

Tugas Kelompok 1 Basdat A4

Kelompok A4:

2106630012	Valerian Salim
2106652070	Nayyara Airlangga Raharjo
2106702182	Dhina Rotua Mutiara
2006485850	Nafidz Abiyyu Hanief
2106653602	Eduardus Tjitrahardja

1. Implementasikan basis data dari studi kasus SIREST berdasarkan skema relasional, deskripsi tabel, dan jumlah minimal data pada setiap tabel yang telah ditentukan.

a. USER_ACC

```
db22a004=> \d USER_ACC;
```

Table "tk_a4.user_acc"				
Column	Type	Collation	Nullable	Default
email	character varying(50)		not null	
password	character varying(50)		not null	
phonenum	character varying(20)		not null	
fname	character varying(15)		not null	
lname	character varying(15)		not null	
Indexes:				
"user_acc_pkey" PRIMARY KEY, btree (email)				

```
db22a004=> SELECT * FROM USER_ACC;
```

kbutterfield4@cam.ac.uk	DopOnw3eTimD	7531097680	Keefer	Butterfield
zmandre5@cafepress.com	2OEEGF	2336907982	Zia	Mandre
ecosterd6@goo.ne.jp	yKhbNJQ	2867478186	Erek	Costerd
djoel7@google.nl	pltnrTr9Ia	6344702588	Dannel	Joel
estorton8@comsenz.com	kEt1567	6369716408	Ellissa	Storton
vbestwerthick9@gov.uk	t3SSAWOW	3045789153	Vinnie	Bestwerthick
acardenosaa@earthlink.net	eJFqMQ	2662706779	Arvy	Cardenosa
scutillb@vinaora.com	qhWa8J	7083297155	Shane	Cutill
gtinseyc@tuttocitta.it	tvuxpx	5148258341	Goddart	Tinsey
efavilld@dell.com	3WljVdvJ	5035698815	Editha	Favill
ecraydone@theatlantic.com	cyvCjj73xa	6214095822	Enrica	Craydon
tchristenef@army.mil	BuA9Mbkv93h	5685336311	Tony	Christene
cwaszczkyg@mediafire.com	oWxb7NBuUbJ9	2859778017	Crissy	Waszczkyk
brishworthh@miitbeian.gov.cn	rlcla07xbz3N	9978935937	Brenda	Rishworth
vvandenhof@indiatimes.com	HjpvzhfU	5823641991	Vassili	Van den Hof
qwakelingj@zimbio.com	Z9yCdy	1155978355	Quintilla	Wakeling
pyarek@tuttocitta.it	TVQTVLNM1	4752809971	Phineas	Yare
bgrievesl@wordpress.com	rqVvBDXC	7039991267	Brenden	Grieves
mlliccardim@addthis.com	qZuxw8vMBGsQ	8081080960	Meggy	Liccardi
smerceyn@mapy.cz	mS7m38MKwYU	9268598156	Susann	Mercey
bcasacchia@geocities.jp	YVzRZj0lUKW7	4123057237	Billie	Casacchia
ctindlep@feedburner.com	xi2DEPwx	4644601691	Chalmers	Tindle
rborlandq@webs.com	JRXgTyTVk	6768077374	Rebeca	Borland
kcastagner@stanford.edu	lzOS304	5167970156	Kane	Castagne
stucks@nationalgeographic.com	nGL08Szbr	8357271165	Salaidh	Tuck
jebbuttt@ovh.net	Lfmytoj2ni0	5128494960	Janette	Ebbutt

gironu@xrea.com	pnpXVNSE11	7265906742	George	Iron
lsandeyv@yellowbook.com	CsvgstSRww	2624520099	Lin	Sandey
dbarnettw@imageshack.us	B7MHESFkp	7242013498	Dallon	Barnett
tvigarx@imgur.com	yk4SdUhvuiU	4952548685	Tootsie	Vigar
jwandsy@ihg.com	vXGvSY	4662887178	Jerrie	Wands
kmcdermottrowz@google.co.uk	hVtI8Z2d	2549232944	Kain	McDermott-Row
lsanderson10@cam.ac.uk	MUsi9Qf5	3331770021	Lesly	Sanderson
cmeatcher11@deliciousdays.com	5EueIb6Vaq6	5055057379	Celisse	Meatcher
hbellchamber12@wiley.com	D1MQPW2	5986152852	Harrison	Bellchamber
cgoodread13@hugedomains.com	8wALWCC	9224972919	Clay	Goodread
hlownes14@yolasite.com	GVFJDMdFr	2639309671	Helen-elizabeth	Lownes
alantry15@youtu.be	DkmKNy0S1	2158450657	Anselm	Lantry
eprimett16@tumblr.com	7Rh7aCD	9715477710	Emmalyn	Primett
egolledge17@harvard.edu	vJbJrUZKmTY2	1977650643	Eba	Golledge
lobispol18@cornell.edu	mReDjxmIyv	3679530899	Lissa	Obispo
(45 rows)				

b. ADMIN

```
db22a004=> \d ADMIN
Table "tk_a4.admin"
Column |          Type          | Collation | Nullable | Default
-----+-----+-----+-----+-----
email  | character varying(50) |           | not null |
Indexes:
    "admin_pkey" PRIMARY KEY, btree (email)
Foreign-key constraints:
    "admin_email_fkey" FOREIGN KEY (email) REFERENCES user_acc(email) ON UPDATE CASCADE ON DELETE CASCADE

db22a004=> SELECT * FROM ADMIN;
      email
-----
eclibbery0@cisco.com
olowthian1@parallels.com
awilshaw2@about.me
jcarrodus3@redcross.org
kbutterfield4@cam.ac.uk
(5 rows)
```

