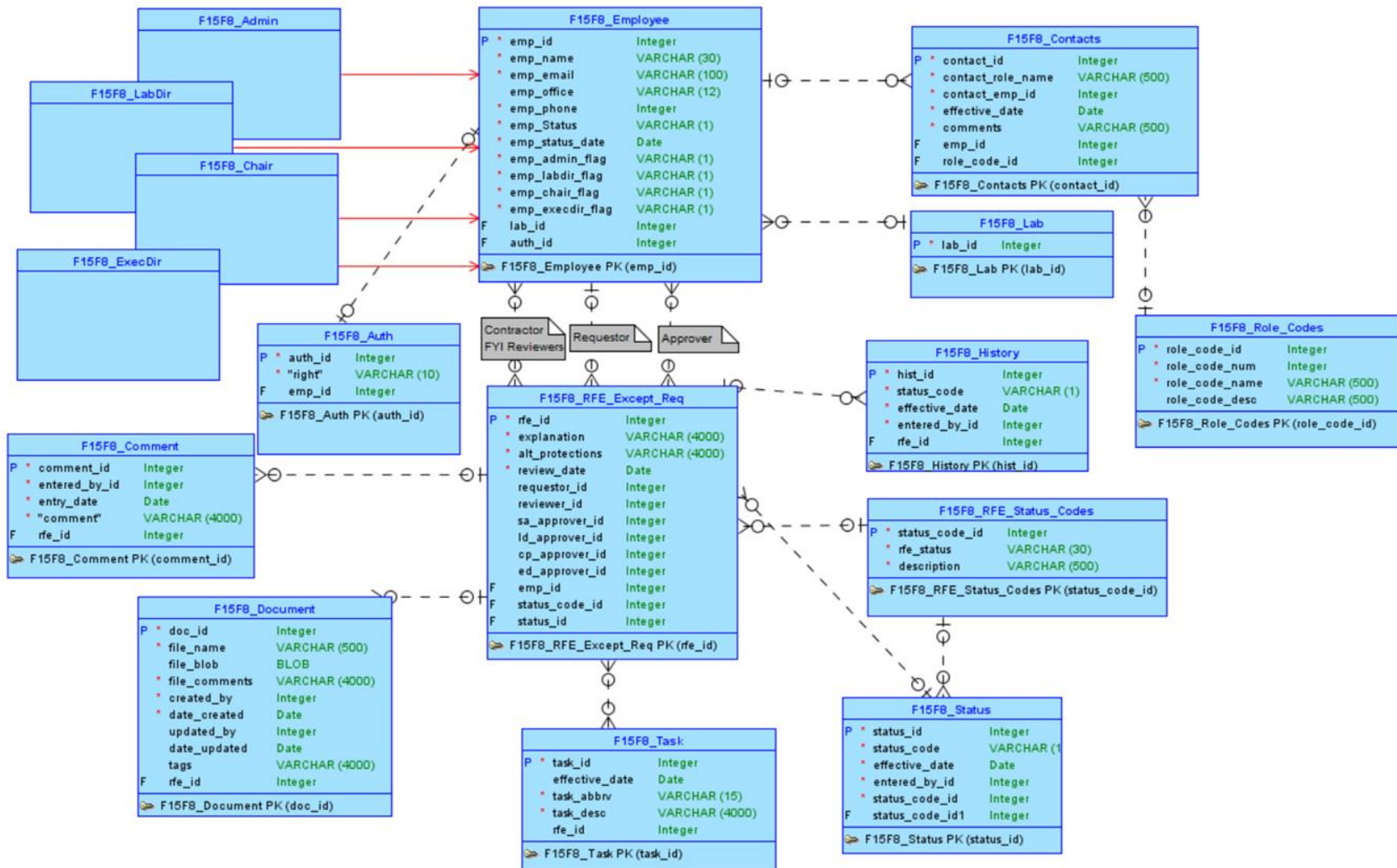

Group F8- Project A

Sierra Acy
Natahlie Beavers
Nalisia Greenleaf

Part 1: ARL Application



F15F8_Auth	
P * auth_id	Integer
* "right"	VARCHAR (10)
F emp_id	Integer
➤ F15F8_Auth_PK (auth_id)	

