



Fakultas  
**Ekonomi & Bisnis**  
Telkom University

Program Studi: Manajemen Bisnis Telekomunikasi & Informatika  
Mata Kuliah: Data Management  
Oleh: Yudi Priyadi

(Entity-Relationship Diagram Conversion)

# Learning Objectives

- Students are able to explain each component diagram E-R into a physical table when converting,
- Students are able to apply the results of the modeling diagram E-R into a physical table based on the cardinality, namely: one to one, one to many, many to one and many to many,
- Students are able to perform analysis based design modeling diagram E-R to be converted into a physical table,
- Students are able to conduct an evaluation to assess or determine the truth of the design diagram E-R into a physical table, based on the criteria of the cardinality to a relation between tables.

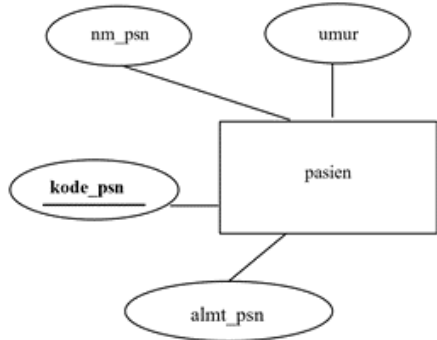


Table pasien

kode_psn	nm_psn	umur	almt_psn

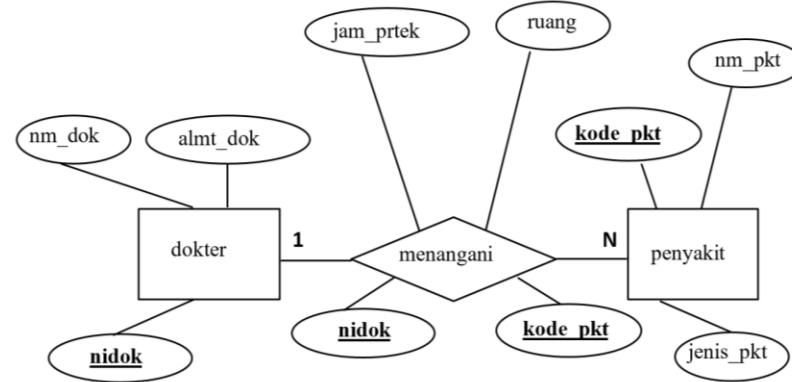


Table dokter

nidok	nm_dok	almt_dok

Table penyakit

kode_pkt	nm_pkt	jenis_pkt	nidok	ruang	jam_prtek

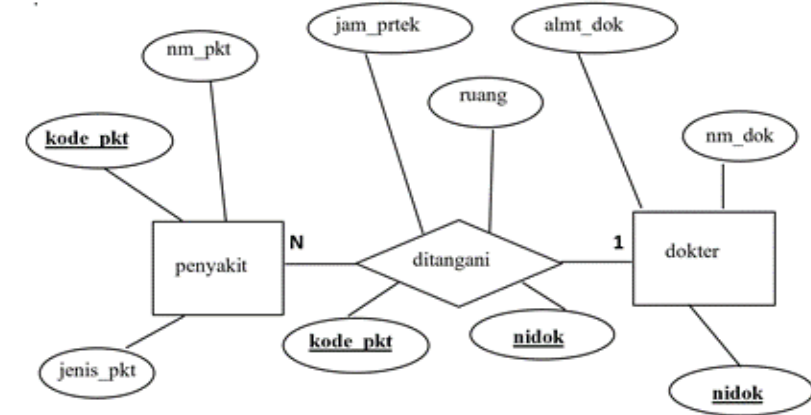


Table penyakit

kode_pkt	nm_pkt	jenis_pkt	nidok	ruang	jam_prtek

Table dokter

nidok	nm_dok	almt_dok

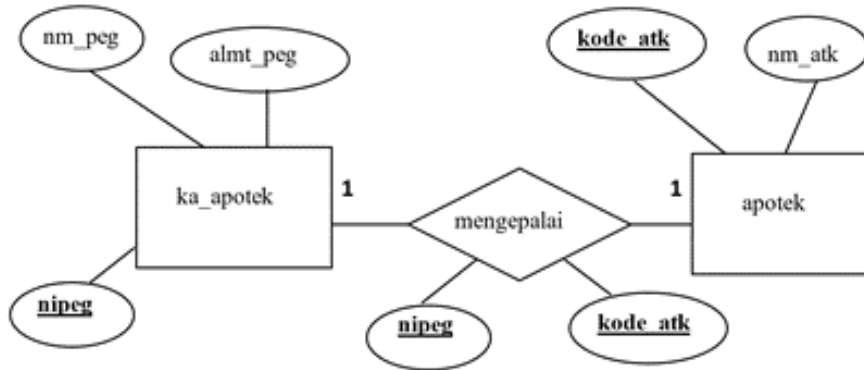


Table ka\_apotek

nipeg	nm_peg	almt_peg

Table apotek

kode_atk	nm_atk	nipeg

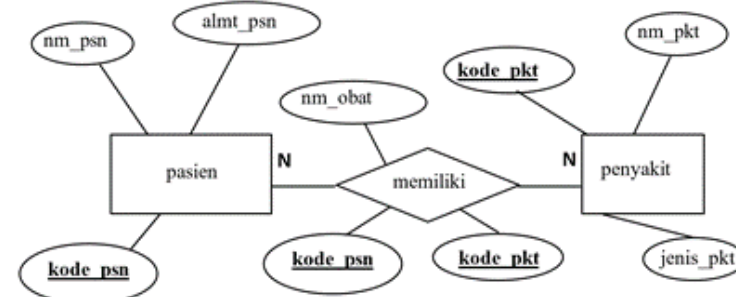


Table pasien

kode_psn	nm_psn	almt_psn

Table penyakit

kode_pkt	nm_pkt	jenis_pkt

Relation memiliki ↔ Table pemilik\_obat

kode_psn	kode_pkt	nm_obat

Source: Y.Priyadi. 2014. Kolaborasi SQL & ERD Dalam Implementasi Database (ISBN:978-979-29-2195-3), Andi Publisher