c. TRANSACTION_ACTOR

```
db22a004=> \d TRANSACTION_ACTOR;
Table "tk_a4.transaction_actor"
Column |          Type          | Collation | Nullable | Default
-----+-----+-----+-----+-----
email  | character varying(50) |           | not null |
nik     | character varying(20) |           | not null |
bankname | character varying(20) |           | not null |
accountno | character varying(20) |           | not null |
restopay | bigint                |           | not null | 0
adminid | character varying(50) |           | not null |
Indexes:
    "transaction_actor_pkey" PRIMARY KEY, btree (email)
Foreign-key constraints:
    "transaction_actor_adminid_fkey" FOREIGN KEY (adminid) REFERENCES admin(email) ON UPDATE CASCADE ON DELETE CASCADE
    "transaction_actor_email_fkey" FOREIGN KEY (email) REFERENCES user_acc(email) ON UPDATE CASCADE ON DELETE CASCADE

db22a004=> SELECT * FROM TRANSACTION_ACTOR;
      email      |      nik      | bankname | accountno | restopay |      adminid
-----+-----+-----+-----+-----+-----
zmandre5@cafepress.com | 6944428483436901 | BCA      | 632099774 | 9355541 | eclibbery0@cisco.com
ecosterd6@goo.ne.jp | 6598703736999154 | BCA      | 889098935 | 7696029 | olowthian1@parallels.com
djoel7@google.nl | 8073014204799137 | BNI      | 892244888 | 6198574 | awilshaw2@about.me
estorton8@comsenz.com | 9392173763907738 | MANDIRI  | 820825064 | 2561942 | jcarrodus3@redcross.org
vbestwerthick9@gov.uk | 9916836340330542 | BRI      | 474900059 | 3625881 | kbutterfield4@cam.ac.uk
acardenosaa@earthlink.net | 7122066732672256 | BCA      | 157106833 | 8473136 | eclibbery0@cisco.com
scutillb@vinaora.com | 4837972819648851 | BNI      | 618796287 | 5272643 | olowthian1@parallels.com
gtinseyc@tuttocitta.it | 9993120925305212 | CIMB     | 160665202 | 455596 | awilshaw2@about.me
efavilld@dell.com | 3854511336135941 | BRI      | 895861772 | 2876138 | jcarrodus3@redcross.org
ecraydone@theatlantic.com | 3629973397697040 | MANDIRI  | 524768873 | 6513939 | kbutterfield4@cam.ac.uk
tchristenef@army.mil | 7371281203210164 | BRI      | 440267675 | 3150001 | eclibbery0@cisco.com
cwaszczkykg@mediafire.com | 4462883173905348 | CIMB     | 614606205 | 1540871 | olowthian1@parallels.com
brishworthh@mitbeian.gov.cn | 9338469176643732 | BCA      | 190199884 | 5817162 | awilshaw2@about.me
vvandenhofi@indiatimes.com | 8028921004165409 | BNI      | 290162928 | 1168687 | jcarrodus3@redcross.org
gwakelingj@zimbio.com | 8185803233843922 | BNI      | 938350715 | 3186746 | kbutterfield4@cam.ac.uk
```

pyarek@tuttocitta.it	4144734471887260	BNI	394873917	120938	ecliberry0@cisco.com
bgrievessl@wordpress.com	9739838696830966	MANDIRI	551552952	4355379	olowthian1@parallels.com
mlliccardim@addthis.com	9841465640366453	CIMB	828288253	7679049	awilshaw2@about.me
smerceyn@mapy.cz	9016713196310897	MANDIRI	915918554	2232100	jcarrodus3@redcross.org
bcasacchia@geocities.jp	7145381878561580	BRI	672552707	9096914	kbutterfield4@cam.ac.uk
ctindlep@feedburner.com	2281138984254599	CIMB	782470843	2711522	ecliberry0@cisco.com
rborlandq@webs.com	7943570707172799	BCA	618456476	8128675	olowthian1@parallels.com
kcstagner@stanford.edu	7585724999079610	MANDIRI	693355137	9419291	awilshaw2@about.me
stucks@nationalgeographic.com	7459621916969757	MANDIRI	155342137	7007091	jcarrodus3@redcross.org
jebbuttt@ovh.net	2130649103594117	BCA	912854236	8501991	kbutterfield4@cam.ac.uk
gironu@xrea.com	8181384464390068	BRI	837177987	8360719	ecliberry0@cisco.com
lsandeyv@yellowbook.com	2137850867615788	BRI	543378332	6744889	olowthian1@parallels.com
dbarnettw@imageshack.us	6174451167380750	BNI	536287208	3283794	awilshaw2@about.me
tvigarx@imgur.com	8194601851764000	BNI	706242072	362215	jcarrodus3@redcross.org
jwandsy@ihg.com	4118676100969636	BNI	405872506	2186589	kbutterfield4@cam.ac.uk
kmcdermottrowz@google.co.uk	9112792661728895	CIMB	759732747	7305648	ecliberry0@cisco.com
lsanderson10@cam.ac.uk	7424825263482585	CIMB	764343639	394481	olowthian1@parallels.com
cmeatcher11@deliciousdays.com	2311762524035020	BNI	581445087	7691537	awilshaw2@about.me
hbellchamber12@wiley.com	1772569432199822	MANDIRI	662048181	2557840	jcarrodus3@redcross.org
cgoodread13@hugedomains.com	6869326298110539	BCA	774924277	8919473	kbutterfield4@cam.ac.uk
hlownes14@yolasite.com	4810606214654054	BRI	798676021	5061661	ecliberry0@cisco.com
alantryl5@youtu.be	5579239399934826	MANDIRI	14003723	8262041	olowthian1@parallels.com
eprimett16@tumblr.com	4207531361822717	BCA	926569823	3297509	awilshaw2@about.me
egolledge17@harvard.edu	9049905109844172	BRI	109709520	8639226	jcarrodus3@redcross.org
lobispo18@cornell.edu	4227296852688809	BNI	129419978	765959	kbutterfield4@cam.ac.uk
(40 rows)					

d. COURIER

```
db22a004=> \d COURIER;
```

Column	Type	Collation	Nullable	Default
email	character varying(50)		not null	
platenum	character varying(10)		not null	
drivinglicensenum	character varying(20)		not null	
vehicletype	character varying(15)		not null	
vehiclebrand	character varying(15)		not null	

Indexes:
"courier_pkey" PRIMARY KEY, btree (email)
Foreign-key constraints:
"courier_email_fkey" FOREIGN KEY (email) REFERENCES transaction_actor(email) ON UPDATE CASCADE ON DELETE CASCADE

```
db22a004=> SELECT * FROM COURIER;
```

email	platenum	drivinglicensenum	vehicletype	vehiclebrand
kmcdermottrowz@google.co.uk	B6808ZM	1507607059	Motor	Honda
lsanderson10@cam.ac.uk	AD4078HS	1035965856	Mobil	Hyundai
cmeatcher11@deliciousdays.com	B5097LT	1057722535	Motor	Yamaha
hbellchamber12@wiley.com	F6924LP	1343338222	Motor	Suzuki
cgoodread13@hugedomains.com	D9873IDR	1738610293	Motor	Kawasaki
hlownes14@yolasite.com	AA3526UOE	1324184572	Mobil	Toyota
alantryl5@youtu.be	F8823FQ	1260113534	Motor	Honda
eprimett16@tumblr.com	BK3071BTK	1452226835	Motor	Yamaha
egolledge17@harvard.edu	D8898SHA	2085853500	Motor	Yamaha
lobispo18@cornell.edu	BB9030TVR	1317866437	Mobil	Toyota

(10 rows)

e. CUSTOMER

```
db22a004=> \d CUSTOMER;
```

Column	Type	Collation	Nullable	Default
email	character varying(50)		not null	
birthdate	date		not null	
sex	character(1)		not null	

