MERN Stack Training
Company: Sensation Software Solutions
Student Name: Gurvinder Singh
Training Duration: 6 Months
Days: 43

Objective of the Day

The objective of Day 43 was to understand **data querying, filtering, and sorting** in MongoDB.

Work Done on Day 43

The trainer explained how MongoDB handles queries efficiently and how developers can fetch only the required data.

Query Operators in MongoDB

The following operators were discussed:

- Comparison operators (`$eq`, `$gt`, `$lt`)
- Logical operators (`$and`, `$or`)
- Projection (selecting specific fields)

The importance of optimized queries was highlighted.

Sorting and Limiting Data

We learned how to:

- Sort data in ascending and descending order
- Limit the number of results
- Skip records

These concepts are important for pagination and performance.

Hands-on Practice

We practiced:

- Writing complex queries
- Filtering data based on conditions
- Sorting and limiting results

Conclusion

Day 43 enhanced understanding of **data retrieval techniques**, which improves application performance and usability.