



CIS 321 PROJECT MILESTONE (3): Mapped Tables Filled with data

Project Group Number (in Blackboard): Group (2)

Section Number: • Group (5)

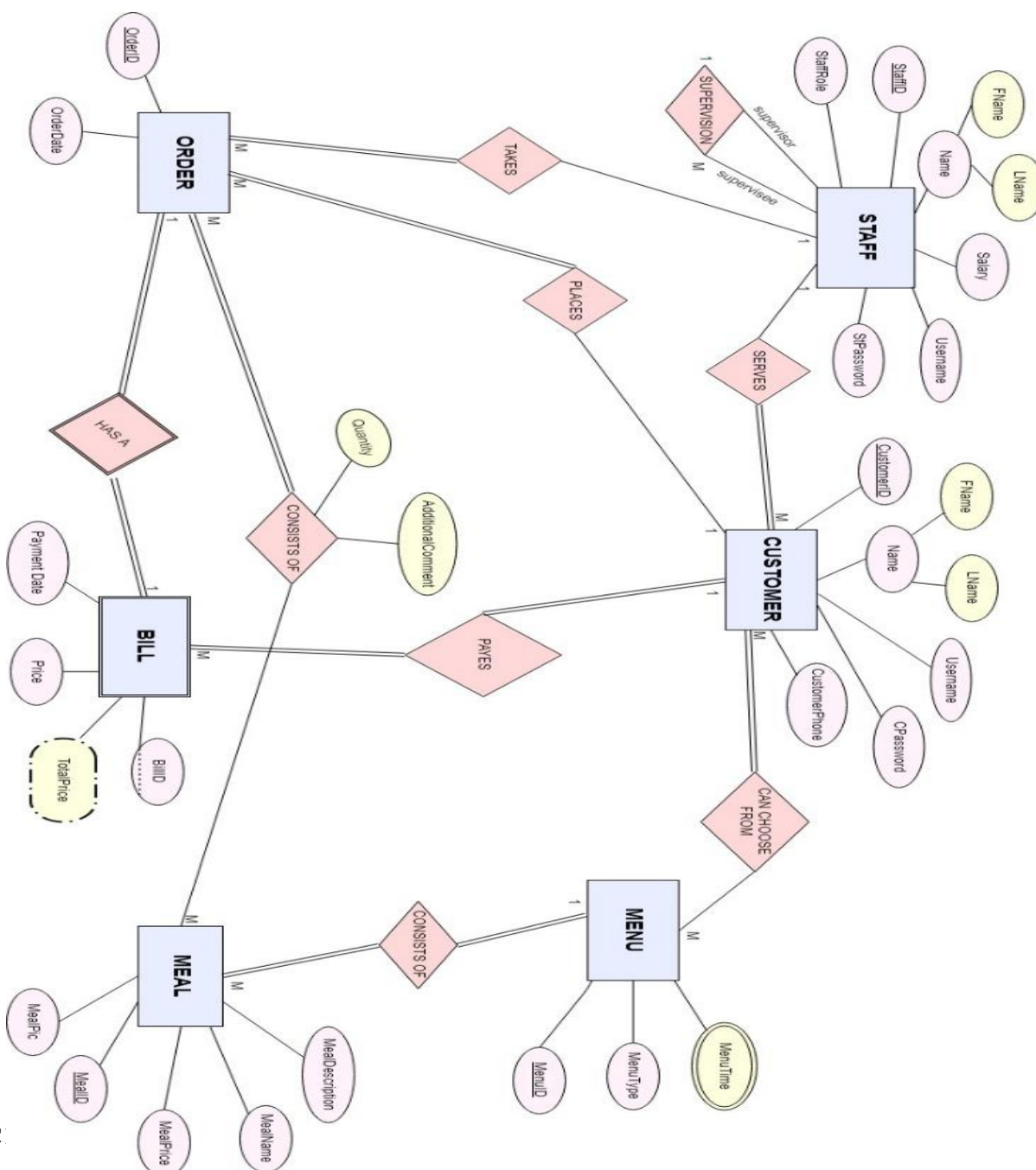
