**ARBA MINCH UNIVERSITY**

**FUCULTY OF COMPUTING AND SOFTWARE ENGINERING**

**Fundamentals of Database Systems**

**Group Assignment**

**General instruction for your assignment**

• Use Microsoft Word and then you should convert to PDF format.

• Copying from others will result in total rejection of your assignment.

• Your answers should be to the point and not more than five pages exclude cover page.

• **Use sindutayework@gmail.com**

**• Deadline: - May 27/2022**

Question: - Discuss in detail about each **file organizations** with clear examples, figures, Advantages and Disadvantages.

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| **Group No** | **Topics** |
| **Group 1** | Dense Index |
| **Group 2** | Sparse Index |
| **Group 3** | Multilevel Index |
| **Group 4** | Bucket and Hash Function |
| **Group 5** | Static Hashing |
| **Group 6** | Dynamic Hashing |
| **Group 7** | Hash File Organization and Clustered File Organization |
| **Group 8** | Heap File Organization and Sequential File Organization |