

OracleDB: A Brief Introduction to a OracleDB

1. Tutorial like description (18 points) **Brian and Jacob**
 - This part of the project will include a markdown file detailing some of the details below. Our goal for this part of the project is to give people a quick but useful introduction to the basics of Oracle DB. As well as give the people working on this part an understanding of what it takes to set up a lab and learning a new system.
 - **Pts allotted for markdown file writeup contribution**
 - **Brian**
 - Set up of the Oracle DB on linux environment and tools needed to run **6pts(3 each) for learning how to do everything we will have on tutorial/lab**
 - Brief Explanations of OracleDB ideas that may be needed(Background) **2pts**
 - **Jacob 10pts total**
 - Creating a user profile **5pts**
 - A walk through of common commands including:
 - Creating tables, Altering, Deleting, Updating, Trigger **2pts**
 - Explanation of Oracle SQL/PLSQL research **3pts**
2. Distinct Features of Oracle DB (8 points) **Brian**
 - This part of the project will entail a more conceptual based approach where the person working on this will go into the functionality of Oracle DBs distinct features that other DBs might not have.
 - a. Brief Explanations of OracleDB 12c new Multitenant Architecture **4pts for research and markdown file explanation**
 - b. An attempt to look at PL/SQL and using Java OracleDB **4pts**
3. Comparison of Oracle DB (12 points) **Adam**
 - This is an additional informative part of the project that will narrow in on researching key differences between MariaDB and Oracle DB where we will look at:
 - a. Comparisons of DBs
 - i. Pros and Cons of each DB **5pts for analysis comparison**
 - ii. Technical Differences
 - b. What makes Oracle DB so popular **6pts**
 - i. Why to use it?
 - ii. When wouldn't you want to use it
 - c. Write up in markdown file
4. Description of Oracle as a complete system. (12pts) **Philip**

- This part changed to a markdown write up explaining the processes and structures of Oracle 12c which is a very big architecture. Points allotted for research time and writeup.

Who:

- 1) 25 pts split into 13/5 pts
- 2) 8 pts
- 3) 12pts
- 4) 12 pts

Brian 13pts, Jacob 13pts, Adam 12pts, Philip 12pts