R6	
F * F15F8_RFE_Except_Req_rfe_id	Integer
F emp_id	Integer

F15F8_Employee	
P * emp_id	Integer
* emp_name	VARCHAR (30)
* emp_email	VARCHAR (100)
* emp_office	VARCHAR (12)
* emp_phone	Integer
* emp_Status	VARCHAR (1)
* emp_status_date	Date
* emp_admin_flag	VARCHAR (1)
* emp_labdir_flag	VARCHAR (1)
* emp_chair_flag	VARCHAR (1)
* emp_execdir_flag	VARCHAR (1)
F F15F8_Lab_lab_id	Integer
➤ F15F8_Employee_PK (emp_id)	

F15F8_Contacts	
P * contact_id	Integer
* contact_role_name	VARCHAR (500)
* contact_emp_id	Integer
* effective_date	Date
* comments	VARCHAR (500)
F F15F8_Role_Codes_role_code_id	Integer
F emp_id	Integer
➤ F15F8_Contacts_PK (contact_id)	

F15F8_Role_Codes	
P * role_code_id	Integer
* role_code_num	Integer
* role_code_name	VARCHAR (500)
* role_code_desc	VARCHAR (500)
➤ F15F8_Role_Codes_PK (role_code_id)	

F15F8_Lab	
P * lab_id	Integer
➤ F15F8_Lab_PK (lab_id)	

F15F8_History	
P * hist_id	Integer
* status_code	VARCHAR (1)
* effective_date	Date
* entered_by_id	Integer
F F15F8_RFE_Except_Req_rfe_id	Integer
➤ F15F8_History_PK (hist_id)	

F15F8_Status	
P * status_id	Integer
* status_code	VARCHAR (1)
* effective_date	Date
* entered_by_id	Integer
* status_code_id	Integer
F F15F8_RFE_Status_Codes_status_code_id	Integer
➤ F15F8_Status_PK (status_id)	

F15F8_RFE_Status_Codes	
P * status_code_id	Integer
* rfe_status	VARCHAR (30)
* description	VARCHAR (500)
➤ F15F8_RFE_Status_Codes_PK (status_code_id)	

F15F8_Document	
P * doc_id	Integer
* file_name	VARCHAR (500)
* file_blob	BLOB
* file_comments	VARCHAR (4000)
* created_by	Integer
* date_created	Date
* updated_by	Integer
* date_updated	Date
* tags	VARCHAR (4000)
F F15F8_RFE_Except_Req_rfe_id	Integer
➤ F15F8_Document_PK (doc_id)	

