We have to recreate the star schema db and add new tables & attributes to the db

while tracking our edits (Who made the edit? What was the edit? How long did it take?)

1. First, we need to set up our star schema - we do that using the - FileUpload.OriginallyLoadedData table
2. Add additional columns to the schema’s tables (divided up amongst the group)
3. For every table’s primary keys, we need to replace each table’s identity keys with sequence objects (slide 2, point 5)
4. Add 4 new tables (divided up, amongst the group)
   1. Process.WorkflowSteps
   2. DbSecurity.UserAuthorization
   3. [CH01-01-Dimension].[DimProductCategory]
   4. [CH01-01-Dimension].[DimProductSubcategory]
5. To add these 4 tables we’re going to write stored procedures called Process.usp\_TrackWorkFlow (slide 3, points 8-10)
   1. A stored procedure is similar to that query code we used to add TSQVL6 onto our local SQL servers. <https://www.w3schools.com/sql/sql_stored_procedures.asp>
   2. On top of the stored procedures that append new tables to the schema. We’re going to create a stored procedure that returns the steps of our TrackWorkFlow procedure called Process.usp\_ShowWorkflowSteps
   3. (Slide 3, point 11), We’ll write queries that will record how long the stored procedure takes to add the tables to the star schemas
      1. I’m still unsure what he means by, “What was the total execution time of each group member”. Maybe someone can clarify?
6. Our Final Database will be saved in a working group database called “GClassTime\_Group Number”

Example: G9\_2 for Group 9:15\_ Group 2. It must work correctly as your two MP4 presentations demonstrate.

1. 3 Powerpoint Presentations
   1. Project Overview
      1. A walkthrough of everyone’s responsibilities
      2. Meetings
      3. To-do list
      4. Gantt chart
      5. Project Plan
   2. Project Analysis (From Bullet Point 5 above ^^^) (Voice annotated)
   3. Project Presentation in Real Time (we’ll start and execute our stored procedures in a video mp4 format)
      1. Explain the system lifecycle (More on this later)
      2. Using our JDBC Class library we need to:
         1. Load the star schema using the stored procedure Project2.LoadStarSchema
         2. Execute the stored procedure ShowWorkFlowSteps to show him that the system works.
2. Finishing touches - Final Submission
   1. Use Redgate SQLDoc and generate the complete document as a PDF to be submitted with the VHDX file.
   2. Make sure to order the VHDX file in a logical folder structure for the files used in this project.
   3. All work will be submitted in a VHDX file with the naming convention of Group Name Semester Year ClassTime.vhdx