① Latihan :

Nama: Alvaro Au...
kelas A
Npm: 210675 2180
kelompok : 8/80829
Alvaro Austn

① 1. 1 staff member manage beberapa Customer
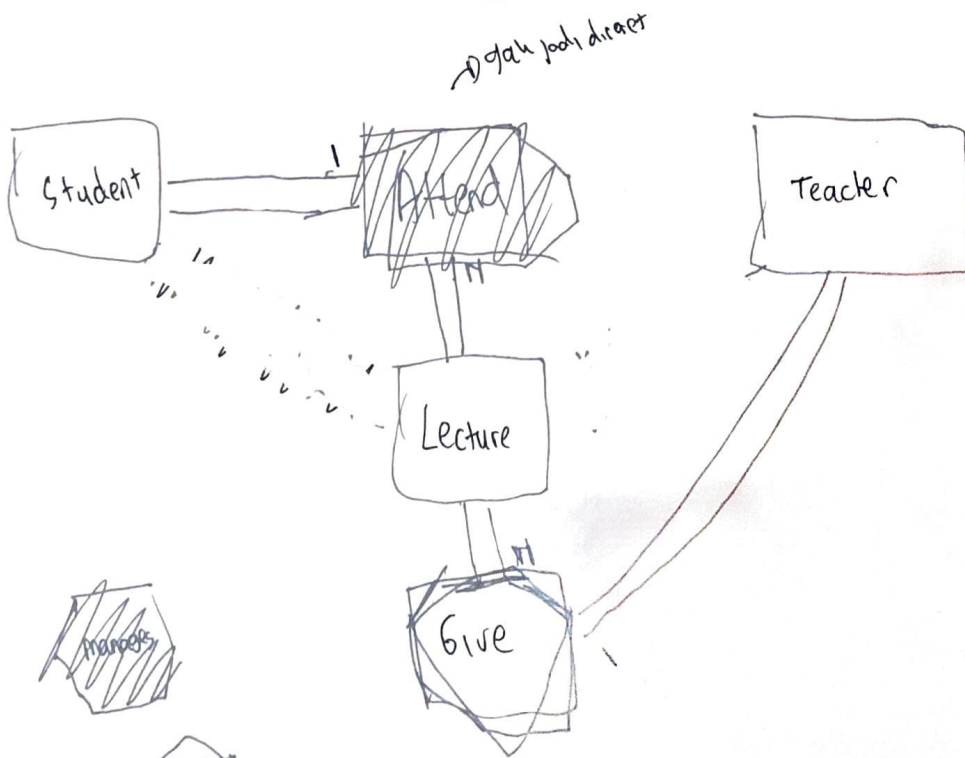2. 1 Customer tidak mungkin dikontak oleh lebih dari 1 staff

