

Netflix Database Recovery

NHL Stenden, Assignment 5: Database Recovery

Assignment description

Netflix aims to provide the current database with backup, recovery, and concurrency solutions. Execute the following assignments so that the Netflix database can be used in production.

Backup

Create a full, differential, and incremental backup and transaction log for the Netflix database by means of CREATE BACKUP statements.

Deliver the SQL commands in an .sql-file with file name week5-1.sql.

Recovery

Use the RESTORE statement to restore the database with a full, differential and incremental backup and transaction log.

Deliver the SQL commands in an .sql-file with file name week5-2.sql.

Implement a transaction for a logical use case.

Concurrency

Reduce the chance of concurrency problems to a minimum by means of a query, for instance with phantom reads and deadlocks.

In addition, create two transactions for logical use cases.

Deliver the SQL commands in an .sql-file with file name week5-3.sql.