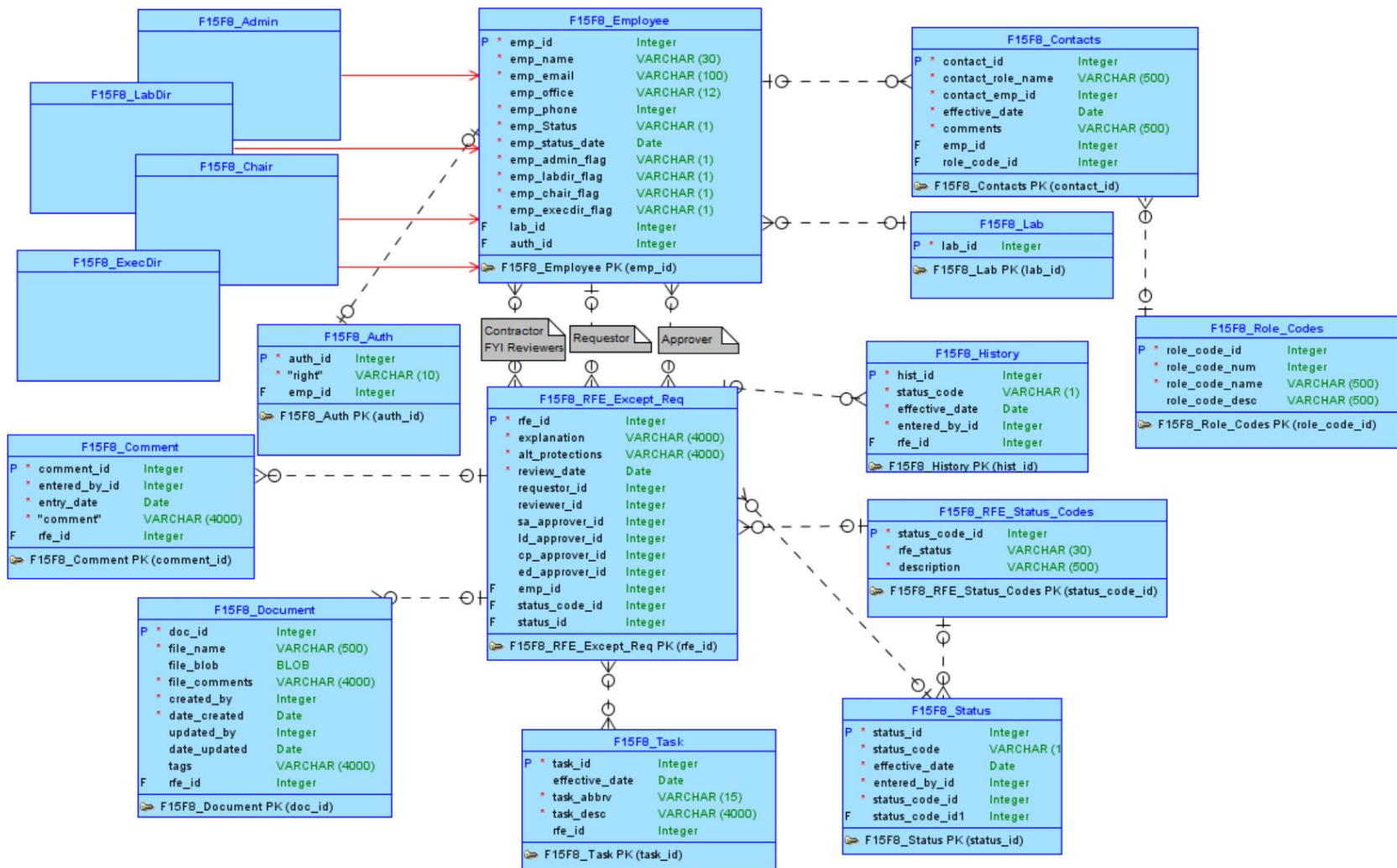


# Group F8- Project A

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)
	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)		

