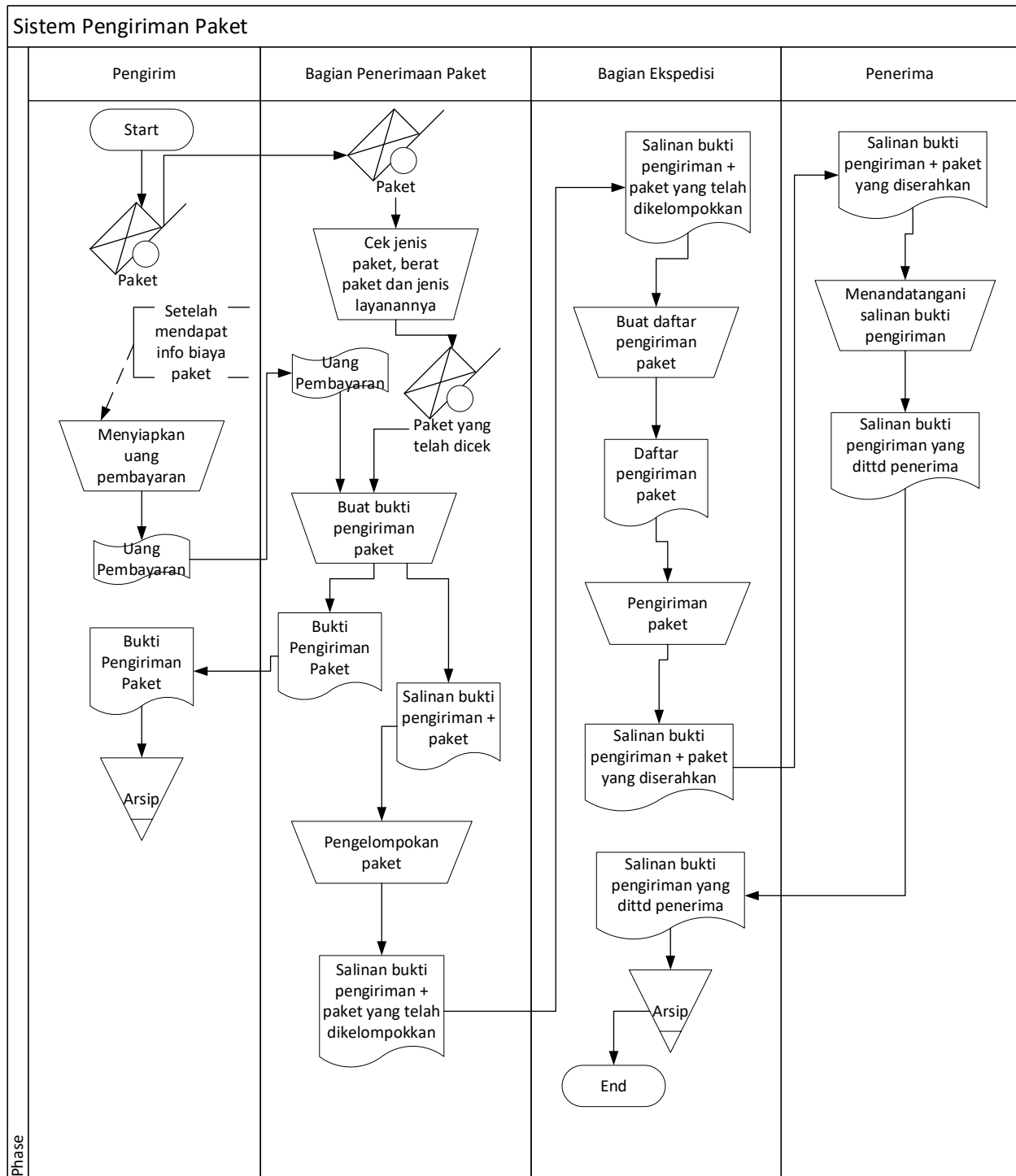
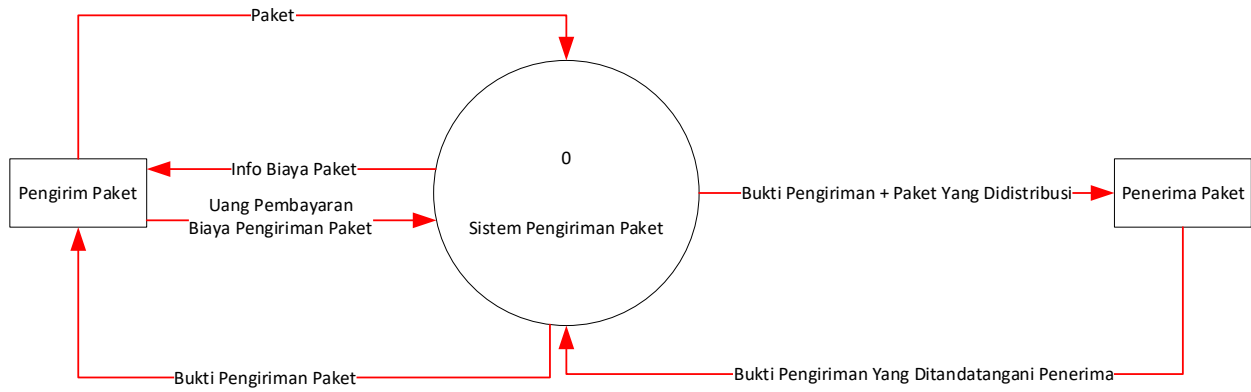