Indexes:
"customer_pkey" PRIMARY KEY, btree (email)
Foreign-key constraints:
"customer_email_fkey" FOREIGN KEY (email) REFERENCES transaction_actor(email) ON UPDATE CASCADE ON DELETE CASCADE

```
db22a004=> SELECT * FROM CUSTOMER;
      email | birthdate | sex
-----+-----+---
zmandre5@cafepress.com | 2009-03-04 | M
ecosterd6@goo.ne.jp | 1993-02-16 | F
djoel7@google.nl | 1992-09-25 | M
estorton8@comsenz.com | 2001-07-23 | F
vbestwerthick9@gov.uk | 2009-02-23 | M
acardenosaa@earthlink.net | 2010-07-13 | F
scutillb@vinaora.com | 2001-02-01 | F
gtinsey@tuttocitta.it | 1993-03-04 | M
efavilld@dell.com | 2010-05-30 | M
ecraydone@theatlantic.com | 2000-02-12 | M
tchristenef@army.mil | 2005-02-11 | M
cwaszczykg@mediafire.com | 1999-01-31 | F
brishworthh@miitbeian.gov.cn | 2008-10-11 | M
vvandenhofi@indiatimes.com | 1997-06-17 | M
qwakelingj@zimbio.com | 2009-01-04 | M
pyarek@tuttocitta.it | 1999-01-11 | F
bgrievesl@wordpress.com | 1999-07-01 | F
mlliccardim@addthis.com | 2008-06-28 | M
smerceyn@mapy.cz | 2004-01-23 | M
bcasacchia@geocities.jp | 1997-12-09 | M
(20 rows)
```

f. RESTAURANT

```
db22a004=> \d RESTAURANT;
      Table "tk_a4.restaurant"
      Column | Type | Collation | Nullable | Default
-----+-----+-----+-----+-----
rname | character varying(25) | | not null |
rbranch | character varying(25) | | not null |
email | character varying(50) | | not null |
rphonenumber | character varying(18) | | not null |
street | character varying(30) | | not null |
district | character varying(20) | | not null |
city | character varying(20) | | not null |
province | character varying(20) | | not null |
rating | integer | | not null | 0
rcategory | character varying(20) | | not null |

Indexes:
    "restaurant_pkey" PRIMARY KEY, btree (rname, rbranch)
Check constraints:
    "restaurant_rating_check" CHECK (rating >= 0 AND rating <= 10)
Foreign-key constraints:
    "restaurant_email_fkey" FOREIGN KEY (email) REFERENCES transaction_actor(email) ON UPDATE CASCADE ON DELETE CASCADE
    "restaurant_rcategory_fkey" FOREIGN KEY (rcategory) REFERENCES restaurant_category(id) ON UPDATE CASCADE ON DELETE CASCADE

db22a004=> |
```

```
db22a004=> SELECT * FROM TK_A4.RESTAURANT;
      rname | rbranch | email | rphonenumber | street | district | city | province | rating | rcategory
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----
Feedburner Eats | Bubutan | ctindleg@feedburner.com | 2158139651.0 | Jl Semarang 136-B | Bubutan | Surabaya | Jawa Timur | 10 | RC3
Warung Meks | Penjaringan | rborland@ebs.com | 5052407045.0 | Jl Pluit Karang Cantik XIII | Penjaringan | Jakarta | DKI Jakarta | 1 | RC3
Stanford Resto | Setiabudi | kcstagner@stanford.edu | 5053707083.0 | HR Rasuna Said Kav 1 | Setiabudi | Jakarta | DKI Jakarta | 2 | RC4
NatGeo Eats | Semarang Selatan | stucks@nationalgeographic.com | 3708683106.0 | Jl Letjen Muryono MT 992-994 | Semarang Selatan | Semarang | Jawa Tengah | 3 | RC4
Ovh Diner | Kebon Jeruk | jebbutt@ovh.net | 4437488211.0 | Jl Kedoya Utr 4 | Kebon Jeruk | Jakarta | DKI Jakarta | 4 | RC2
RM Xrea | Medan Kota | gironu@xrea.com | 2397527763.0 | Jl Jend Gatot Subroto 152 A | Medan Kota | Medan | Sumatera Utara | 5 | RC2
Warteg Yellowbook | Pakualaman | lsandey@yellowbook.com | 8009742944.0 | Jl Sultan Agung 34 | Pakualaman | Yogyakarta | DI Yogyakarta | 6 | RC5
Image Shack | Padenangan | dbarnett@imageshack.us | 6028283869.0 | Jl Baruna II 2 | Padenangan | Jakarta | DKI Jakarta | 7 | RC5
Warmindo Imgur | Taman Sari | tvigax@imgur.com | 6057081354.0 | Jl Pancoran 42 A | Taman Sari | Jakarta | DKI Jakarta | 8 | RC1
Warkop Ihg | Kacapiring | jwandsy@ihg.com | 9897877032.0 | Jl Jend A Yani 238 | Kacapiring | Bandung | Jawa Barat | 9 | RC1
(10 rows)
```

g. RESTAURANT_OPERATING_HOURS

```
db22a004=> \d RESTAURANT_OPERATING_HOURS;
Table "tk_a4.restaurant_operating_hours"
Column | Type | Collation | Nullable | Default
-----+-----+-----+-----+-----
name | character varying(25) | | not null |
branch | character varying(25) | | not null |
day | character varying(10) | | not null |
starthours | time without time zone | | not null |
endhours | time without time zone | | not null |
Indexes:
    "restaurant_operating_hours_pkey" PRIMARY KEY, btree (name, branch, day)
Foreign-key constraints:
    "restaurant_operating_hours_name_fkey" FOREIGN KEY (name, branch) REFERENCES restaurant(rname, rbranch) ON UPDATE CASCADE ON DELETE CASCADE
db22a004=> |
```

```
db22a004=> SELECT * FROM TK_A4.RESTAURANT_OPERATING_HOURS;
name | branch | day | starthours | endhours
-----+-----+-----+-----+-----
Feedburner Eats | Bubutan | Senin | 09:00:00 | 21:00:00
Feedburner Eats | Bubutan | Selasa | 07:00:00 | 19:00:00
Feedburner Eats | Bubutan | Rabu | 08:00:00 | 20:00:00
Warung Webs | Penjaringan | Kamis | 09:00:00 | 21:00:00
Warung Webs | Penjaringan | Jumat | 07:00:00 | 19:00:00
Warung Webs | Penjaringan | Sabtu | 08:00:00 | 20:00:00
Stanford Resto | Setiabudi | Minggu | 09:00:00 | 21:00:00
Stanford Resto | Setiabudi | Senin | 07:00:00 | 19:00:00
Stanford Resto | Setiabudi | Selasa | 08:00:00 | 20:00:00
NatGeo Eats | Semarang Selatan | Rabu | 09:00:00 | 21:00:00
NatGeo Eats | Semarang Selatan | Kamis | 07:00:00 | 19:00:00
NatGeo Eats | Semarang Selatan | Jumat | 08:00:00 | 20:00:00
Ovh Diner | Kebon Jeruk | Sabtu | 09:00:00 | 21:00:00
Ovh Diner | Kebon Jeruk | Minggu | 07:00:00 | 19:00:00
Ovh Diner | Kebon Jeruk | Senin | 08:00:00 | 20:00:00
RM Xrea | Medan Kota | Selasa | 09:00:00 | 21:00:00
RM Xrea | Medan Kota | Rabu | 07:00:00 | 19:00:00
RM Xrea | Medan Kota | Kamis | 08:00:00 | 20:00:00
Warteg Yellowbook | Pakualaman | Jumat | 09:00:00 | 21:00:00
Warteg Yellowbook | Pakualaman | Sabtu | 07:00:00 | 19:00:00
Warteg Yellowbook | Pakualaman | Minggu | 08:00:00 | 20:00:00
Image Shack | Pademangan | Senin | 09:00:00 | 21:00:00
Image Shack | Pademangan | Selasa | 07:00:00 | 19:00:00
Image Shack | Pademangan | Rabu | 08:00:00 | 20:00:00
Warmindo Imgur | Taman Sari | Kamis | 09:00:00 | 21:00:00
Warmindo Imgur | Taman Sari | Jumat | 07:00:00 | 19:00:00
Warmindo Imgur | Taman Sari | Sabtu | 08:00:00 | 20:00:00
Warkop Ihg | Kacapiring | Minggu | 09:00:00 | 21:00:00
Warkop Ihg | Kacapiring | Senin | 07:00:00 | 19:00:00
Warkop Ihg | Kacapiring | Selasa | 08:00:00 | 20:00:00
(30 rows)
```

