

Lec-5

* Steps to make ER diagram !-

1) identify Senty sets.

2 identify attributes & their types,

(3)

Rely & constraints

Mapping

Participation

* ER-Model of Banking System (mane) Banking system - Branches, (2)Bank -> customers. Customers - accounts,, 4 take loan. (3) Customer anscratzed with some banker. (4) Bank has employees. (\mathcal{T}) Accounts - Saving a/L (6) current a/c. originated by branch Coan 21 customers. L) payment schedules.

(1) Endity sets 1 Branch 2 Customer 3 Employee 6 Current a/L (4) Saving a/c (7) payment (Loan) (weath entity) 6 Loan (2) Attributes:-1) branch -> name, city, anests, l'abilities © Customer) cust-id, name, addren, contact no. DOB, age, Componte. multivalued.

(3) Employee > emp-id, name, Contact no., dependent name, years of service, start-date mittvalued, derived atthr single valued.

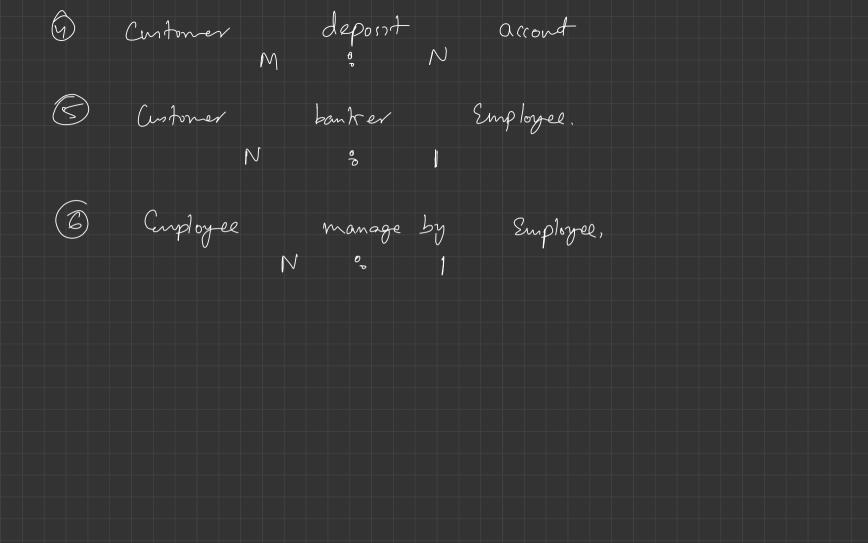
(G) Saving account > account planer, balance, internit-rate, daily introduced limit. (3) Current a/L > accounter, balance, pertranaction changes, overdraft - amount. 6 Generalized Centity "Account" > acc-no, balance (2) Coan , loan-number, amount (8) Weak Entity feyment > Payment no., date, amount.

3 kelⁿ & constants,

(1) Customer borrow loan,

M! Loan orignated by branch.

N 3 1 loor-payment Payment.



anuti) Streetwoo aty name what name age branch labilition streat afy Pagnut date Cust id address State Payment vane. originated huber Pincode paymet -amond M loan [Payment borring Dan Payment D013 anin LOGH-muber account number balance (start dotte) deposit banker empid account N Employee managed is-a name daily uthdraval contact Jer. F limit per transating service. Current saving a/C dependent changes havre interest rate over-draft amount

M.W Orline delivery system. University