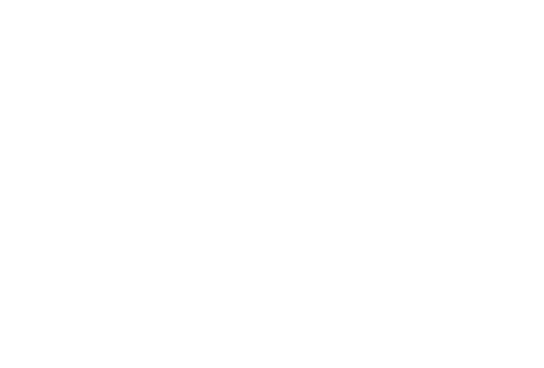


Milgard School of Business, MSBA

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TBANLT 510

MODULE 5-IN CLASS EXERCISE

DIMENSIONALMODELING

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# EXECUTIVE SUMMARY

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## Assignment Tasks

The following tasks were the point of focus for the in-class assignment on dimensional modeling discussed in module 5

1. Make a list of your subjects of analysis (fact tables), a minimum of 2
2. Make a list of dimensions
3. Make a list of facts (fact columns)
4. Use [https://erdplus.com/ (Links to an external site.)](https://erdplus.com/) for data modeling
5. Create a star schema data model (use New Diagram/Star Schema)

# BUSINESS SUBJECT/REQUIREMENT

As the business analyst consultant for the LDO dental office, we would like to measure the following.

## Total Dosage

The dosage administered to the patients is monitored to make sure there is no overdose to any patients and to calculate the future dosage requirements on the procedure performed.

## Total Revenue

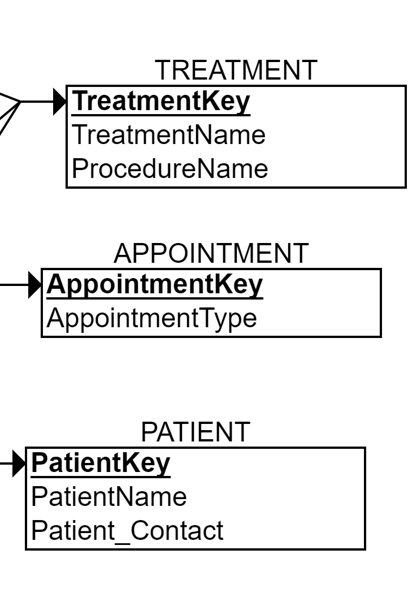
The total revenues of LDO are monitored.

## Total Appointment Duration

The appointment duration is monitored to refine the appointment process and make the operations efficient and effective in utilizing the employees.

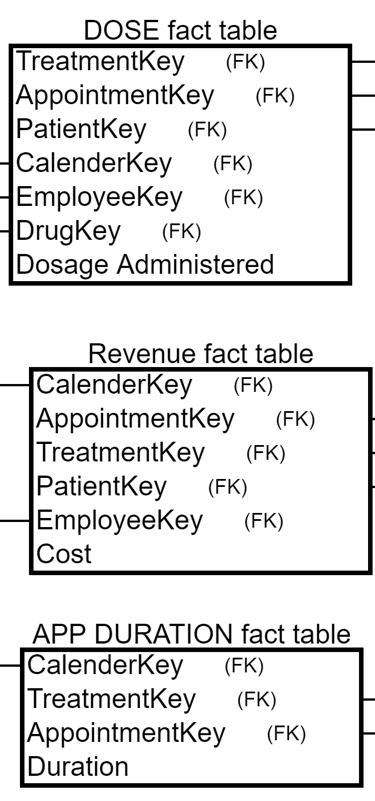
# LIST OF DIMENSIONS

The dimensional tables used are listed below

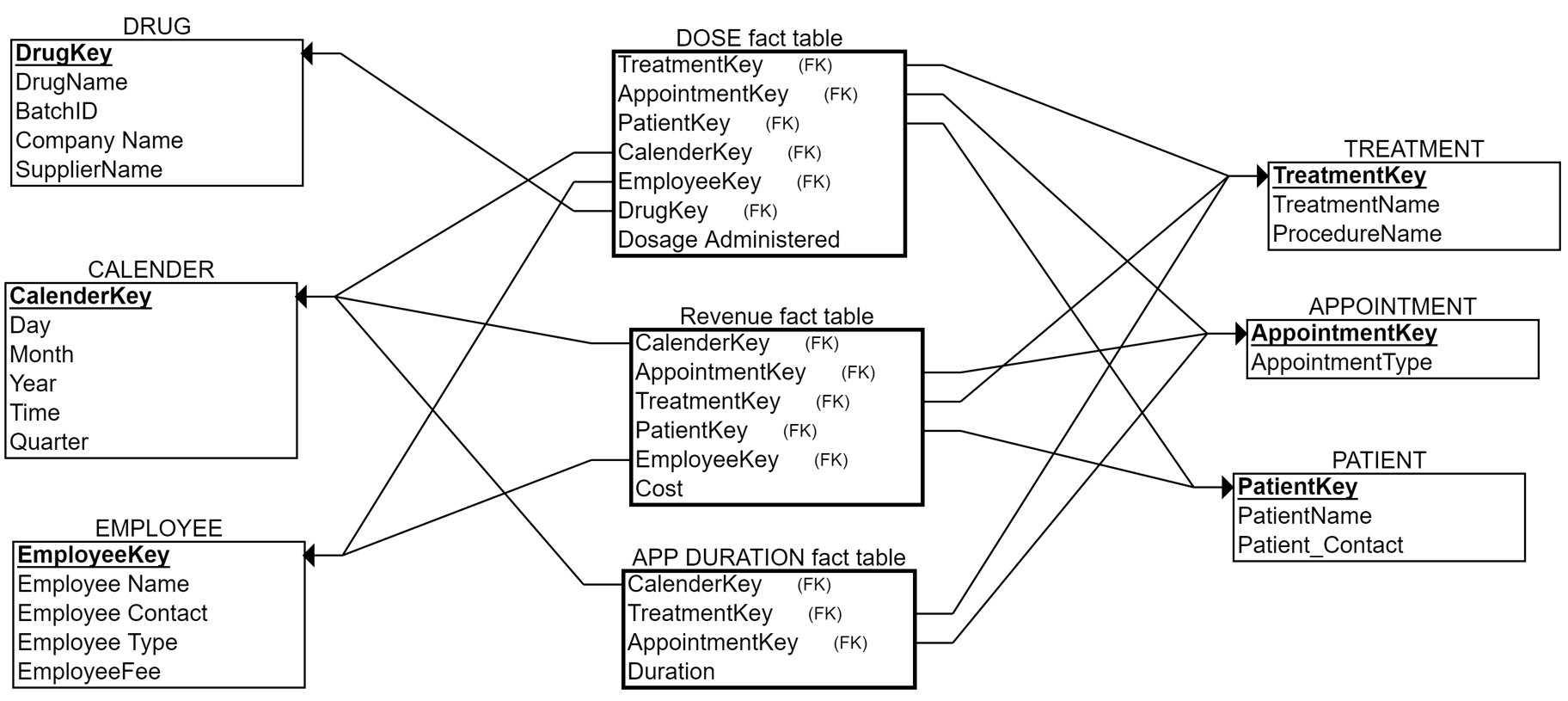
 

# LIST OF FACTS

The three facts used are dosage administered, cost, and duration. the facts tables are listed below.



# DIMENSIONAL MODELING STAR SCHEMA



# APPENDIX - RELATIONAL SCHEMA(ERD-LDO)

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