h. RESTAURANT_CATEGORY

```
db22a004=> \d RESTAURANT_CATEGORY;
Table "tk_a4.restaurant_category"
Column | Type | Collation | Nullable | Default
-----+-----+-----+-----+-----
id | character varying(20) | | not null |
name | character varying(50) | | not null |
Indexes:
    "restaurant_category_pkey" PRIMARY KEY, btree (id)
```

```
db22a004=> SELECT * FROM TK_A4.RESTAURANT_CATEGORY;
id | name
----+-----
RC1 | Padang
RC2 | Java
RC3 | Western
RC4 | Japanese
RC5 | Thai
(5 rows)
```

i. FOOD_CATEGORY

```
db22a004=> \d FOOD_CATEGORY;
               Table "tk_a4.food_category"
  Column |          Type          | Collation | Nullable | Default
-----+-----+-----+-----+-----
 id      | character varying(20) |           | not null |
 name    | character varying(50) |           | not null |
Indexes:
    "food_category_pkey" PRIMARY KEY, btree (id)

db22a004=> |
```

```
db22a004=> SELECT * FROM TK_A4.FOOD_CATEGORY;
 id | name
----+-----
 FC1 | Padang
 FC2 | Java
 FC3 | Western
 FC4 | Japanese
 FC5 | Thai
(5 rows)
```

j. FOOD

```
db22a004=> \d F00D;
               Table "tk_a4.food"
  Column |          Type          | Collation | Nullable | Default
-----+-----+-----+-----+-----
 rname   | character varying(25) |           | not null |
 rbranch | character varying(25) |           | not null |
 foodname | character varying(50) |           | not null |
 description | text                |           |          |
 stock   | integer               |           | not null |
 price   | bigint                |           | not null |
 fcategory | character varying(20) |           | not null |
Indexes:
    "food_pkey" PRIMARY KEY, btree (rname, rbranch, foodname)
Foreign-key constraints:
    "food_fccategory_fkey" FOREIGN KEY (fcategory) REFERENCES food_category(id) ON UPDATE CASCADE ON DELETE CASCADE
    "food_rname_fkey" FOREIGN KEY (rname, rbranch) REFERENCES restaurant(rname, rbranch) ON UPDATE CASCADE ON DELETE CASCADE

db22a004=> |
```

```
db22a004=> SELECT * FROM TK_A4.F00D;
 rname | rbranch | foodname | description | stock | price | fcategory
-----+-----+-----+-----+-----+-----+-----
Feedburner Eats | Bubutan | Risotto | Fluffy and warm risotto | 7 | 20000 | FC3
Feedburner Eats | Bubutan | Casserole | Calming casserole | 8 | 25000 | FC3
Feedburner Eats | Bubutan | Carbonara | Soothing carbonara | 9 | 28000 | FC3
Warung Webs | Penjaringan | Risotto | Warm and fluffy risotto | 10 | 18000 | FC3
Warung Webs | Penjaringan | Casserole | Delightful casserole | 11 | 29000 | FC3
Warung Webs | Penjaringan | Carbonara | Creamy carbonara | 12 | 24000 | FC3
Stanford Resto | Setiabudi | Salmon Sashimi | Fresh cuts of salmon | 13 | 45000 | FC4
Stanford Resto | Setiabudi | Yakisoba | Chill and cold noodles | 14 | 48000 | FC4
Stanford Resto | Setiabudi | Tuna Nigiri | Thin slice of tuna over rice | 5 | 30000 | FC4
NatGeo Eats | Semarang Selatan | Salmon Sashimi | Fresh cuts of salmon | 6 | 45000 | FC4
NatGeo Eats | Semarang Selatan | Yakisoba | Chill and cold noodles | 7 | 48000 | FC4
NatGeo Eats | Semarang Selatan | Tuna Nigiri | Thin slice of tuna over rice | 8 | 30000 | FC4
Ovh Diner | Kebon Jeruk | Rujak Cingur | Fruits and veggies with sauce | 9 | 15000 | FC2
Ovh Diner | Kebon Jeruk | Rawon | Hearty beef stew | 10 | 20000 | FC2
Ovh Diner | Kebon Jeruk | Gudeg | Sweet and filling | 11 | 22000 | FC2
RM Xrea | Medan Kota | Rujak Cingur | Fruits and veggies with sauce | 12 | 15000 | FC2
RM Xrea | Medan Kota | Rawon | Hearty beef stew | 13 | 20000 | FC2
RM Xrea | Medan Kota | Gudeg | Sweet and filling | 14 | 22000 | FC2
Warteg Yellowbook | Pakualaman | Pad Thai | Spicy stir-fried noodles | 5 | 34000 | FC5
Warteg Yellowbook | Pakualaman | Tom Yum | Warm and sour soup | 6 | 24000 | FC5
Warteg Yellowbook | Pakualaman | Som Tam | Papaya salad | 7 | 20000 | FC5
Image Shack | Pademangan | Pad Thai | Spicy stir-fried noodles | 8 | 34000 | FC5
Image Shack | Pademangan | Tom Yum | Warm and sour soup | 9 | 24000 | FC5
Image Shack | Pademangan | Som Tam | Papaya salad | 10 | 20000 | FC5
Warmindo Imgur | Taman Sari | Rendang Sapi | Dry and flavorful beef | 11 | 20000 | FC1
Warmindo Imgur | Taman Sari | Dendeng Batoko | Spicy and flavorful beef slices | 12 | 20000 | FC1
Warmindo Imgur | Taman Sari | Ikan Asam Padeh | Sour and spicy fish | 13 | 20000 | FC1
Warkop Ihg | Kacapiring | Rendang Sapi | Dry and flavorful beef | 14 | 30000 | FC1
Warkop Ihg | Kacapiring | Dendeng Batoko | Spicy and flavorful beef slices | 5 | 30000 | FC1
Warkop Ihg | Kacapiring | Ikan Asam Padeh | Dry and flavorful beef | 6 | 30000 | FC1
(30 rows)
```

