

Database Bookstore

category			
field	type data	constraint	keterangan
C_ID	varchar(4)	PRIMARY KEY	C + 3 digit no urut
C_NAME	varchar(30)	NOT NULL	
C_STATUS	int(1)	NOT NULL	

language			
field	type data	constraint	keterangan
L_ID	varchar(4)	PRIMARY KEY	L + 3 digit no urut
L_NAME	varchar(30)	NOT NULL	

role			
field	type data	constraint	keterangan
R_ID	varchar(4)	PRIMARY KEY	R + 3 digit no urut
R_NAME	varchar(30)	NOT NULL	

book_format			
field	type data	constraint	keterangan
BF_ID	varchar(5)	PRIMARY KEY	BF + 3 digit no urut
BF_NAME	varchar(30)	NOT NULL	

payment_method			
field	type data	constraint	keterangan
PM_ID	varchar(5)	PRIMARY KEY	PM + 3 digit no urut
PM_NAME	varchar(30)	NOT NULL	
PM_FEE	int	NOT NULL	

publisher			
field	type data	constraint	keterangan
P_ID	varchar(4)	PRIMARY KEY	P + 3 digit nourut
P_NAME	varchar(30)	NOT NULL	
P_ADDRESS	varchar(50)	NOT NULL	
P_TELP	varchar(10)	NOT NULL	
P_STATUS	int(1)	NOT NULL	

book			
field	type data	constraint	keterangan
B_ID	varchar(8)	PRIMARY KEY	BOOK + 4 digit nourut
B_TITLE	varchar(30)	NOT NULL	
B_AUTHOR	varchar(30)	NOT NULL	
B_P_ID	varchar(4)	FK Publisher	
B_PUB_DATE	varchar(50)	NOT NULL	
B_SYNOPSIS	varchar(250)	NOT NULL	
B_PRICE	int	NOT NULL	
B_STOCK	int	NOT NULL	
B_LANGUAGE	varchar(4)	FK Language	
B_FORMAT	varchar(5)	FK book_format	
B_ISBN	varchar(50)	NOT NULL	
B_STATUS	int	NOT NULL	0: tidak dijual, 1: dijual

book_category			
field	type data	constraint	keterangan
BC_ID	varchar(6)	PRIMARY KEY	BC + 3 digit nourut

B_ID	varchar(8)	FK Book	
C_ID	varchar(4)	FK Category	

users			
field	type data	constraint	keterangan
U_ID	varchar(4)	PRIMARY KEY	U + 3 digit no urut
U_USERNAME	varchar(100)	UNIQUE	
U_PASSWORD	varchar(100)	NOT NULL	
U_ROLE	varchar(4)	FK Role	
U_STATUS	int	NOT NULL	0 tidak aktif, 1 aktif

employee			
field	type data	constraint	keterangan
E_ID	varchar(4)	PRIMARY KEY	
E_NAME	varchar(100)	NOT NULL	
E_BIRTHDATE	date	NOT NULL	
E_ADDRESS	varchar(100)	NOT NULL	
E_TELP	varchar(15)	NOT NULL	
E_U_ID	varchar(4)	FK User	
E_STATUS	int	NOT NULL	0 : aktif, 1 tidak aktif

member			
field	type data	constraint	keterangan
M_ID	varchar(6)	PRIMARY KEY	
M_NAME	varchar(100)	NOT NULL	
M_BIRTHDATE	date	NOT NULL	
M_ADDRESS	varchar(max)	NOT NULL	
M_TELP	varchar(15)	NOT NULL	

M_POINT	int	NOT NULL	
M_STATUS	smallint	NOT NULL	

pre_order			
field	tipe data	constraint	keterangan
PO_ID	varchar(6)	PRIMARY KEY	PO + 4 digit nomor urut
PO_INVOICE_NUMBER	varchar(12)	NOT NULL	2 digit belakang tahun + 2 digit bulan + 2 digit tanggal + PO_ID
PO_DATE	date	NOT NULL	
PO_B_ID	varchar(8)	FK Book	
PO_E_ID	varchar(4)	FK Employee	
PO_M_ID	varchar(5)	FK Member	
PO_QTY	int	NOT NULL	
PO_TOTAL	int	NOT NULL	
PO_DOWN_PAYMENT	int	NOT NULL	
PO_PAYMENT_METHOD	varchar(5)	FK payment_method	
PO_STATUS	int(1)	NOT NULL	1 : Waiting 2 : Ready 3 : End

htrans_purchase			
field	tipe data	constraint	keterangan
HP_ID	varchar(6)	PRIMARY KEY	HP + 4 digit nomor urut
HP_INVOICE_NUMBER	varchar(12)	NOT NULL	2 digit belakang tahun + 2 digit bulan + 2 digit tanggal + TR + 3 digit nomor urut

HP_DATE	date	NOT NULL	
HP_TOTAL_QTY	int	NOT NULL	
HP_TOTAL	int	NOT NULL	
HP_TOTAL_PAID	int	NOT NULL	
HP_POINTS_USED	int	NOT NULL	
HP_POINTS_RECEIVED	int	NOT NULL	
HP_PAYMENT_METHOD	varchar(5)	FK payment_method	
HP_E_ID	varchar(4)	FK Employee	
HP_M_ID	varchar(5)	FK Member	

dtrans_purchase			
field	tipe data	constraint	keterangan
DP_ID	varchar(6)	PRIMARY KEY	
DP_HP_ID	varchar(6)	FK Htrans Purchase	
DP_B_ID	varchar(8)	FK Book	
DP_PRICE	int	NOT NULL	
DP_QTY	int	NOT NULL	
DP_SUBTOTAL	int	NOT NULL	

notification			
field	tipe data	constraint	keterangan
N_ID	varchar(4)	PRIMARY KEY	N + 3 digit no urut
N_U_ID	varchar(4)	FK User	
N_MESSAGE	varchar(100)	NOT NULL	
N_STATUS	int	NOT NULL	0 : Belum dibaca 1 : Sudah dibaca
N_TIME	timestamp	NOT NULL	