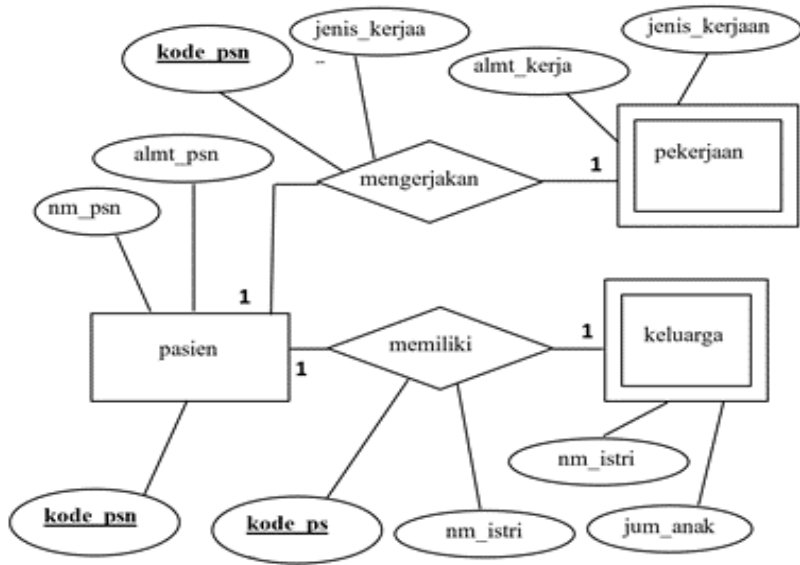


Table pasien

kode_psn	nm_psn	almt_psn

Table pekerjaan

kode_psn	jenis_kerjaan	almt_kerja

Table keluarga

kode_psn	nm_istri	jum_anak

Table pasien\_berobat

kode_psn	no_antrian	biaya_obt

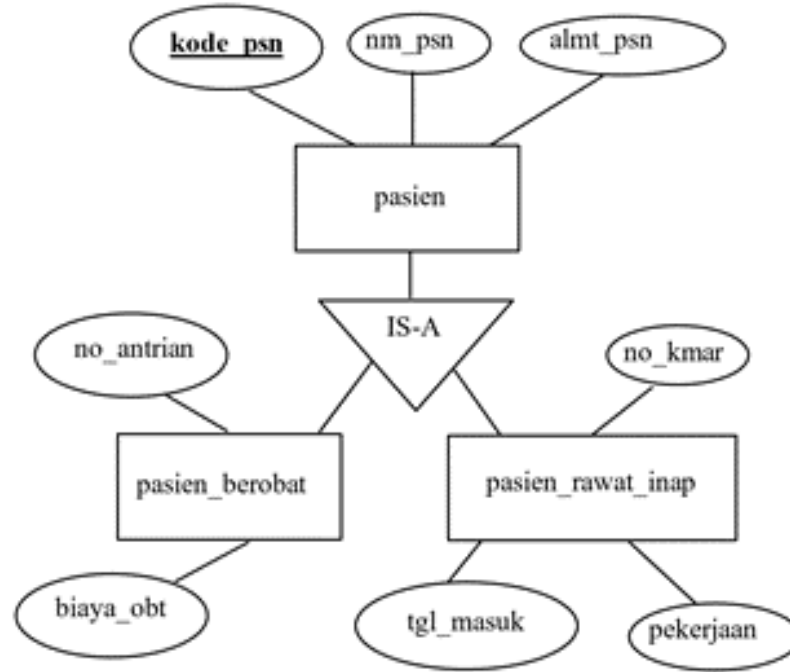


Table pasien

kode_psn	nm_psn	almt_psn

Table pasien\_rawat\_inap

kode_psn	no_kmar	tgl_masuk	pekerjaan

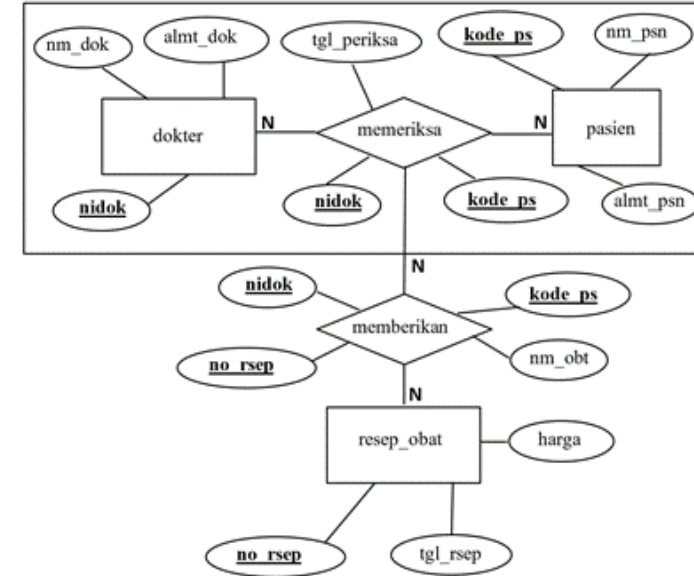


Table memeriksa

nidok	kode_psn	tgl_periksa

Tablel resep\_obat

no_rsep	tgl_rsep	harga

Table memberikan

nidok	kode_psn	no_rsep	nm_obt

Source: Y.Priyadi. 2014. Kolaborasi SQL & ERD Dalam Implementasi Database (ISBN:978-979-29-2195-3), Andi Publisher