k. INGREDIENT

```
db22a004⇒ \d TK_A4.INGREDIENT;
Table "tk_a4.ingredient"
Column | Type | Collation | Nullable | Default
-----+-----+-----+-----+-----
id      | character varying(25) |          | not null |
name    | character varying(25) |          | not null |
Indexes:
    "ingredient_pkey" PRIMARY KEY, btree (id)
```

```
db22a004⇒ SELECT * FROM TK_A4.INGREDIENT;
 id | name
----+-----
  1 | Telur
  2 | Tomat
  3 | Kentang
  4 | Nasi
  5 | Bawang Bombay
  6 | Bawang Putih
  7 | Bawang Merah
  8 | Kecap Asin
  9 | Kecap Manis
 10 | Jamur
 11 | Saus Tiram
 12 | Tepung
 13 | Daging Ikan
 14 | Daging Sapi
 15 | Daging Ayam
 16 | Wortel
 17 | Daun Bawang
 18 | Kaldu Ayam
 19 | Roti
 20 | Brokoli
(20 rows)
```

l. FOOD_INGREDIENT

```
db22a004⇒ \d TK_A4.FOOD_INGREDIENT
Table "tk_a4.food_ingredient"
Column | Type | Collation | Nullable | Default
-----+-----+-----+-----+-----
rname   | character varying(25) |          | not null |
rbranch | character varying(25) |          | not null |
foodname | character varying(50) |          | not null |
ingredient | character varying(25) |          | not null |
Indexes:
    "food_ingredient_pkey" PRIMARY KEY, btree (rname, rbranch, foodname, ingredient)
Foreign-key constraints:
    "food_ingredient_ingredient_fkey" FOREIGN KEY (ingredient) REFERENCES ingredient(id)
    "food_ingredient_rname_fkey" FOREIGN KEY (rname, rbranch, foodname) REFERENCES food(rname, rbranch, foodname)
```



```
db22a004⇒ SELECT * FROM TK_A4.FOOD_INGREDIENT;
```

rname	rbranch	foodname	ingredient
Feedburner Eats	Bubutan	Risotto	4
Feedburner Eats	Bubutan	Risotto	7
Feedburner Eats	Bubutan	Risotto	10
Feedburner Eats	Bubutan	Risotto	18
Stanford Resto	Setiabudi	Salmon Sashimi	13
Stanford Resto	Setiabudi	Salmon Sashimi	8
Warmindo Imgur	Taman Sari	Rendang Sapi	2
Warmindo Imgur	Taman Sari	Rendang Sapi	3
Warmindo Imgur	Taman Sari	Rendang Sapi	6
Warmindo Imgur	Taman Sari	Rendang Sapi	7
Warmindo Imgur	Taman Sari	Rendang Sapi	8
Warmindo Imgur	Taman Sari	Rendang Sapi	12
Warmindo Imgur	Taman Sari	Rendang Sapi	14
Warmindo Imgur	Taman Sari	Rendang Sapi	16
Warung Webs	Penjaringan	Carbonara	1
Warung Webs	Penjaringan	Carbonara	2
Warung Webs	Penjaringan	Carbonara	6
Warung Webs	Penjaringan	Carbonara	15
Warung Webs	Penjaringan	Carbonara	17
Feedburner Eats	Bubutan	Carbonara	1
Feedburner Eats	Bubutan	Carbonara	2
Feedburner Eats	Bubutan	Carbonara	6
Feedburner Eats	Bubutan	Carbonara	15
Feedburner Eats	Bubutan	Carbonara	17
Feedburner Eats	Bubutan	Casserole	1
Feedburner Eats	Bubutan	Casserole	2
Feedburner Eats	Bubutan	Casserole	3
Feedburner Eats	Bubutan	Casserole	5
Feedburner Eats	Bubutan	Casserole	10
Feedburner Eats	Bubutan	Casserole	15

(38 rows)

m. TRANSACTION

```
db22a004⇒ \d TK_A4.TRANSACTION
```

Column	Type	Collation	Nullable	Default
email	character varying(50)		not null	
datetime	timestamp without time zone		not null	
street	character varying(30)		not null	
district	character varying(30)		not null	
city	character varying(25)		not null	
province	character varying(25)		not null	
totalfood	integer		not null	
totaldiscount	double precision		not null	
deliveryfee	double precision		not null	
totalprice	double precision		not null	
rating	integer		not null	
psid	character varying(25)		not null	
dfid	character varying(25)		not null	
courierid	character varying(50)		not null	

Indexes:

- "transaction_pkey" PRIMARY KEY, btree (email, datetime)

Foreign-key constraints:

- "transaction_courierid_fkey" FOREIGN KEY (courierid) REFERENCES courier(email)
- "transaction_dfid_fkey" FOREIGN KEY (dfid) REFERENCES delivery_fee_per_km(id)
- "transaction_email_fkey" FOREIGN KEY (email) REFERENCES customer(email)
- "transaction_psid_fkey" FOREIGN KEY (psid) REFERENCES payment_method(id)
- "transaction_psid_fkey" FOREIGN KEY (psid) REFERENCES payment_status(id)

Referenced by:

TABLE "transaction_history" CONSTRAINT "transaction_history_email_fkey" FOREIGN KEY (email, datetime) REFERENCES transaction(email, datetime) ON UPDATE CASCADE ON DELETE CASCADE

```
db22a004⇒ SELECT * FROM TK_A4.TRANSACTION;
```

email	datetime	street	district	city	province	totalfood	totaldiscount	deliveryfee	totalprice	rating	psid	dfid	courierid
zandref@cafepress.com	2017-07-23 00:00:00	Jln. Penny No. 82	Alir Putih	Batubara	Sumatera Utara	120000	1000	12939	131939	5	1	63569092fc13ae04b700022c	3
ecoster@dogo.ne.jp	2020-12-30 00:00:00	Jln. Kemayoran No. 37	Pandau Halu	Medan	Sumatera Utara	100000	32000	15424	83424	5	1	63569092fc13ae04b700022d	1
djoe7@google.nl	2021-10-05 00:00:00	Jln. Batdat No. 86	Tambora	Angie	Jakarta Barat	50000	32100	31124	40014	4	2	63569092fc13ae04b700022b	2
estortom@comsenz.com	2018-05-12 00:00:00	Jln. Soekarno Baru No. 57	Johar Baru	Johar Baru	Jakarta Tengah	30000	10102	39239	15381	3	1	63569092fc13ae04b700022c	5
vbesweth@icloud.gov.uk	2019-10-10 00:00:00	Jln. Masyarakat No. 59	Anggara	Rutal Hartanegara	Kalimantan Timur	50000	12041	94253	96112	4	3	63569092fc13ae04b700022c	4
acandinas@earthlink.net	2017-05-05 00:00:00	Jln. Merdeka Lank No. 10	Masara Rosas	Paser	Kalimantan Timur	30000	31503	32142	29209	5	1	63569092fc13ae04b700022c	7
scutill@devinaora.com	2022-05-07 00:00:00	Jln. Lee Hiong Hee No. 98	Air Buaya	Baru	Malaka	50190	12901	15251	52540	4	1	63569092fc13ae04b700022c	9
gliney@tiscali.it	2022-09-10 00:00:00	Jln. Tiduran No. 100	Anyar	Serang	Banten	20000	0	35306	38345	5	5	63569092fc13ae04b700022b	8
eravill@deli.com	2021-01-24 00:00:00	Jln. Kuku No. 7	Bimang	Potowali Mandar	Sulawesi Barat	60000	12310	63565	120155	1	4	63569092fc13ae04b700022d	6
ecraymond@theatlantic.com	2021-11-09 00:00:00	Jln. Kebahagiaan No. 29	Dilingo	Bantai	D.I.Y	70000	3100	12415	88315	2	3	63569092fc13ae04b700022e	10

(10 rows)

n. DELIVERY_FEE_PER_KM

```
db22a004⇒ \d TK_A4.DELIVERY_FEE_PER_KM;
          Table "tk_a4.delivery_fee_per_km"
  Column |          Type          | Collation | Nullable | Default
-----+-----+-----+-----+-----
id       | character varying(20)  |           | not null |
province | character varying(25)  |           | not null |
motorfee | integer                |           | not null |
carfee   | integer                |           | not null |
Indexes:
    "delivery_fee_per_km_pkey" PRIMARY KEY, btree (id)
```

```
db22a004⇒ SELECT * FROM TK_A4.DELIVERY_FEE_PER_KM;
 id | province | motorfee | carfee
----+-----+-----+-----
  1 | Jawa Timur | 13000 | 20000
  2 | Jawa Barat | 14000 | 30000
  3 | Kalimantan Timur | 10000 | 15000
  4 | Sumatera Utara | 10000 | 14000
  5 | Aceh | 10000 | 13000
  6 | Jakarta | 20000 | 30000
  7 | Bangka Belitung | 11000 | 20000
  8 | Sulawesi Tengah | 10000 | 18000
  9 | Bengkulu | 13000 | 20000
 10 | Bali | 50000 | 100000
(10 rows)
```

o. PAYMENT_METHOD

```
db22a004⇒ \d TK_A4.PAYMENT_METHOD;
          Table "tk_a4.payment_method"
  Column |          Type          | Collation | Nullable | Default
-----+-----+-----+-----+-----
id       | character varying(25)  |           | not null |
name     | character varying(25)  |           | not null |
Indexes:
    "payment_method_pkey" PRIMARY KEY, btree (id)
```

```
db22a004⇒ SELECT * FROM TK_A4.PAYMENT_METHOD;
 id | name
----+-----
  1 | GoPay
  2 | QRIS
  3 | Cash
  4 | Dana
  5 | ShopeePay
(5 rows)
```

p. PAYMENT_STATUS

```
db22a004=> \d TK_A4.PAYMENT_STATUS
Table "tk_a4.payment_status"
Column |          Type          | Collation | Nullable | Default
-----+-----+-----+-----+-----
id      | character varying(25) |           | not null |
name    | character varying(25) |           | not null |
Indexes:
    "payment_status_pkey" PRIMARY KEY, btree (id)
```

	id	name
1	635690f2fc13ae44b700022c	Paid
2	635690f2fc13ae44b700022d	Unpaid
3	635690f2fc13ae44b700022e	Failed

[2022-10-24 20:37:29] Connected

```
db22a004.public> SELECT t.*
                    FROM tk_a4.payment_status t
```

q. TRANSACTION_STATUS

```
db22a004=> \d TK_A4.TRANSACTION_STATUS
Table "tk_a4.transaction_status"
Column |          Type          | Collation | Nullable | Default
-----+-----+-----+-----+-----
id      | character varying(25) |           | not null |
name    | character varying(25) |           | not null |
Indexes:
    "transaction_status_pkey" PRIMARY KEY, btree (id)
```

	id	name
1	63569189fc13ae3f8d0000ef	Completed
2	63569189fc13ae3f8d0000f0	Processing
3	63569189fc13ae3f8d0000f1	Pending
4	63569189fc13ae3f8d0000f2	Cancelled
5	63569189fc13ae3f8d0000f3	Refunded

[2022-10-24 20:37:59] Connected

```
db22a004.public> SELECT t.*
                    FROM tk_a4.transaction_status t
```

r. TRANSACTION_FOOD

```
db22a004=> \d TK_A4.TRANSACTION_FOOD
Table "tk_a4.transaction_food"
Column |          Type          | Collation | Nullable | Default
-----+-----+-----+-----+-----
email  | character varying(50)  |           | not null |
datetime | timestamp without time zone |         | not null |
rname  | character varying(50)  |           | not null |
rbranch | character varying(25)  |           | not null |
foodname | character varying(50)  |           | not null |
amount | integer                |           | not null |
note   | character varying(255) |           |          |

Indexes:
    "transaction_food_pkey" PRIMARY KEY, btree (email, datetime, rname, rbranch, foodname)
Foreign-key constraints:
    "transaction_food_email_fkey" FOREIGN KEY (email, datetime) REFERENCES tk_a4.transaction(email, datetime) ON UPDATE CASCADE ON DELETE CASCADE
    "transaction_food_rname_fkey" FOREIGN KEY (rname, rbranch, foodname) REFERENCES tk_a4.food(rname, rbranch, foodname) ON UPDATE CASCADE ON DELETE CASCADE
```