② manage
O — N

All staff

Customer

O Contact 1

Person — N — Check out — N — Book

① gah jodi diract

③ Student — 1 — Attend — N

Teacher

Lecture

manages

Give — N

④ Customer — 1 — Open — N
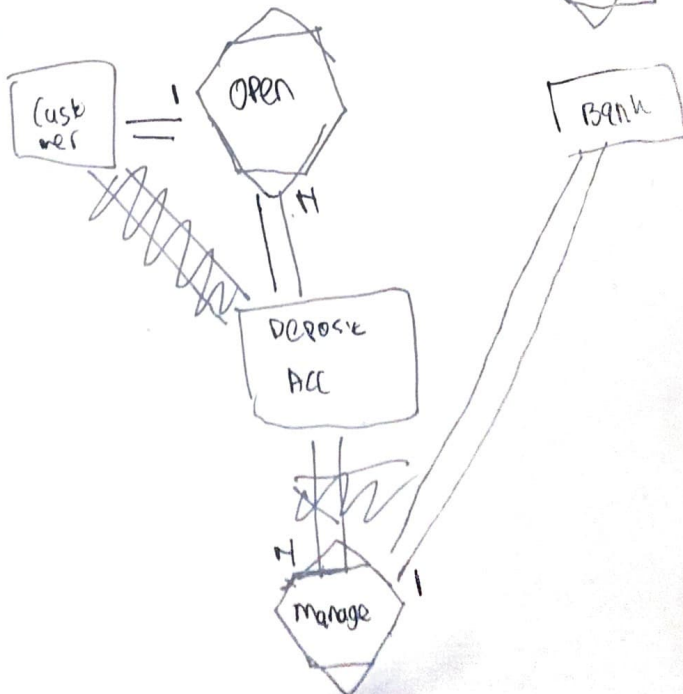
Bank

Deposit Acc

manage N — 1
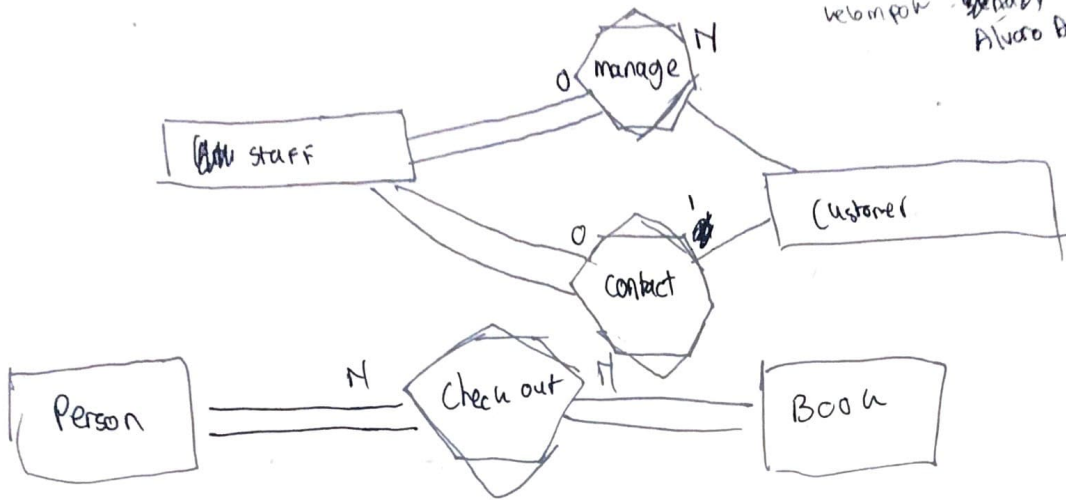
Lat 2

3.23.) strong: Bank, Loan, account, Customer

Weak: Bank.Branch
- name: Bank-Branch
- Partial key: Branch - no
- Identifying relationship: ~~Branch~~ Branches

d) Accts : ~~one to many~~ mary to one (Binary)
Lo Bank Branch (1,N)
Account (1,1)
Loans : many to one (Binary)
Lo Bank Branch (0,N)
Lo Loan (0,1)

Lo A-C (many to many) (Binary)
Lo Account (1,N)
Lo Customer (1,M)
Lo L-C (many to many) (Binary)
Lo Customer (0,M)
Lo Loan ~~(0,N)~~ (0,N)

Case 1:
- ISBN harusnya pemilm, ISBN
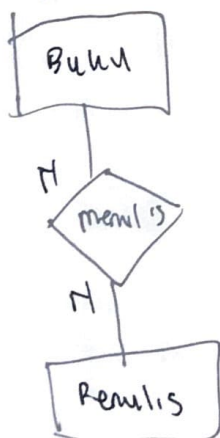 Lo sebagai key atribute
  Lo Penerbit:
  ISSN juga

- Genre harusnya Punya 2 border

- harusnya

Buku
N
memil's
N
Penulis

dan untuk Penerbut, terbalin

menerbt
N
1

Case 2:
menurut saya memesan ER nya seperti ini

Entity Relationship Diagram (ERD):

Entities and relationships:
- **Dosen** — attributes: Evaluatee, Nama
  - relationship: Mengevaluasi (Skor), Ala luar
  - relationship: DI Pimpin → Fakultas
  - relationship: Mengampu
- **Fakultas** — attributes: Nama-kons, Nama jalu, No jdm, Alamat, No telp, kodepos, Sejarah
- **Kelas** — attributes: Kode, tahun ajar, tahun ajar, Nama, tahun ajar, Semester
  - relationship: Menawarkan
- **Prodi** — attributes: Nama, Jenjang-pendidikan
- **Mahasiswa** — attributes: Tgl lahir, Sus mas, Gelar, NPM, Nama, IPK, Status
- **Mata-Kuliah**
  - relationship: MEM Buua (N)
  - relationship: MENGAM BIC (N / M) → Mahasiswa
- **Kurikulum** — attributes: kode, Purulan, Nama
  - relationship: DIDASARI → Mata-Kuliah