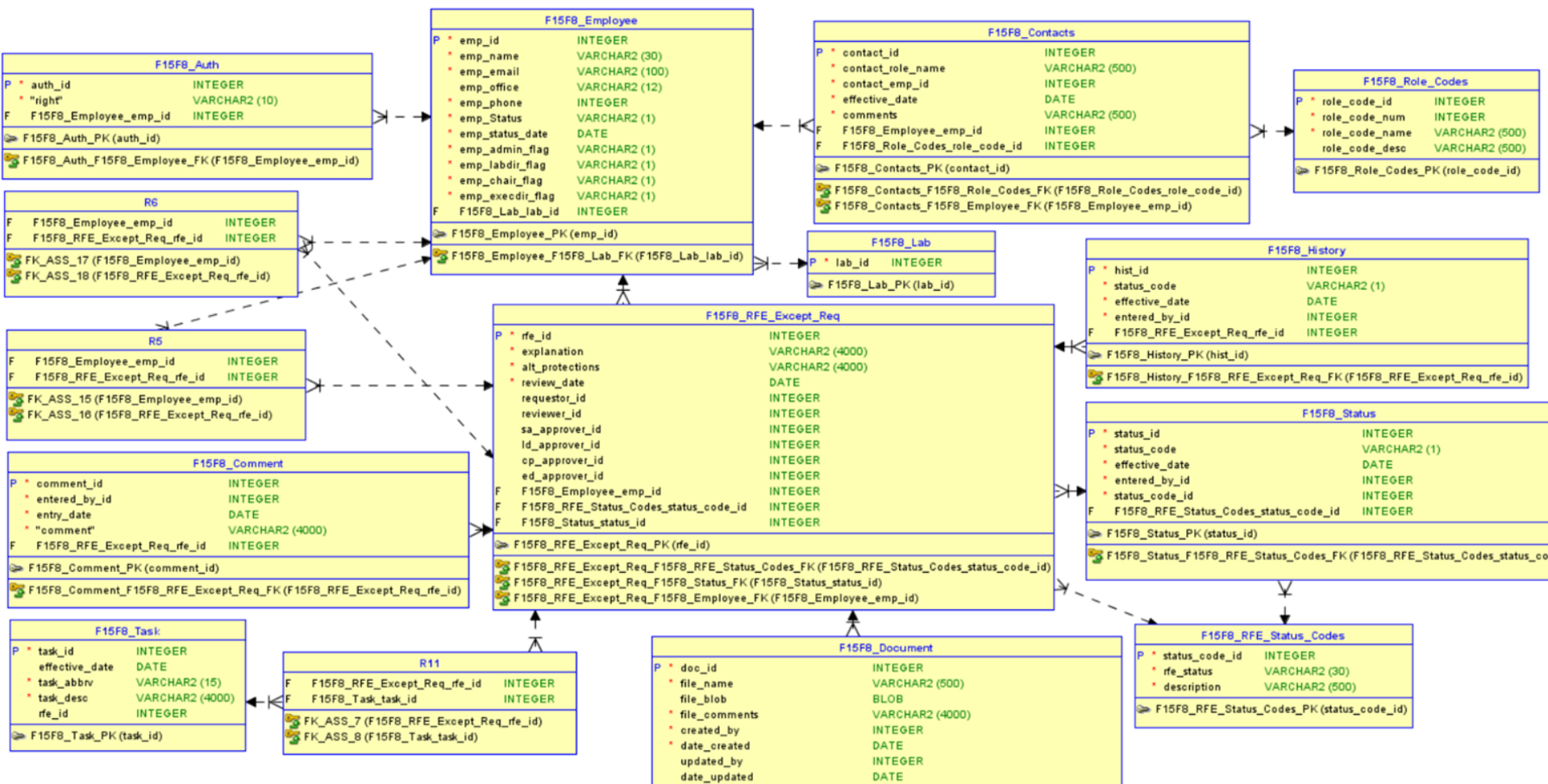
R5	
F * F15F8_RFE_Except_Req_rfe_id	Integer
F emp_id	Integer

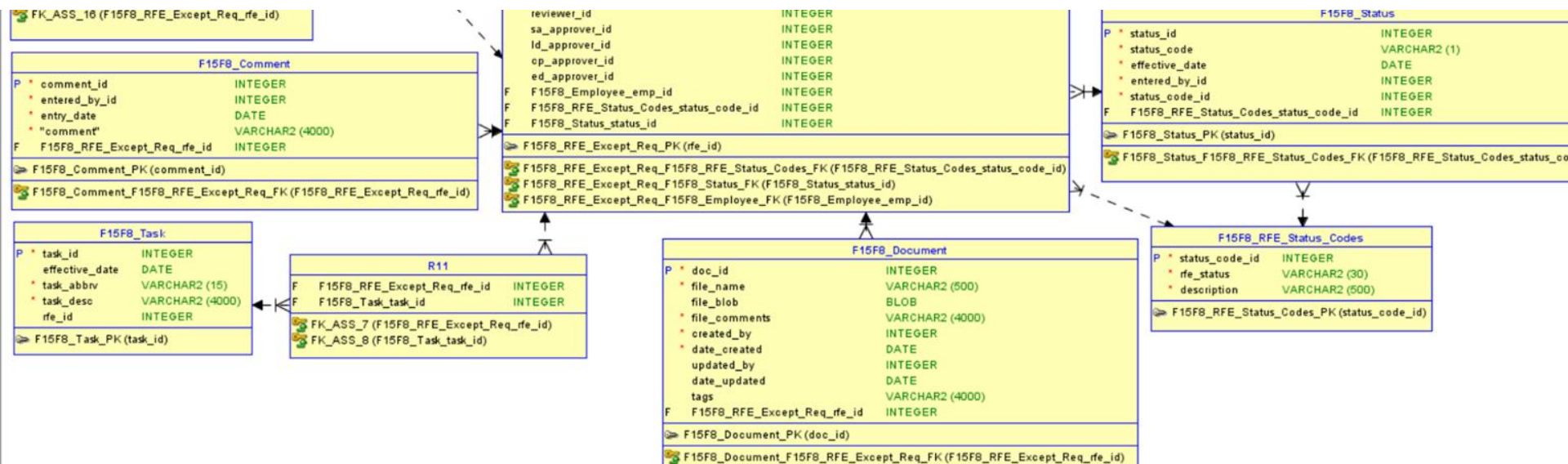
F15F8_Comment	
P * comment_id	Integer
* entered_by_id	Integer
* entry_date	Date
* "comment"	VARCHAR (4000)
F F15F8_RFE_Except_Req_rfe_id	Integer
➤ F15F8_Comment_PK (comment_id)	