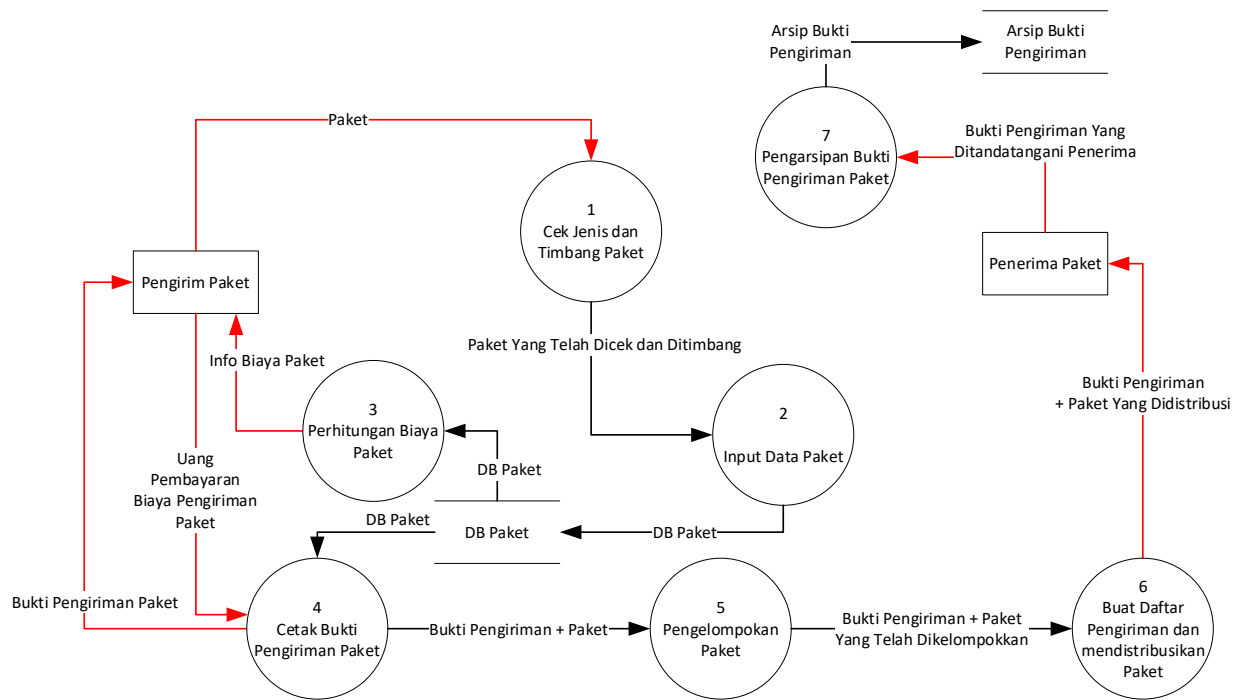
Document flowchart existing system:



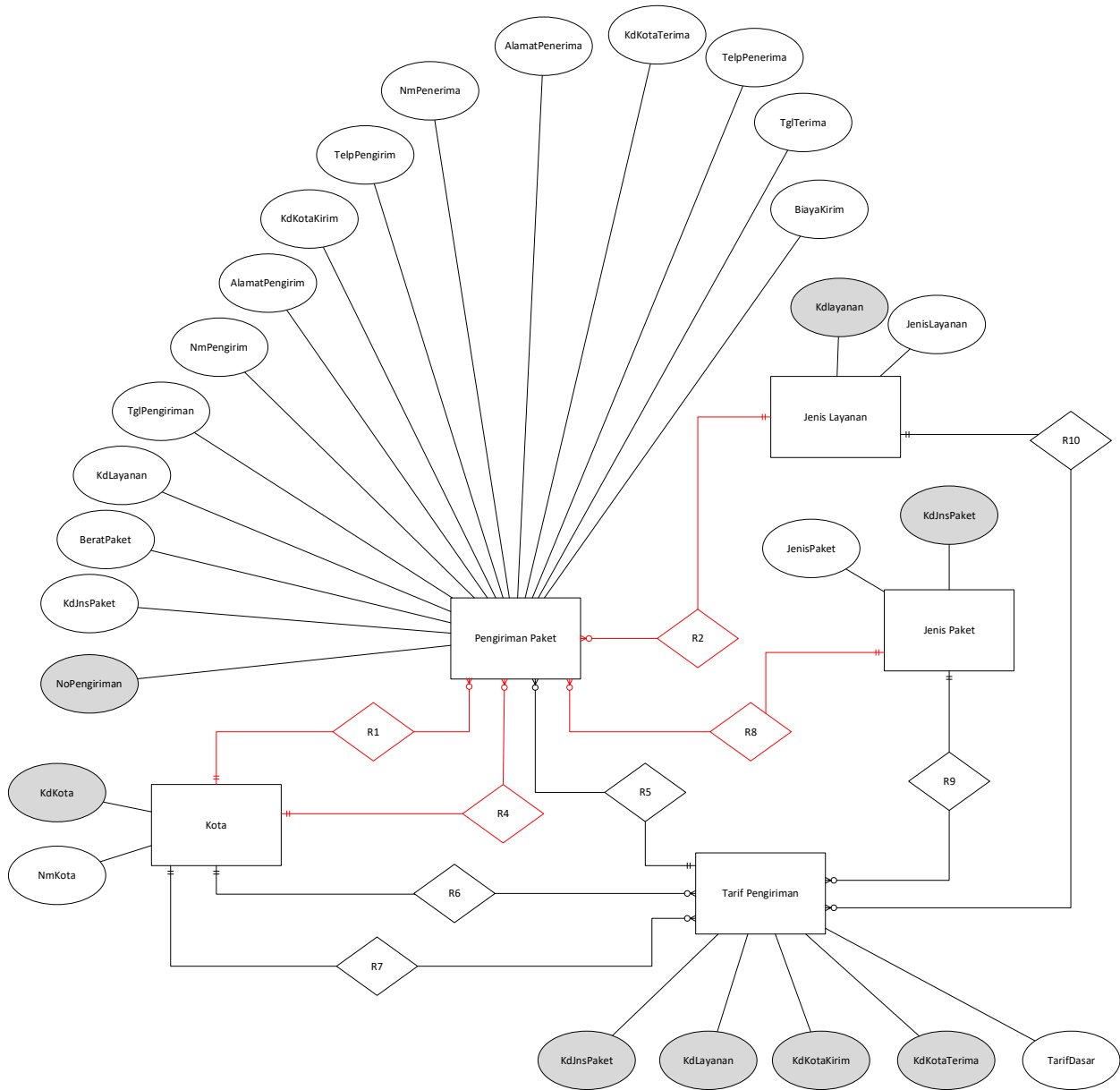
Context Diagram sistem yang diusulkan:



DFD level-0 sistem yang diusulkan:

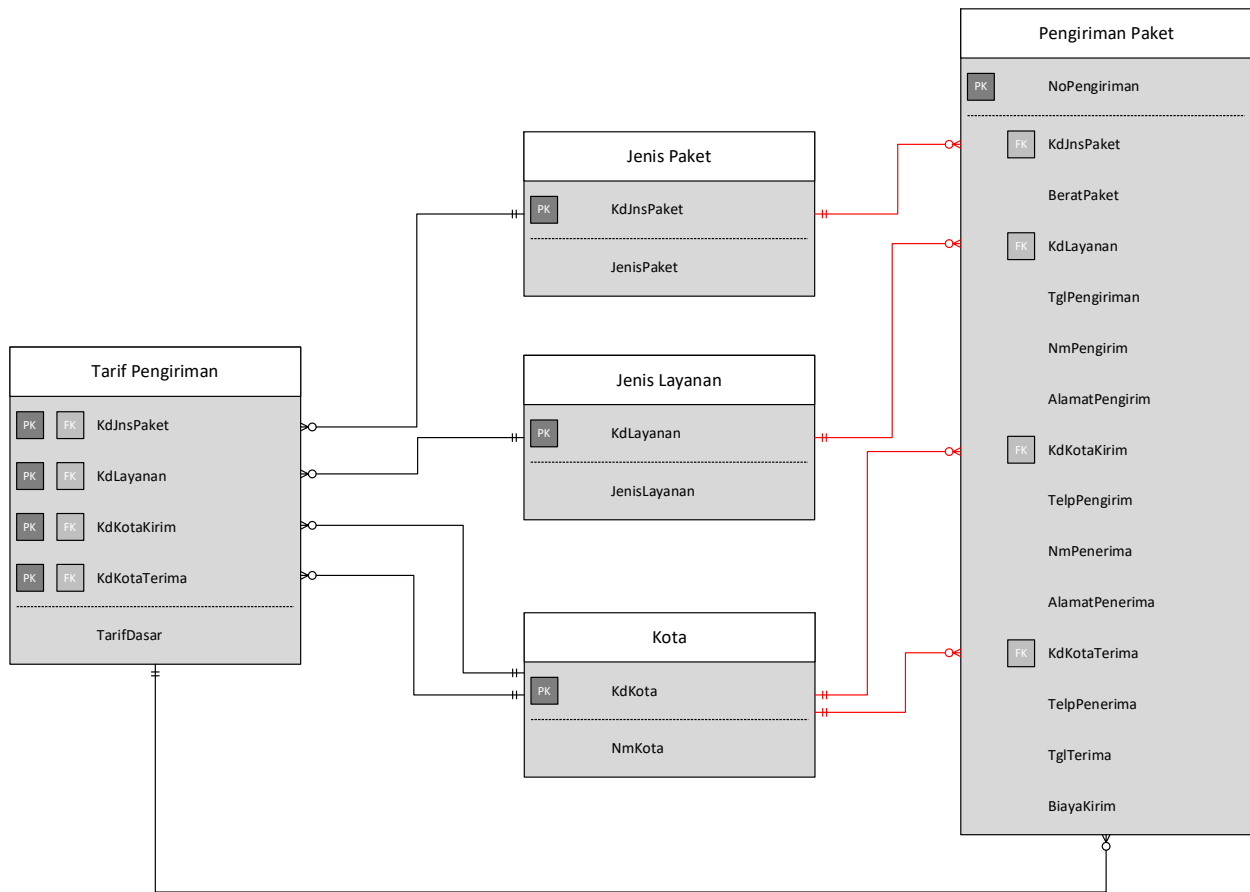


ERD:



Catatan: Relasi berwarna merah dapat dieliminasi karena merupakan hubungan transitif

Relasi antar tabel:



Catatan: Relasi berwarna merah dapat dieliminasi karena merupakan hubungan transitif