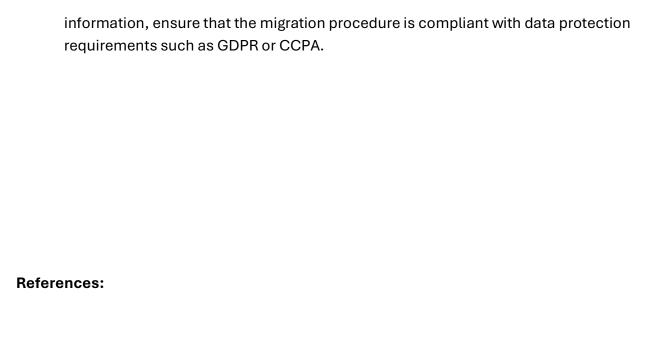
Non-Functional Requirements for Data Migration

- Data Accuracy and Integrity: ensure that data gets sent without error, loss, or corruption.
- 2. **Consistency of data relationships:** Maintain all data relationships and dependencies so that data acts properly in the new system (for example, foreign keys and constraints remain valid).
- 3. **Minimize Downtime:** To reduce user disturbances, limit system downtime during migration to a fixed, defined window.
- 4. **Handle large volumes efficiently:** The migration method should be able to handle huge datasets without slowing down significantly. Ensure that it is completed within a reasonable timeframe.
- 5. **Error Recovery and Restart Options:** Instead of beginning afresh, the migration should include options for error recovery and restarting from a stored point if stopped.
- 6. **Reduce Impact on the Source System:** Avoid slowing down or upsetting the existing system, especially if consumers are still using it.
- 7. **Testing and Preparation:** Before proceeding with the migration, thoroughly test the process in a test environment to identify and resolve any potential difficulties.
- 8. **Backup and Rollback Plans:** Make a comprehensive backup and develop a plan to revert to the original state if major issues arise during migration.
- 9. **Security and Privacy Compliance:** Ensure that sensitive data is encrypted during transfer and limit access to authorized persons only. To secure personal



(No date a) What Is AWS Migration Hub? - AWS Migration Hub. Available at: https://docs.aws.amazon.com/migrationhub/latest/ug/whatishub.html

What is Landscape Analysis and why is it important to your data migration? et al. (no date) Data migration pro, Data Migration Pro. Available at: https://www.datamigrationpro.com/