NGCB Optimization and Data Retention Plan for Jan 2020 – Created by Yoku and Christopher

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**A. Objective**

1. To minimize the processing time of Time keeping execution

2. Data Retention from previous 6 months up today of Employee daily schedule

3. Data Retention from previous 6 months up today of Employee Attendance Log

**B. Task Needed to be Done**

1. Implement:

Historical Table Data / Creation of

\*tEmployeeDailySchedule\_Detail\_History

\*tEmployeeDailySchedule\_History

\*tEmployeeAttendanceLog\_History

\*tAttendance

2. ReCluster of

#tEmployeeAttendanceLog\_Transaction

#tEmployeeAttendanceLog

/ from ID to DateTime Asc

3. Remove white spaces and rename select statement from tTable to dbo.tTable

of TK Processing procedures

4. Data compression for Historical and Main table

5. Creation of Transactional Table for TK Processing and once processing done

insert it back to Original TK table/\*

Transaction Table Creation

tEmployeeAttendanceLog\_Transaction

tEmployeeDailySchedule\_Detail\_Transaction

tEmployeeDailySchedule\_Transaction

\*/

Conclusion: Can reduce TK Processsing execution time up to 50%

