**Diary Writing**

**Meet Sheladiya – 19BIT076**

**Assignment – 1**

**DBMS vs. File System**

In this assignment we were supposed to make out the difference between DBMS and File System based on different criteria and provide one real life example of that particular criteria or topic. We divided different topics on which the differences were to be noted, I got Data redundancy and I was able to make out 6 differences on data redundancy between DBMS and File System from the study material and Google. I figured out one real life example based on the differences. We are 6 people in our group, we arranged a meet online and discussed the differences and examples of all the members and it was a great session indeed, I observed different points of views regarding the differences and real-life examples. Our leader compiled the work of all the members and Assignment 1 was completed efficiently. At the end, when the assignment was complete my knowledge of two data systems was significantly increased and team work spirit was increased as well.

**Renish Jagani – 19BIT108**

**Assignment – 1**

**DBMS vs. File System**

So, we got our 1st Assignment and that was to make out the differences between DBMS and File system and to give an example as well. We were 6 people in our group although we knew each other but as we did our discussions for the project and assignment, we got a better understanding of each other. We held a specific meeting for distribution of work and divided 6 topics from a list of topics amongst ourselves and started working on the respective topics to find out the differences. I got the topic of **Data security** which in terms of file system basically means the security of the database, security and protection of confidential information. We decided to go through the study material and also to look on the internet. After a lot of research and reading I listed 4-5 differences between DBMS and File System and also give one example based on data security. After all the members did their job, we decided to have an online meet to further discuss the project and during the meet while discussing with my group members I got 2 more differences. Finally, the compilation work of all the work done by all the members was carried out and our First Assignment was completed perfectly.

**Rishit Samariya – 19BIT109**

**Assignment 1**

**File System vs. DBMS**

This is the assignment in which we had to write the point difference and give an example for each and every point of difference. Exactly our group was able to get in total six points of differences. The point of differences were found out by our group with the help of the ppt shared by sir. Then we had a meeting in which we discussed the point of differences and made each other understand the point of differences. I was able to make the group members understand the topic of the Atomicity Problem in the file system. Even I was able to get an understanding about different points of differences in detail as it was a group activity. I was able to build the concept about the topics. Even at the time of sharing the examples we had discussions and were able to get ideas about more examples and get proper ideas about the examples shared by others. This was a group activity which made me understand different topics with the help of my group members. And I have also given one example each to other differences also due to this I was able to understand the differences of File System and DBMS.

**Rishabh Patel - 19BIT141**

**Assignment – 1**

**File System vs. DBMS**

In assignment - 1 where we would have to write down the limitations of the file system and differentiated into the points and provide an example for each point of difference. Specifically our team managed to complete a total of six different instances. The point of diversity was discovered by our team with the help of study materials shared by the professor. We have been updating things in assignments before uploading and due to constantly learning new things in that topic. After that we had a meeting where we discussed the point of difference and made each one understand the point of difference. I was able to get team members to explain the topic of Data Inconsistency in the file system. Even I was able to gain insight into the various points of diversity in detail as it was a team task. I was able to form an idea about the topics. Even during the sharing sessions we had a discussion and were able to get an idea about the many examples and got the right perspective on the examples shared by others. This was a team activity that made me understand various topics with the help of my team members. I did work on one example of another difference and as a result I have been able to identify the limitations of the File system and how DBMS resolves these limitations.

**Ujash Thakkar – 19BIT142**

**Assignment-1**

**File System vs. DBMS in data isolation**

In this assignment there were so many topics, we have six members in our group so we found 6 topics and distributed them to all the group members. I found the differences from Google and sir’s ppt. My topic was data isolation. I need to understand what data isolation is? how it works and why it is needed so I searched it on Google what is data isolation is after that I see so many video and read some article on data isolation because we all need to understand all our topic very well because after that we had a meeting .Then we had discussion on the topic we select and after discussion we all how thing are related to each other. Before I start, I need to explain those ACID properties. Because they needed to understand properly about that I was able to make the group members understand the topic of the data isolation Problem in the file system. After completing my topic I need to understand how other team members explain their topic because how can I relate with my topic in future assignments. In that discussion some of my team members assisted me on how I can do this work in an efficient way. This was a group activity which made me understand different topics with the help of my group members. And I have also given one example each to other differences also due to this I was able to understand the differences of File System and DBMS.

**Ananya Khandelwal – 19BIT144**

**Assignment – 1**

**DBMS vs. File System**

This was our second assignment after Assignment 0, we are 6 persons in our group and our first assignment was to differentiate between DBMS and File System. We arranged an online meeting and divided the topics to differentiate upon. I got the topic of Data Integrity which basically means accuracy and consistency of the data. I read the study material and spent some time on surfing and finally made out 6 points of difference between the two File Systems and also included the real-life example for better understanding. After everyone completed their respective work, we did an online meet to understand everyone’s topic and how it differs in both the File Systems and I must say it was a session full of fruitful discussion and I significantly increased my knowledge in the area of File system. The work of all the members was compiled and Assignment 1 was ready.