Intro To Table Versioning

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Inserting all the rows from my Patient table to my temporal Table

Note: Since all the rows till Patient\_No 100 are inserted at the same time from Patient table to Temporal table

all these rows are stored with the same value in Valid\_From column in temporal table

Graphical user interface, text, application, email

Description automatically generated



Inserting New Row with Patient\_ no 101 in both temporal table and Patient table

Note: Since the Patient\_No 101 is inserted in temporal table after inserting the records till Patient\_No 100 at a time from

Patient table this new row is saved with a different time in ValidFrom column (all previous rows till Patient No

100 are stored with same value in ValidFrom Column). Further no date and time are recorded in Patient\_Table.

A screenshot of a computer

Description automatically generated with medium confidence

Has same columns as Temporal table



Optimized File Group Optimized\_FG and my File Optimized\_Data.ndf added to Optimized FileGroup

Graphical user interface, application

Description automatically generated



Commands Used



ALTER DATABASE Hospital\_VenkataRekkala ADD FILEGROUP [Optimized\_FG] CONTAINS MEMORY\_OPTIMIZED\_DATA

ALTER DATABASE Hospital\_VenkataRekkala ADD FILE (NAME = N'Optimized\_Data', FILENAME =

N'C:\Program Files\Microsoft SQL Server\MSSQL15.MSSQLSERVER\MSSQL\Data\Optimized\_Data.ndf') TO FILEGROUP

Optimized\_FG

ALTER DATABASE Hospital\_VenkataRekkala SET MEMORY\_OPTIMIZED\_ELEVATE\_TO\_SNAPSHOT = ON