Project Title: Code 4 Food

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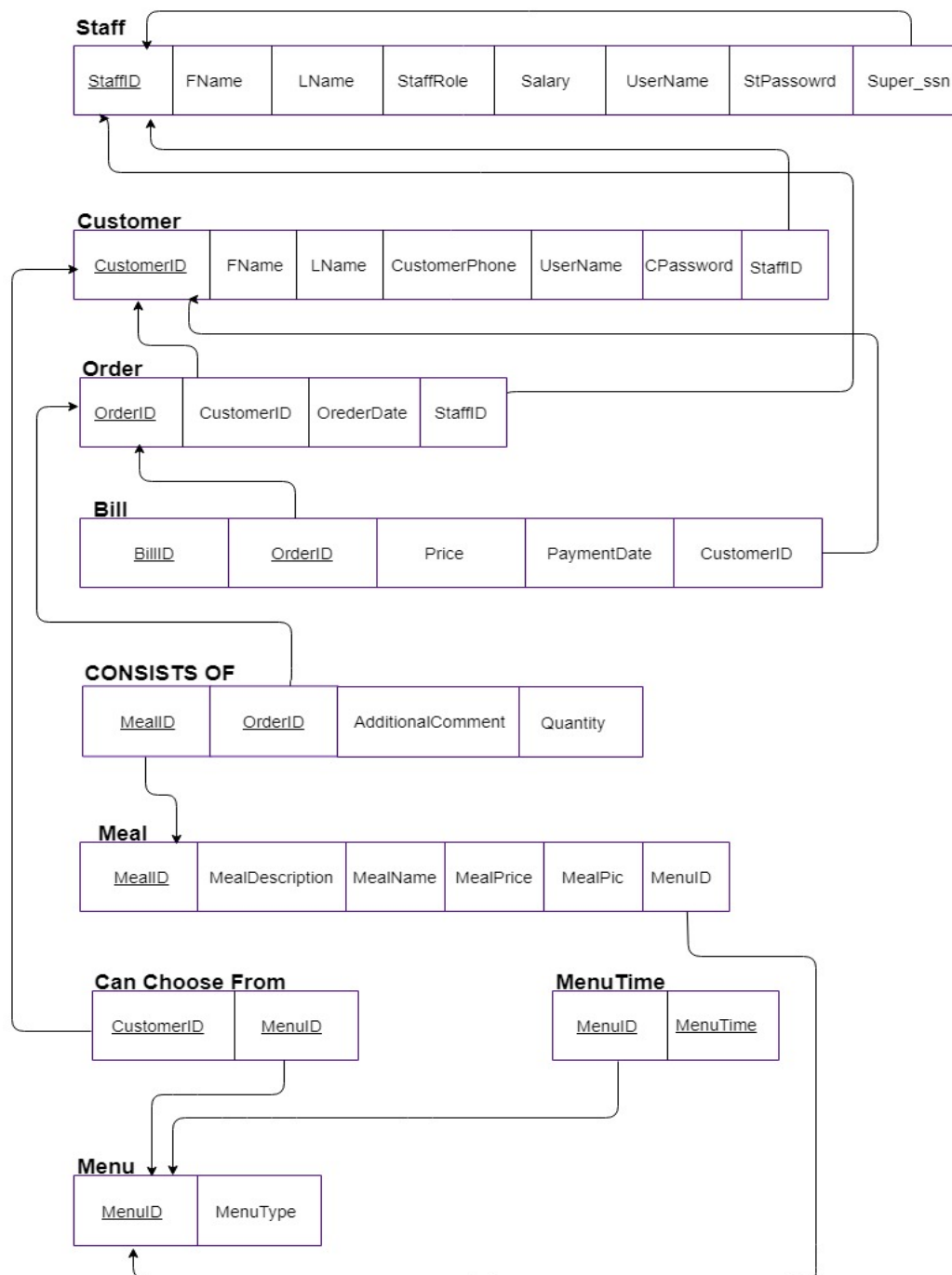
Date of Submission:

C





MAPPING of your ER diagram into Database Schema:





Tables with full specification of data types for all fields ,constraint and Keys:

```
create table staff
(
  staffID int(10) ,
  FName varchar(45),
  LName varchar(45),
  staffRole varchar(45),
  Salary double,
  UserName varchar(45),
  stPassword varchar(45),
  Supper_ssn int(10),
  primary key (staffID),
  foreign key (Supper_ssn) references staff (staffID)
);
##-----
use Code4Food;

create table customer
(
  customerID int(10) ,
  FName varchar(45),
  LName varchar(45),
  customerPhone int(10),
  UserName varchar(45),
  cPassword varchar(45),
  staffID int(10) ,
  primary key (customerID),
  foreign key (staffID) references staff (staffID) );
##-----
use Code4Food;
create table oorder
(
  oorderID int(10) ,
  oorderDate date,
  customerID int(10) ,
  staffID int(10) ,
  primary key (oorderID),
  foreign key (staffID) references staff (staffID),
  foreign key (customerID) references customer (customerID)
);
```



```
##-----
use Code4Food;
create table bill
(
  billID int(10) ,
  oorderID int(10) ,
  paymentDate date,
  Price double,
  customerID int(10) ,
  primary key (billID,oorderID),
  foreign key (oorderID) references order (oorderID),
  foreign key (customerID) references customer (customerID)
);
##-----
use Code4Food;
create table menu
(
  menuID int(10) ,
  menuType varchar(45),
  primary key (menuID)
);

##-----
use Code4Food;
create table meal
(
  mealID int(10) ,
  mealName varchar(45),
  mealPrice double,
  menuID int(10) ,
  mealDescription varchar(2000),
  mealPic blob,
  primary key (mealID),
  foreign key (menuID) references menu (menuID)
);

##-----

use Code4Food;
create table consists_Of

(
  mealID int(10) ,oorderID int(10) ,
```

```
Quantity int(10) ,
AdditionalComment varchar(45),
primary key (mealID,orederID),
foreign key (orederID) references order (orederID),
foreign key (mealID) references meal (mealID)
);
```

```
##-----
use Code4Foood;
create table can_Choose_From
(
customerID int(10) ,
menuID int(10),
primary key (menuID,customerID),
foreign key (customerID) references customer (customerID),
foreign key (menuID) references menu (menuID)
);
```

```
##-----
use Code4Foood;
create table menuTime
(
menuTime varchar(45),
menuID int(10),
primary key (menuID,menuTime),
foreign key (menuID) references menu (menuID)
);
```

Fill Tables with 10 records:

-BILL TABLE

	billID	orederID	paymentDate	Price	customerID
	5001	1	2019-03-03	80	2001
	5002	2	2019-03-04	50	2003
	5003	3	2019-03-04	80	2005
	5004	4	2019-03-05	30	2004
	5005	5	2019-03-13	115	2006
	5006	6	2019-03-14	46	2007
	5007	7	2019-03-03	61	2008
	5008	8	2019-03-08	170	2009
	5009	9	2019-03-09	120	2010
▶	5010	10	2019-03-09	45	2010
•	NULL	NULL	NULL	NULL	NULL

ALTER TABLE bill AUTO_INCREMENT=5001;

Insert into bill (billID,orederID,paymentDate,Price,customerID)
values

(5001,1,'2019-03-03',80,2001),
(5002,2,'2019-03-04',50,2003),
(5003,3,'2019-03-04',80,2005),
(5004,4,'2019-03-05',30,2004),
(5005,5,'2019-03-13',115,2006),
(5006,6,'2019-03-14',46,2007),
(5007,7,'2019-03-03',61,2008),
(5008,8,'2019-03-08',170,2009),
(5009,9,'2019-03-09',120,2010),
(5010,10,'2019-03-09',45,2010);

Fill Tables with 10 records:

-CAN_CHOOSE_FROM TABLE

	customerID	menuID
▶	2001	120
	2001	121
	2001	122
	2001	123
	2002	120
	2002	121
	2002	122
	2002	123
	2003	120
	2003	121
	2003	122
	2003	123
	2004	120
	2004	121
	2004	122
	2004	123
	2005	120
	2005	121
	2005	122

```
insert into can_Choose_From (customerID,menuID)
values
(2001,120),
(2001,121),
(2001,122),
(2001,123),
(2002,120),
(2002,121),
(2002,122),
(2002,123),
(2003,120),
(2003,121),
(2003,122),
(2003,123),
(2004,120),
(2004,121),
(2004,122),
(2004,123),
(2005,120),
(2005,121),
(2005,122),
(2005,123),
(2006,120),
(2006,121),
(2006,122),
(2006,123),
(2007,120),
(2007,121),
(2007,122),
(2007,123),
(2008,120),
(2008,121),
(2008,122),
(2008,123),
(2009,120),
(2009,121),
(2009,122),
(2009,123),
(2010,120),
(2010,121),
(2010,122),
(2010,123);
```




Fill Tables with 10 records:

-CUSTOMER TABLE

	customerID	FName	LName	customerPhonee	UserName	cPassword	staffID
▶	2001	Sara	Mohammed	503112233	@SaraMohammed_	SM2009AA*	1004
	2002	Fahad	Ahmed	505013441	@Fahood101	32FF10111	1003
	2003	Maryam	Ali	505084251	@MaryamALI10	MA21-@12	1001
	2004	Sema	Abo Almakarim	503814302	@Samasema	Sema0Sem	1010
	2005	Rayan	Alfraraj	506102934	@AlfarajRN	RNfraj123	1003
	2006	Nasser	Ali	505851148	@NasserAN	NasserAN#1	1004
	2007	Wejdan	Mohammed	503045862	@WejdanMohammedF	WMF123*12	1001
	2008	Fares	Nedhal	507712875	@Fares_Nedhal	Faro100@Nedh	1010
	2009	Huda	Hassan	503782145	@Huda_H	HHMF@100	1003
	2010	Lamyaa	Zaki	504125890	@LamooyaZ	Lam00ya12#	1001
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

```
ALTER TABLE customer AUTO_INCREMENT=2001;
INSERT INTO customer (customerID,FName , LName , customerPhonee , UserName , cPassword ,
staffID )
values
( 2001,'Sara' , 'Mohammed', 0503112233 , '@SaraMohammed_' , 'SM2009AA*' , 1004 ),
(2002,'Fahad' , 'Ahmed', 0505013441 , '@Fahood101' , '32FF10111', 1003),
(2003,'Maryam' , 'Ali', 0505084251 , '@MaryamALI10' , 'MA21-@12', 1001),
(2004,'Sema' , 'Abo Almakarim', 0503814302 , '@Samasema' , 'Sema0Sem', 1010),
(2005,'Rayan' , 'Alfraraj', 0506102934 , '@AlfarajRN' , 'RNfraj123', 1003),
(2006,'Nasser' , 'Ali', 0505851148 , '@NasserAN' , 'NasserAN#1', 1004),
(2007,'Wejdan' , 'Mohammed', 0503045862 , '@WejdanMohammedF' , 'WMF123*12', 1001),
(2008,'Fares' , 'Nedhal', 0507712875 , '@Fares_Nedhal' , 'Faro100@Nedh', 1010),
(2009,'Huda' , 'Hassan', 0503782145 , '@Huda_H' , 'HHMF@100', 1003),
(2010,'Lamyaa' , 'Zaki', 0504125890 , '@LamooyaZ' , 'Lam00ya12#', 1001);
```

Fill Tables with 10 records:

-ORDER TABLE

	orederID	orederDate	customerID	staffID
▶	1	2019-03-03	2001	1001
	2	2019-03-04	2003	1003
	3	2019-03-04	2005	1004
	4	2019-03-05	2004	1005
	5	2019-03-13	2006	1001
	6	2019-03-14	2007	1001
	7	2019-03-03	2008	1001
	8	2019-03-08	2009	1005
	9	2019-03-09	2010	1003
	10	2019-03-09	2002	1004
●	NULL	NULL	NULL	NULL

```

INSERT INTO `code4foood`.`oreder` (`orederID`, `orederDate`, `customerID`, `staffID`) VALUES ('0001', '2019-03-03', '2001', '1001');
INSERT INTO `code4foood`.`oreder` (`orederID`, `orederDate`, `customerID`, `staffID`) VALUES ('0002', '2019-03-04', '2003', '1003');
INSERT INTO `code4foood`.`oreder` (`orederID`, `orederDate`, `customerID`, `staffID`) VALUES ('0003', '2019-03-04', '2005', '1004');
INSERT INTO `code4foood`.`oreder` (`orederID`, `orederDate`, `customerID`, `staffID`) VALUES ('0004', '2019-03-05', '2004', '1005');
INSERT INTO `code4foood`.`oreder` (`orederID`, `orederDate`, `customerID`, `staffID`) VALUES ('0005', '2019-03-13', '2006', '1001');
INSERT INTO `code4foood`.`oreder` (`orederID`, `orederDate`, `customerID`, `staffID`) VALUES ('0006', '2019-03-14', '2007', '1001');
INSERT INTO `code4foood`.`oreder` (`orederID`, `orederDate`, `customerID`, `staffID`) VALUES ('0007', '2019-03-03', '2008', '1001');
INSERT INTO `code4foood`.`oreder` (`orederID`, `orederDate`, `customerID`, `staffID`) VALUES ('0008', '2019-03-08', '2009', '1005');
INSERT INTO `code4foood`.`oreder` (`orederID`, `orederDate`, `customerID`, `staffID`) VALUES ('0009', '2019-03-09', '2010', '1003');
INSERT INTO `code4foood`.`oreder` (`orederID`, `orederDate`, `customerID`, `staffID`) VALUES ('0010', '2019-03-09', '2002', '1004');

```



-STAFF TABLE

	staffID	FName	LName	staffRole	Salary	UserName	stPassword	Supper_ssn
▶	1001	Lana	Babili	Customer Service	20000	LANA	LB456789	1006
	1002	Asrar	Alaklabi	Manager	60000	ASRAR	AA456789	1006
	1003	Zahraa	Al-Nemer	Customer Service	20000	ZAHRAA	ZN456789	1001
	1004	Marwah	Alqaffas	Customer Service	20000	MARWAH	MQ456789	1001
	1005	Raghad	AlShuaifan	Customer Service	20000	RAGHAD	RS456789	1006
	1006	Latifa	Al-Mulhim	Manager	70000	LATIFA	LATIFA123	NULL
	1007	Noura	Ahmed	Chef	30000	NORA	NOURA123	1002
	1008	Rana	Saleh	Chef Assisstant	15000	RANA	RS1222221	1006
	1009	Rawan	Mohammed	Chef Assisstant	15000	RAWAN	RM852536	1006
	1010	Jumana	Jammal	Customer Service	20000	JOMAN	JOJOTH	1006
•	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

ALTER TABLE staff AUTO_INCREMENT=1001;

INSERT INTO `code4foood`.`staff` (`staffID`, `FName`, `LName`, `staffRole`, `Salary`, `UserName`, `stPassword`) VALUES ('1006', 'Latifa', 'Al-Mulhim', 'Manager', '70000', 'LATIFA', 'LATIFA123');

INSERT INTO `code4foood`.`staff` (`staffID`, `FName`, `LName`, `staffRole`, `Salary`, `UserName`, `stPassword`, `Supper_ssn`) VALUES ('1001', 'Lana', 'Babili', 'Customer Service', '20000', 'LANA', 'LB456789', '1006');

INSERT INTO `code4foood`.`staff` (`staffID`, `FName`, `LName`, `staffRole`, `Salary`, `UserName`, `stPassword`, `Supper_ssn`) VALUES ('1002', 'Asrar', 'Alaklabi', 'Manager', '60000', 'ASRAR', 'AA456789', '1006');

INSERT INTO `code4foood`.`staff` (`staffID`, `FName`, `LName`, `staffRole`, `Salary`, `UserName`, `stPassword`, `Supper_ssn`) VALUES ('1003', 'Zahraa', 'Al-Nemer', 'Customer Service', '20000', 'ZAHRAA', 'ZN456789', '1001');

INSERT INTO `code4foood`.`staff` (`staffID`, `FName`, `LName`, `staffRole`, `Salary`, `UserName`, `stPassword`, `Supper_ssn`) VALUES ('1004', 'Marwah', 'Alqaffas', 'Customer Service', '20000', 'MARWAH', 'MQ456789', '1001');