	email	datetime	rname	rbranch	foodname	amount	note
1	zmandre5@cafepress.com	2017-07-23 00:00:00.000000	Feedburner Eats	Bubutan	Risotto	7	Extra Sauce
2	ecosterd6@goo.ne.jp	2020-12-30 00:00:00.000000	Warung Webs	Penjaringan	Casserole	1	No onion
3	djoel7@google.nl	2021-10-05 00:00:00.000000	Stanford Resto	Setiabudi	Tuna Nigiri	5	<null>
4	estorton8@comsenz.com	2018-05-12 00:00:00.000000	NatGeo Eats	Semarang Selatan	Salmon Sashimi	2	No spicy
5	vbestwerthick9@gov.uk	2019-10-10 00:00:00.000000	Ovh Diner	Kebon Jeruk	Gudeg	7	<null>
6	acardenosaa@earthlink.net	2017-05-05 00:00:00.000000	Warung Webs	Penjaringan	Carbonara	6	<null>
7	scutillb@vinaora.com	2022-05-07 00:00:00.000000	RM Xrea	Medan Kota	Rujak Cingur	9	Extra Sauce
8	gtinseyc@tuttocitta.it	2022-09-10 00:00:00.000000	Warteg Yellowbook	Pakualaman	Tom Yum	3	<null>
9	efavilld@dell.com	2021-01-24 00:00:00.000000	Image Shack	Pademangan	Pad Thai	2	Extra Cheese
10	ecraydone@theatlantic.com	2021-11-09 00:00:00.000000	Warmindo Imgur	Taman Sari	Dendeng Batoko	1	<null>

[2022-10-28 08:31:53] Connected

```
db22a004 public> SELECT t.*
                FROM tk_a4.transaction_food t
                LIMIT 501
```

[2022-10-28 08:31:53] 10 rows retrieved starting from 1 in 168 ms (execution: 24 ms, fetching: 144 ms)

s. TRANSACTION_HISTORY

```
db22a004=> \d TK_A4.TRANSACTION_HISTORY
Table "tk_a4.transaction_history"
  Column      |      Type      | Collation | Nullable | Default
-----+-----+-----+-----+-----
email         | character varying(50) |          | not null |
datetime      | timestamp without time zone |          | not null |
tsid          | character varying(25) |          | not null |
datetimestatus | timestamp without time zone |          | not null |
Indexes:
    "transaction_history_pkey" PRIMARY KEY, btree (email, datetime, tsid)
Foreign-key constraints:
    "transaction_history_email_fkey" FOREIGN KEY (email, datetime) REFERENCES tk_a4.transaction(email, datetime) ON UPDATE CASCADE ON DELETE CASCADE
    "transaction_history_tsid_fkey" FOREIGN KEY (tsid) REFERENCES tk_a4.transaction_status(id) ON UPDATE CASCADE ON DELETE CASCADE
```

	email	datetime	tsid	datetimestatus
1	zmandre5@cafepress.com	2017-07-23 00:00:00.000000	63569189fc13ae3f8d0000ef	2017-07-25 00:00:00.000000
2	ecosterd6@goo.ne.jp	2020-12-30 00:00:00.000000	63569189fc13ae3f8d0000f2	2020-12-31 00:00:00.000000
3	djoel7@google.nl	2021-10-05 00:00:00.000000	63569189fc13ae3f8d0000ef	2021-10-08 00:00:00.000000
4	estorton8@comsenz.com	2018-05-12 00:00:00.000000	63569189fc13ae3f8d0000f2	2018-05-15 00:00:00.000000
5	vbestwerthick9@gov.uk	2019-10-10 00:00:00.000000	63569189fc13ae3f8d0000f0	2019-10-12 00:00:00.000000
6	acardenosaa@earthlink.net	2017-05-05 00:00:00.000000	63569189fc13ae3f8d0000f2	2017-05-06 00:00:00.000000
7	scutillb@vinaora.com	2022-05-07 00:00:00.000000	63569189fc13ae3f8d0000f3	2022-05-14 00:00:00.000000
8	gtinseyc@tuttocitta.it	2022-09-10 00:00:00.000000	63569189fc13ae3f8d0000f1	2022-09-14 00:00:00.000000
9	efavilld@dell.com	2021-01-24 00:00:00.000000	63569189fc13ae3f8d0000ef	2021-01-26 00:00:00.000000
10	ecraydone@theatlantic.com	2021-11-09 00:00:00.000000	63569189fc13ae3f8d0000f3	2021-11-12 00:00:00.000000

```
[2022-10-28 20:30:54] Connected
db22a004.public> SELECT t.*
                  FROM tk_a4.transaction_history t
                  LIMIT 501
[2022-10-28 20:30:54] 10 rows retrieved starting from 1 in 49 ms (execution: 18 ms, fetching: 31 ms)
```

t. PROMO

```
db22a004=> CREATE TABLE PROMO(
db22a004(>   id_promo VARCHAR(25) NOT NULL,
db22a004(>   PromoName VARCHAR(25) NOT NULL,
db22a004(>   Discount INTEGER NOT NULL,
db22a004(>   PRIMARY KEY (id_promo),
db22a004(>   check (Discount > 0),
db22a004(>   check (Discount <= 100)
db22a004(> );
CREATE TABLE
db22a004=> \d PROMO;
Table "tk_a4.promo"
  Column      |      Type      | Collation | Nullable | Default
-----+-----+-----+-----+-----
id_promo      | character varying(25) |          | not null |
promoname     | character varying(25) |          | not null |
discount      | integer          |          | not null |
Indexes:
    "promo_pkey" PRIMARY KEY, btree (id_promo)
Check constraints:
    "promo_discount_check" CHECK (discount > 0)
    "promo_discount_check1" CHECK (discount <= 100)

db22a004=> █
```

```
db22a004=> SELECT * FROM PROMO;
```

id_promo	promoname	discount
P1	tumblr day	64
P2	tasty	91
P3	golden	48
P4	howard	71
P5	hoky	26
P6	mulaiajadulu	7
P7	hariindah	93
P8	genz	37
P9	pahlawan	5
P10	buatkamu	74
P11	halloween	33
P12	valentine	32
P13	harisantri	10
P14	patahati	81
P15	kasihsayang	30
P16	mantanterindah	11
P17	temantan	44
P18	cashback10k	58
P19	makanterus	66
P20	stopdiet	67

(20 rows)

u. MIN_TRANSACTION_PROMO

```
db22a004=> CREATE TABLE MIN_TRANSACTION_PROMO(
db22a004(> id_min_transaction_promo VARCHAR(25) NOT NULL,
db22a004(> MinimumTransactionNum INTEGER NOT NULL,
db22a004(> PRIMARY KEY (id_min_transaction_promo),
db22a004(> FOREIGN KEY (id_min_transaction_promo) REFERENCES PROMO(id_promo)
db22a004(> ON UPDATE CASCADE ON DELETE CASCADE
db22a004(> );
CREATE TABLE
db22a004=> \d MIN_TRANSACTION_PROMO;
```

Column	Type	Collation	Nullable	Default
id_min_transaction_promo	character varying(25)		not null	
minimumtransactionnum	integer		not null	

Indexes:

"min_transaction_promo_pkey" PRIMARY KEY, btree (id_min_transaction_promo)

