2 Failure Log Scenario Database Error

Precondition:
 Loggable Action must occur
A SQL Server data store is full

Log Fail - DB
Error

LogService   MsSqlLoggingDAO   Dapper   SQL Server

Loggable Action Performed

_LogDAO.Log(username: string,
description: string, logtype:string,
category: string): bool

connection.Execute(Query)

INSERT INTO Logs (username, description, LogLevel, LogCategory, Date_Time)
values ('{username}', '{description}', '{LogLevel}' , '{LogCategory}', '{DateTime.UtcNow}')"

return -2

return -2

Return False

Return False