INSERT INTO `code4foood`.`staff` (`staffID`, `FName`, `LName`, `staffRole`, `Salary`, `UserName`, `stPassword`, `Supper_ssn`) VALUES ('1007', 'Noura', 'Ahmed', 'Chef', '30000', 'NORA', 'NOURA123', '1002');

INSERT INTO `code4foood`.`staff` (`staffID`, `FName`, `LName`, `staffRole`, `Salary`, `UserName`, `stPassword`, `Supper_ssn`) VALUES ('1005', 'Raghad', 'AlShuaifan', 'Customer Service', '20000', 'RAGHAD', 'RS456789', '1006');



```
INSERT INTO `code4foood`.`staff` (`staffID`, `FName`, `LName`, `staffRole`, `Salary`, `UserName`,
`stPassword`, `Supper_ssn`) VALUES ('1008', 'Rana', 'Saleh', 'Chef Assisstant', '15000', 'RANA',
'RS1222221', '1006');
INSERT INTO `code4foood`.`staff` (`staffID`, `FName`, `LName`, `staffRole`, `Salary`, `UserName`,
`stPassword`, `Supper_ssn`) VALUES ('1009', 'Rawan', 'Mohammed', 'Chef Assisstant', '15000',
'RAWAN', 'RM852536', '1006');
INSERT INTO `code4foood`.`staff` (`staffID`, `FName`, `LName`, `staffRole`, `Salary`,
`UserName`, `stPassword`, `Supper_ssn`) VALUES ('1010', 'Jumana', 'Jammal', 'Customer
Service', '20000', 'JOMAN', 'JOJOTH', '1006');
```

-CONSISTS_OF TABLE

















mealID	orederID	Quantity	AdditionalComment
201	10	1	NULL
204	2	2	NULL
301	1	1	NULL
301	9	1	NULL
302	1	1	with extra cheese
302	4	1	without onions
303	3	2	NULL
303	8	1	with extra cheese and...
304	5	1	NULL
304	8	1	NULL
401	6	1	NULL
401	8	1	NULL
401	9	1	NULL
402	9	1	NULL
403	8	1	NULL
404	2	1	NULL
404	5	1	NULL
501	7	1	ice free
504	6	1	sugar free
504	7	3	NULL

insert into consists_Of(mealID,orederID,Quantity,AdditionalComment)

values

(301,1,1,null),
(302,1,1,"with extra cheese"),
(204,2,2,null),
(404,2,1,null),
(303,3,2,null),
(302,4,1,"without onions"),
(304,5,1,null),
(404,5,1,null),
(401,6,1,null),
(504,6,1,"sugar free"),
(504,7,3,null),
(501,7,1,"ice free"),
(303,8,1,"with extra cheese and mashroom"),
(304,8,1,null),
(401,8,1,null),
(403,8,1,null),
(301,9,1,null),
(401,9,1,null),
(402,9,1,null),
(201,10,1,null);