Foreign-key constraints:

"min_transaction_promo_id_min_transaction_promo_fkey" FOREIGN KEY (id_min_transaction_promo) REFERENCES promo(id_promo) ON UPDATE CASCADE ON DELETE CASCADE

```
db22a004=> SELECT * FROM MIN_TRANSACTION_PROMO;
```

id_min_transaction_promo	minimumtransactionnum
P1	170000
P11	50000
P3	125000
P13	300000
P5	250000
P15	400000
P7	350000
P17	430000
P9	100000
P19	110000

(10 rows)

v. SPECIAL_DAY_PROMO

```
db22a004=> CREATE TABLE SPECIAL_DAY_PROMO(
db22a004(> id_special_day_promo VARCHAR(25) NOT NULL,
db22a004(> Date DATE NOT NULL,
db22a004(> PRIMARY KEY (id_special_day_promo),
db22a004(> FOREIGN KEY (id_special_day_promo) REFERENCES PROMO(id_promo)
db22a004(> ON UPDATE CASCADE ON DELETE CASCADE
db22a004(> );
CREATE TABLE
db22a004=> \d SPECIAL_DAY_PROMO;
Table "tk_a4.special_day_promo"
-----
Column          | Type                | Collation | Nullable | Default
-----
id_special_day_promo | character varying(25) |           | not null |
date              | date                |           | not null |
Indexes:
    "special_day_promo_pkey" PRIMARY KEY, btree (id_special_day_promo)
Foreign-key constraints:
    "special_day_promo_id_special_day_promo_fkey" FOREIGN KEY (id_special_day_promo) REFERENCES promo(id_promo) ON UPDATE CASCADE ON DELETE CASCADE
db22a004=> █
```

```
db22a004=> SELECT * FROM SPECIAL_DAY_PROMO;
id_special_day_promo | date
-----
P2                   | 2022-08-12
P12                  | 2020-11-29
P4                   | 2021-03-15
P14                  | 2020-11-12
P6                   | 2021-04-28
P16                  | 2021-05-01
P8                   | 2021-07-31
P18                  | 2020-04-15
P10                  | 2021-12-03
P20                  | 2020-12-02
(10 rows)
```

w. RESTAURANT_PROMO

```
db22a004=> CREATE TABLE RESTAURANT_PROMO(
db22a004(> RName VARCHAR(25) NOT NULL,
db22a004(> RBranch VARCHAR(25) NOT NULL,
db22a004(> FoodName VARCHAR(50) NOT NULL,
db22a004(> Pid VARCHAR(25) NOT NULL,
db22a004(> start_promo TIMESTAMP NOT NULL,
db22a004(> end_promo TIMESTAMP NOT NULL,
db22a004(> PRIMARY KEY (RName, RBranch, FoodName, Pid),
db22a004(> FOREIGN KEY (RName, RBranch, FoodName) REFERENCES FOOD(RName, RBranch, FoodName)
db22a004(> ON UPDATE CASCADE ON DELETE CASCADE,
db22a004(> FOREIGN KEY (Pid) REFERENCES PROMO(id_promo)
db22a004(> ON UPDATE CASCADE ON DELETE CASCADE
db22a004(> );
CREATE TABLE
db22a004=> \d RESTAURANT_PROMO;
Table "tk_a4.restaurant_promo"
-----
Column          | Type                | Collation | Nullable | Default
-----
rname            | character varying(25) |           | not null |
rbranch          | character varying(25) |           | not null |
foodname         | character varying(50) |           | not null |
pid              | character varying(25) |           | not null |
start_promo      | timestamp without time zone |           | not null |
end_promo        | timestamp without time zone |           | not null |
Indexes:
    "restaurant_promo_pkey" PRIMARY KEY, btree (rname, rbranch, foodname, pid)
Foreign-key constraints:
    "restaurant_promo_pid_fkey" FOREIGN KEY (pid) REFERENCES promo(id_promo) ON UPDATE CASCADE ON DELETE CASCADE
    "restaurant_promo_rname_fkey" FOREIGN KEY (rname, rbranch, foodname) REFERENCES food(rname, rbranch, foodname) ON UPDATE CASCADE ON DELETE CASCADE
```

```

db22a004=> SELECT * FROM RESTAURANT_PROMO;

```

rname	rbranch	foodname	pid	start_promo	end_promo
Warung Webs	Penjaringan	Risotto	P3	2022-02-02 12:00:00	2022-02-08 00:00:00
Feedburner Eats	Bubutan	Carbonara	P3	2022-01-03 00:00:00	2022-01-05 12:00:00
Warteg Yellowbook	Pakualaman	Som Tam	P4	2021-03-15 00:00:00	2021-03-15 21:00:00
Image Shack	Pademangan	Pad Thai	P3	2021-08-02 00:00:00	2021-08-04 12:00:00
Warmindo Imgur	Taman Sari	Ikan Asam Padeh	P4	2021-03-15 00:00:00	2021-03-15 21:00:00
Warkop Ihg	Kacapiring	Rendang Sapi	P5	2021-12-28 00:00:00	2021-12-29 00:00:00
Ovh Diner	Kebon Jeruk	Gudeg	P2	2022-08-12 00:00:00	2022-08-12 21:00:00
RM Xrea	Medan Kota	Rujak Cingur	P17	2022-08-13 12:00:00	2022-08-27 00:00:00
NatGeo Eats	Semarang Selatan	Yakisoba	P17	2022-03-22 00:00:00	2022-03-29 12:00:00
NatGeo Eats	Semarang Selatan	Tuna Nigiri	P19	2022-03-28 00:00:00	2022-04-10 12:00:00

```

(10 rows)

```


Code of Conduct :

Kami menyatakan bahwa Tugas Kelompok ini kami kerjakan dengan usaha kami sendiri. Kami tidak menyalin jawaban dari sumber manapun. Kami bertanggung jawab menjaga agar jawaban Tugas Kelompok kami tidak disalin oleh peserta kelompok lainnya.

Proporsi pengerjaan Tugas Kelompok adalah sbb:

No	NPM	Nama Anggota	Deskripsi Tugas	Kontribusi (0-5)				
				1	2	3	4	5
1	2106630012	Valerian Salim	<i>Membuat table dan dummy data K, L, M, N, O</i>		5	5	5	5
2	2106652070	Nayyara Airlangga Raharjo	<i>Membuat tabel dan dummy data F, G, H, I, J</i>	5		5	5	5
3	2106702182	Dhina Rotua Mutiara	<i>Membuat tabel dan dummy data A, B, C, D, dan E</i>	5	5		5	5
4	2006485850	Nafidz Abiyyu Hanief	<i>Membuat tabel dan dummy data T, U, V, dan W</i>	5	5	5		5
5	2106653602	Eduardus Tjitrahardja	<i>Membuat tabel dan dummy data P, Q, R, S</i>	5	5	5	5	