

Architecture Qualities

1. Security -

The Payroll Management System stores user's identity information as well as payroll transcripts. This data needs to be stored securely avoiding any possibilities of breaching sensitive information. The user accounts are password protected and passwords are stored in encrypted format.

2. Reliability -

The Payroll Management system should be reliable to provide payment and report generating services without any discrepancies. The system should be reliable to commit or rollback payment transactions without any loss of information or assets even in any unfavorable instances such as a powercut.

3. Conceptual Integrity -

As the model uses various concepts concerning the processing and management of data such as the calculation of monthly payroll of an employee based on her grade, leaves taken, extras etc and generation of reports on multiple relations, the overall integrity of various services is highly required.