F15F8_Task	
P * task_id	Integer
* effective_date	Date
* task_abbrv	VARCHAR (15)
* task_desc	VARCHAR (4000)
* rfe_id	Integer
➤ F15F8_Task_PK (task_id)	

R11	
F * F15F8_RFE_Except_Req_rfe_id	Integer
F F15F8_Task_task_id	Integer

F15F8_RFE_Except_Req	
P * rfe_id	Integer
* explanation	VARCHAR (4000)
* alt_protections	VARCHAR (4000)
* review_date	Date
* requestor_id	Integer
* reviewer_id	Integer
* sa_approver_id	Integer
* id_approver_id	Integer
* cp_approver_id	Integer
* ed_approver_id	Integer
F F15F8_RFE_Status_Codes_status_code_id	Integer
F F15F8_Status_status_id	Integer
F emp_id	Integer
➤ F15F8_RFE_Except_Req_PK (rfe_id)	





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Actions

Insert New RFE

	Explanation	Alt protections	Review date	Status id	Status name	Sys admin	Requestor	Reviewer	Lab director	Chairperson	Executive director	Rfe id
	Explanation	Alt protections	24-NOV-15	100	CH Approval	Danny	Sierra	Nalisia	Andy	Sierra	Natahlie	100
	Explanation	Alt protections	24-NOV-15	101	Entered	Danny	Bob	Nalisia	Andy	Sierra	Natahlie	101
	Explanation	Alt protections	24-NOV-15	101	Entered	Danny	Nalisia	Bob	Andy	Sierra	Natahlie	102
	Explanation	Alt protections	24-NOV-15	100	Submitted	Danny	Nalisia	Bob	Andy	Sierra	Natahlie	103
	Explanation	Alt protections	24-NOV-15	101	Submitted	Danny	Nalisia	Bob	Andy	Sierra	Natahlie	104
	Explanation	Alt protections	24-NOV-15	101	Entered	Danny	Nalisia	Bob	Andy	Sierra	Natahlie	105
	asdfasdf	dfasdf	24-NOV-15	100	SA Approved	sfdsgd	sfdsgd	-	Natahlie	Sierra	Natahlie	160
	dsfasdf	sdfasdfasd	20-NOV-15	100	Entered	Natahlie	sfdsgd	-	Natahlie	Sierra	Natahlie	180

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Single RFE Entry

Select RFE ID

100

Submit RFE For Further Approval

Final Approval

Reject RFE

Return RFE

Recall RFE

Duplicate RFE

Q

Go

Actions

	Explanation	Alt Protections	Review Date	Status Id	Rfe Id	Status name	Requestor	Reviewer	Sys admin	Lab director	Chairperson	Executive director
	Explanation	Alt protections	24-NOV-15	100	100	CH Approval	Sierra	Nalisia	Danny	Andy	Sierra	Natahlie

RFE_STATUS

D

R

CH Approval

CH Approval

1 - 1

Employees Assigned to RFE

Emp name	Emp email	Emp id	Emp office	Emp phone
Andy	andy@andy.com	106	AOffice	3333333333
Danny	danny@danny.com	105	DOOffice	2222222222
Nalisia	nalisia@nalisia.com	103	NaOffice	5555555555
Natahlie	natahlie@natahlie.com	102	NOOffice	7777777777
Sierra	sierra.acy@gmail.com	100	SOOffice	7134086917

