Day 7 : 22 Oct 2024 CB FSD - Planning and UI Design

Open the terminal

sudo mysql -u root -p

Simplilearn

create database shopping\_app

use shopping\_app

table

users

emailid (PK), password, typeofuser field or column

type of user can be customer or admin

products

pid (PK), pname, price, description, stock or qty, created\_at

orders don’t write table name as order because in database order is keyword.

oid (pk) auto increment

uid varchar(30) FK (connect to users emailid ie pk)

order\_date timestamp default current\_timestamp

total float table amount

status enum

pending, shipped, delivered, cancelled default ‘pending’

this table hold order details with product details with user details.

order\_item

oitemid pk auto increment 🡪 PK

oid int --🡪 FK link to orders id records

pid int 🡪 FK link to product id record

qty int -🡪

price -🡪

**account**

accno int pk

userid varchar(30) FK for user table link to emailid

uname varchar(30) not null,

balance float,

**payment**

pid int pk auto increment

oid int FK for orders table

paymentdate timestamp default current\_timestamp

amount float

payment\_method enum(‘credit cart’,’net banking’,’bank transfer’)

Join : Join is use to retrieve more than one column from more than one table with condition ie PK and FK.

Inner join or equi join

It display only those records which present in both the table with link as PK and FK.

Select firsttablecolumnname,fisttablecolumnname…………, secondtblecolumnname,secondtablecolumnname from firsttablename inner join secondtablename on firsttablenamecolumn=secondtablecolumnname

**select emailid,typeofuser,accno,balance from user inner join accounts on emailid=userid;**

if table contains common column name ie PK in one table and FK in another table then we need to use table alias

**select p.pid,p.pname,p.description,ot.qty from product p inner join orderitem ot on p.pid=ot.pid;**

here p is table alias for product and ot is table alias for orderitem table.