TEST CASES FOR DATABASE

PART 1

1. Verify that the database is able to store and retrieve data correctly.
2. Check that the database is able to handle multiple users simultaneously without any data loss or corruption.
3. Test the database's security features to ensure that unauthorized users cannot access or manipulate the data.
4. Test the database's backup and recovery capabilities to ensure that data can be restored in the event of a failure or disaster.
5. Verify that the database is able to handle a large volume of data without performance degradation.
6. Test the database's performance and scalability under various workloads and scenarios.
7. Check that the database is able to integrate with other systems and applications as needed.
8. Test the database's query and search functionality to ensure that it can retrieve the required data efficiently.
9. Verify that the database is able to handle data inconsistencies and errors gracefully.
10. Test the database's ability to handle real-time data updates and changes.

TEST CASES FOR DATABASE

PART 2

1. Test the database's ability to store and retrieve data accurately and efficiently.
2. Test the database's ability to handle multiple concurrent users and transactions.
3. Test the database's security measures, including user authentication and authorization.
4. Test the database's backup and recovery capabilities.
5. Test the database's performance under different workloads and scenarios.
6. Test the database's compatibility with different operating systems and applications.
7. Test the database's ability to integrate with other databases and systems.
8. Test the database's ability to handle large volumes of data and complex queries.
9. Test the database's ability to handle data integrity and data consistency issues.
10. Test the database's scalability and flexibility to accommodate future growth and changes.

TEST CASES FOR DATABASE

PART 3

1. Verify that data can be inserted into the database successfully.
2. Verify that data can be retrieved from the database accurately and efficiently.
3. Verify that data can be updated in the database without causing any errors or inconsistencies.
4. Verify that data can be deleted from the database without affecting the integrity of the remaining data.
5. Verify that database queries can handle null values properly.
6. Verify that database security measures are in place to prevent unauthorized access to the data.
7. Verify that the database can handle large amounts of data without performance issues.
8. Verify that database backups are being performed regularly and can be restored successfully in case of data loss.
9. Verify that database indexes are being used effectively to improve query performance.
10. Verify that database constraints and validation rules are being enforced properly to ensure data integrity.

TEST CASES FOR DATABASE

PART 4

1. Verify that the database can store and retrieve large amounts of data without performance degradation.
2. Test the database's security measures to ensure that unauthorized users cannot access sensitive information.
3. Verify that the database can handle concurrent access from multiple users without data corruption or loss.
4. Test the database's backup and recovery capabilities to ensure that data can be restored in case of a failure or disaster.
5. Verify that the database can handle complex queries and data manipulation tasks without error or performance issues.
6. Test the database's ability to integrate with other systems and applications, including data transfer and interoperability.
7. Verify that the database can handle data updates and changes without causing inconsistencies or errors.
8. Test the database's support for different data types and formats, including text, numbers, images, and multimedia.
9. Verify that the database can handle data integrity constraints, such as unique keys and foreign keys, without violating them.
10. Test the database's performance under different workloads and scenarios to ensure it can handle high-demand situations.