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Create Employee

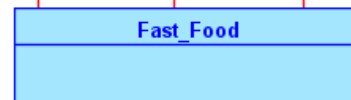
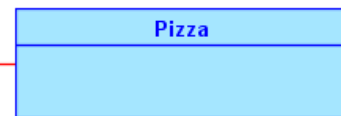
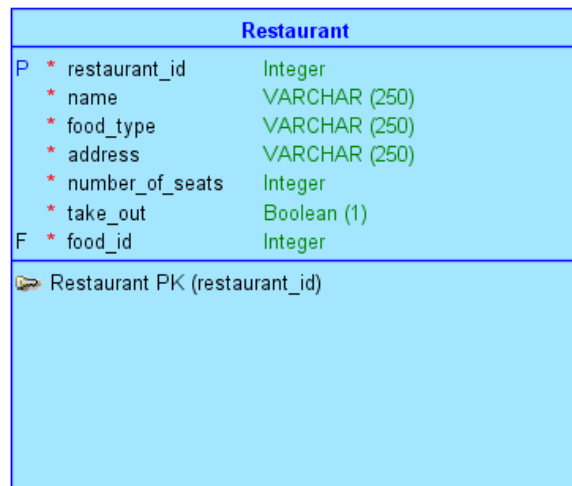
	Emp Id	Emp Name	Emp Email	Emp Office	Emp Status	Emp Status Date	Emp Admin Flag	Emp Labdir Flag	Emp Execdir Flag	Emp Chair Flag	Lab Id	Emp Phone	Authorization
	100	Sierra	sierra.acy@gmail.com	SOffice	A	24-NOV-15	0	0	0	1	100	7134086917	edit
	101	Bob	bob@foobar.com	W123	A	24-NOV-15	1	0	0	0	100	2109139957	read
	102	Natahlie	natahlie@nathahlie.com	NOffice	I	24-NOV-15	0	0	1	0	101	7777777777	edit
	103	Nalisia	nalisia@nalisia.com	NaOffice	A	24-NOV-15	1	0	0	0	102	5555555555	read
	104	Scott	scott@scott.com	SOffice	A	24-NOV-15	0	1	0	0	102	4444444444	read
	105	Danny	danny@danny.com	DOOffice	I	24-NOV-15	1	0	0	0	103	2222222222	edit
	106	Andy	andy@andy.com	AOffice	I	24-NOV-15	0	1	0	0	104	3333333333	edit
	120	sdfsdf	dfgfdgsd	dsafsa	A	18-NOV-15	0	0	0	0	101	4655654	read
	121	afsdasfd	dsfasdfasfd	sdfasf	A	10-NOV-15	1	0	0	1	100	45645645	edit
	140	fasdfas	adfsadfasd	sdfasfd	A	24-NOV-15	0	1	1	0	101	56754674	read

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Apex ARL Model

<https://apex.oracle.com/pls/apex/f?p=22584:71:7900671850340::NO::>

Part 2: Mobile Application



Part II: Restaurants Mobile App

Relates restaurants to the foods they serve

Our App allows users to find different restaurants in the area.

The app lists the restaurants as well as a link to each restaurant's website

Users can also get directions to each restaurant

Users can see each restaurant's details as well as the nutrition facts of the types of foods served.

RestfulRel

Log Out

Do

jdbcroracle.thin. @sayonara.microlab.cs.utexas.edu:1521:ord

User

C#ics347_nmb642

Pass

ord_nmb642

Mode

rdf_mode

Model

F8

Returndimensions

False

Returnfor

Neo4j_JSON

Query

"MATCH (r:restaurant)->(f:food) RETURN r, f.calories, f.meal_served, f.fat_content, f.sugar_content, f.name"