-MEAL TABLE

	mealID	mealName	mealPrice	menuID	mealDescription	mealPic
▶	201	Eggy Puds	45	120	A baked pudding made from batter consisting of...	
	202	French Toast	33	120	Bread is dipped into eggs and seasonings and t...	
	203	Fresh Herbs Omelet	28	120	French rolled omelet contains finely minced pars...	
	204	Mini Croissant	15	120	Mini croissant which consist of peanut butter ba...	
	301	Biryani	50	121	This dish is made with lamb or chicken with a ve...	
	302	Barbecue Burger	30	121	The ground meat patties are made to be flame ...	
	303	Pizza Ranch	40	121	Pizza combining the flavors of ranch dressing, c...	
	304	Ravioli	60	121	Type of dumpling comprising a filling enveloped i...	
	401	Brownies	30	123	Ultra thick, fudgy, chewy, and chocolaty cake ...	
	402	Raspberry Cheesecake	35	123	Dessert consisting of a creamy filling containing ...	
	403	Sweet potato pie	40	123	Pie made with butter and mashed Mississippi sw...	
	404	Macarons	20	123	A classic french cookie made with a cookie and c...	
	501	Watermelon Juice	13	122	Blending fresh watermelon with water makes a r...	
	502	Lemonade	12	122	Sweetened beverage made from lemons, sugar...	
	503	Black Tea	9	122	The leaves of black tea are entirely fermented ...	
	504	Capatchino	16	122	A classic Cappuccino with coffee and snowy-whi...	
★	NULL	NULL	NULL	NULL	NULL	NULL



```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('504', 'Capatchino', '16', '122', 'A classic Cappuccino with coffee and snowy-white frothed milk on top.');
```

```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('503', 'Black Tea', '9', '122', 'The leaves of black tea are entirely fermented giving a stronger, full- bodied flavor and a dark-brown infusion');
```

```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('502', 'Lemonade', '12', '122', 'Sweetened beverage made from lemons, sugar, and water.');
```

```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('501', 'Watermelon Juice', '13', '122', 'Blending fresh watermelon with water makes a refreshingly simple beverage.');
```

```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('404', 'Macarons', '20', '123', 'A classic french cookie made with a cookie and cream cheese filling.');
```

```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('403', 'Sweet potato pie', '40', '123', 'Pie made with butter and mashed Mississippi sweet potatoes. The pie is flavored with vanilla and cinnamon.');
```

```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('402', 'Raspberry Cheesecake', '35', '123', 'Dessert consisting of a creamy filling containing cheese baked in a pastry or pressed-crumb shell and raspberry sauce above it.');
```

```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('401', 'Brownies', '30', '123', 'Ultra thick, fudgy, chewy, and chocolaty cake with that perfect crinkly crust on top.');
```

```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('304', 'Ravioli', '60', '121', 'Type of dumpling comprising a filling enveloped in thin pasta dough.');
```

```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('303', 'Pizza Ranch', '40', '121', 'Pizza combining the flavors of ranch dressing, chicken and our special pizza double cheese.');
```

```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('302', 'Barbecue Burger', '30', '121', 'The ground meat patties are made to be flame grilled and are perfect on the barbecue as they do not fall apart.');
```

```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('301', 'Biryani', '50', '121', 'This dish is made with lamb or chicken with a vegetable curry and yoghurt with fresh coriander.');
```

```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('204', 'Mini Croissant', '15', '120', 'Mini croissant which consist of peanut butter banana and salted toffee pecan.');
```

```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('203', 'Fresh Herbs Omelet', '28', '120', 'French rolled omelet contains finely minced parsley and chives, basil, mint, and dill would also work.');
```

```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('202', 'French Toast', '33', '120', 'Bread is dipped into eggs and seasonings and then fried to a golden brown, topped with butter, preserves, or syrup.');
```

```
INSERT INTO `code4food`.`meal` (`mealID`, `mealName`, `mealPrice`, `menuID`, `mealDescription`) VALUES ('201', 'Eggy Puds', '45', '120', 'A baked pudding made from batter consisting of eggs, flour, and milk or water.');
```



-MENU TABLE

	menuID	menuType
▶	120	Breakfast
	121	main
	122	drinks
	123	sweets
•	NULL	NULL

```
INSERT INTO `code4foood`.`menu` (`menuID`, `menuType`) VALUES ('120', 'Breakfast');  
INSERT INTO `code4foood`.`menu` (`menuID`, `menuType`) VALUES ('121', 'main');  
INSERT INTO `code4foood`.`menu` (`menuID`, `menuType`) VALUES ('122', 'drinks');  
INSERT INTO `code4foood`.`menu` (`menuID`, `menuType`) VALUES ('123', 'sweets');
```

-MENUTIME TABLE

	menuTime	menuID
▶	Morning	120
	Afternoon	121
	All Day	122
	All Day	123
•	NULL	NULL

```
INSERT INTO `code4foood`.`menutime` (`menuTime`, `menuID`) VALUES ('Morning', '120');  
INSERT INTO `code4foood`.`menutime` (`menuTime`, `menuID`) VALUES ('Afternoon', '121');  
INSERT INTO `code4foood`.`menutime` (`menuTime`, `menuID`) VALUES ('All Day', '122');  
INSERT INTO `code4foood`.`menutime` (`menuTime`, `menuID`) VALUES ('All Day', '123');
```