**Install SQL Server**

**With the help of google, find the links of 2014, 2016, 2017 and 2019 Sql Server Developer edition.**

All the legacy SQLs can be downloaded from here:

https://visualstudio.microsoft.com/dev-essentials/

**Install sql server 2019 (not 2022)**

I will download it doay

**Write notes about the topics:**

Difference between Basic Installation and Custom Installation

What is “zeroing out a new space” mean? What does Instant File Initialization (or INI) mean?

Windows Authentication vs Mixed Mode Authentication

What is “trusted connection = true” in connection string?

What are NT accounts for Sql Server and Sql Server Agent?

What are the minimum permissions of those two NT Accounts?

Database engine (What is it and what is it’s role? In bookish defintion and layman’s term)

Buffer manager (What is it and what is it’s role? In bookish defintion and layman’s term)

Query Optimizer (What is it and what is it’s role? In bookish defintion and layman’s term)

Query Plan (What is it and what is it’s role? In bookish defintion and layman’s term)

Record a video where you would walk me through the architecture the moment someone executes a query. Also, add a real-life reference in explaining each piece of architecture.

What to commit in Github:

Under your name folder, create new folder and name it as Chapter 1.

Post screenshots of the links in a word document. Name it as SqlServerLinks.docx and save it inside Chapter 1.

Post the screenshot of management studio with sql server instance in the same word document.

Post notes for the topics to research about in ArchitectureFlowExplained.docx

Upload the recorded video in youtube as private video and post the link in the Jira task comment box.

Mark it as Peer Review once comitted to Github