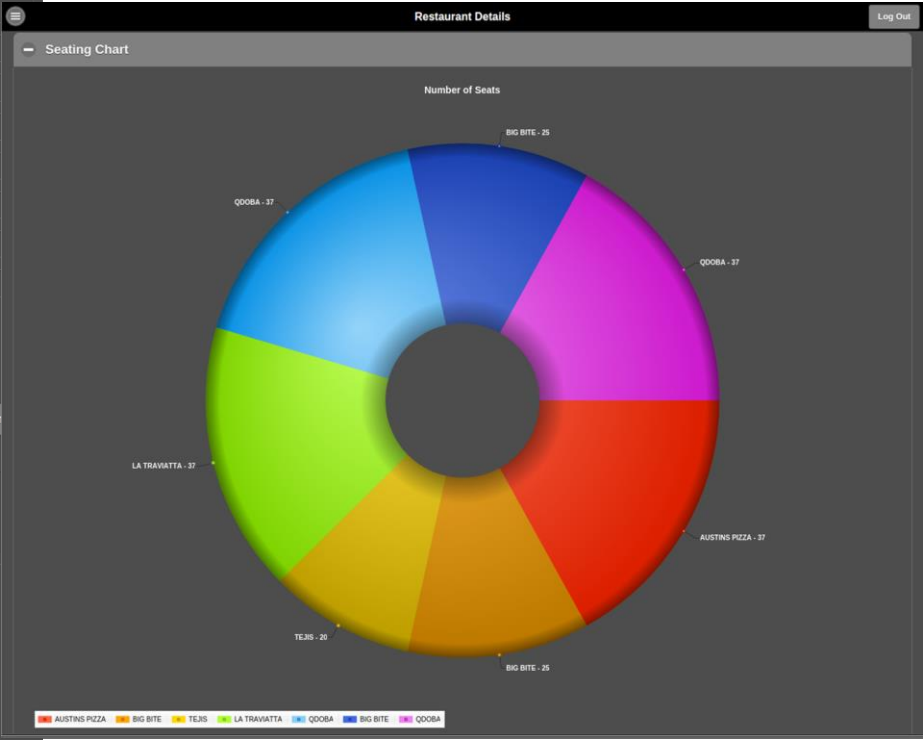
Submit

Results

Column

Clob001

["NAME":["AUSTINS PIZZA", "BIG BITE", "TEJIS", "LA TRAVIATTA", "QDOBA", "BIG BITE", "QDOBA"],"ADDRESS":["124 GUADALUPE", "121 GUADALUPE", "120 GUADALUPE", "123 A AVE", "122 GUADALUPE", "121 GUADALUPE", "122 GUADALUPE"],"RESTAURANT_ID":["4 2 3 1 5 2 5"],"FOOD_TYPE":["PIZZA", "AMERICAN", "INDIAN", "ITALIAN", "MEXICAN", "AMERICAN", "MEXICAN"],"NUMBER_OF_SEATS":["37, 25, 20, 37, 37, 25, 37"],"TAKE_OUT":["1, 1, 1, 1, 1, 1, 1"],"SERVES_ALCOHOL":["1, 0, 0, 1, 1, 0, 1"],"X1_1":["null", 700, 300, 250, 400, 200, 400],"X1_1":["null", "DINNER", "DINNER", "LUNCH", "BREAKFAST", "SNACK", "SNACK"],"X2_1":["null", 70, 45, 30, 40, 45, 60],"X3_1":["null", 25, 15, 10, 20, 10, 25],"X4_1":["null", "CHICKEN", "CURRY", "PASTA", "TACOS", "GRILLED CHEESE", "NACHOS"]]



Nutrition Facts

Log Out

Calories

Columns...

null	null
700	CHICKEN
300	CURRY
250	PASTA
400	TACOS
200	GRILLED CHEESE
400	NACHOS

Fat Content (in grams)

null	null
70	CHICKEN
45	CURRY
30	PASTA
40	TACOS
45	GRILLED CHEESE
60	NACHOS

Sugar Content (in grams)

Directions

Austin's Pizza Map

Big Bite Address

La Traviata Map

Qdoba Map

Tej's Map

AUSTINS PIZZA

BIG BITE

TEJIS

LA TRAVIATTA

QDOBA

BIG BITE

QDOBA

Get Directions		Log Out
Directions		Columns...
Austin's Pizza Map	Get Directions to Austin's Pizza	
Big Bite Address	Get Directions to Big Bite	
La Traviata Map	Get Directions to La Traviata	
Qdoba Map	Get Directions to Qdoba	
Teji's Map	Get Directions to Teji's	
AUSTINS PIZZA	124 GUADALUPE	
BIG BITE	121 GUADALUPE	
TEJIS	120 GUADALUPE	
LA TRAVIATTA	123 A AVE	
QDOBA	122 GUADALUPE	
BIG BITE	121 GUADALUPE	
QDOBA	122 GUADALUPE	

Restaurant Apex Model

<https://apex.oracle.com/pls/apex/f?p=99449:1:14191089644829::NO::>

Github URL

<https://github.com/sierra-acy/F15F8-final-project>