R5		
F	* F15F8_RFE_Except_Req_rfe_id	Integer
F	emp_id	Integer

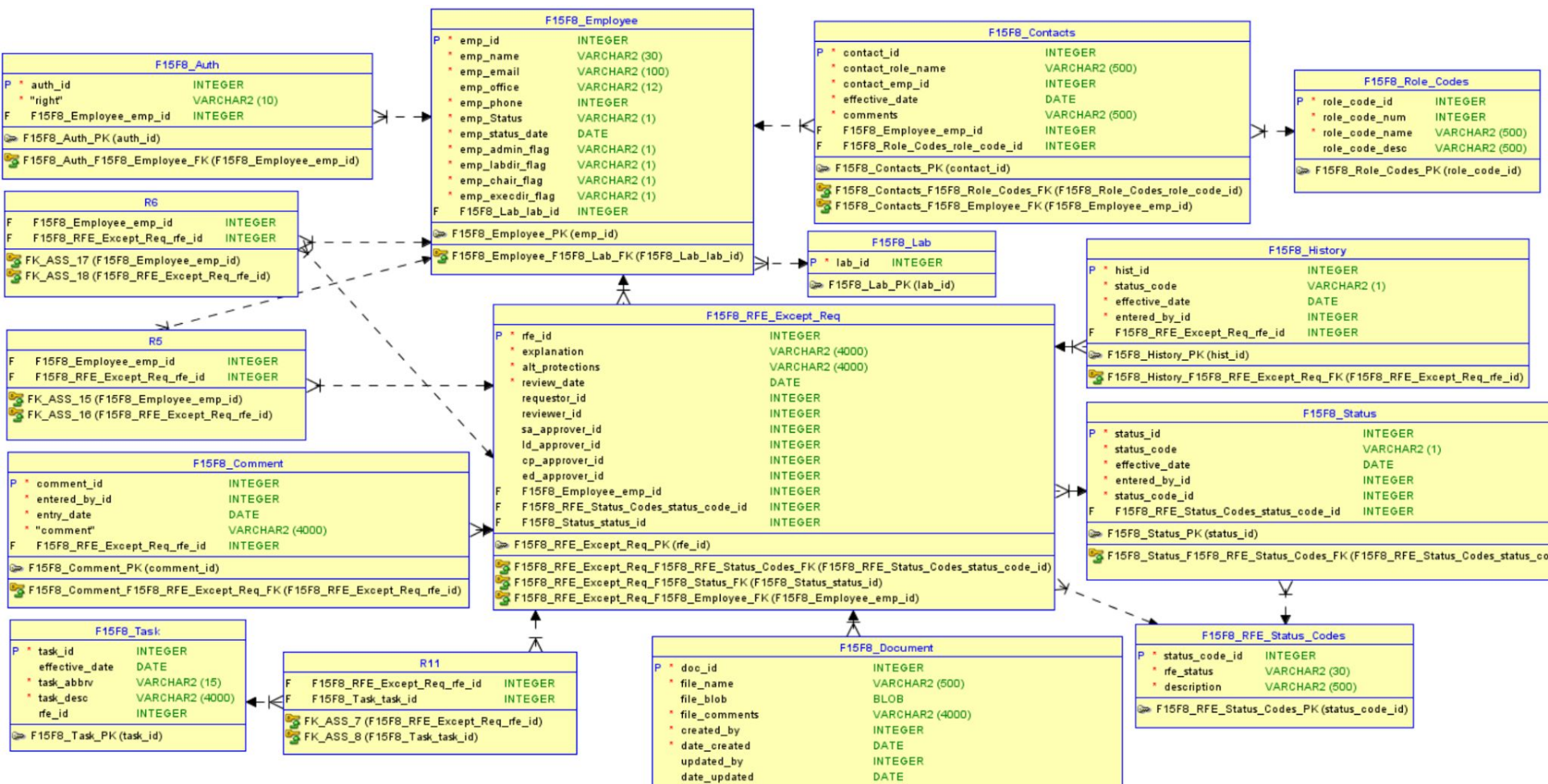
F15F8_Comment		
P	* comment_id	Integer
	* entered_by_id	Integer
	* entry_date	Date
	* "comment"	VARCHAR (4000)
F	F15F8_RFE_Except_Req_rfe_id	Integer
F15F8_Comment_PK (comment_id)		

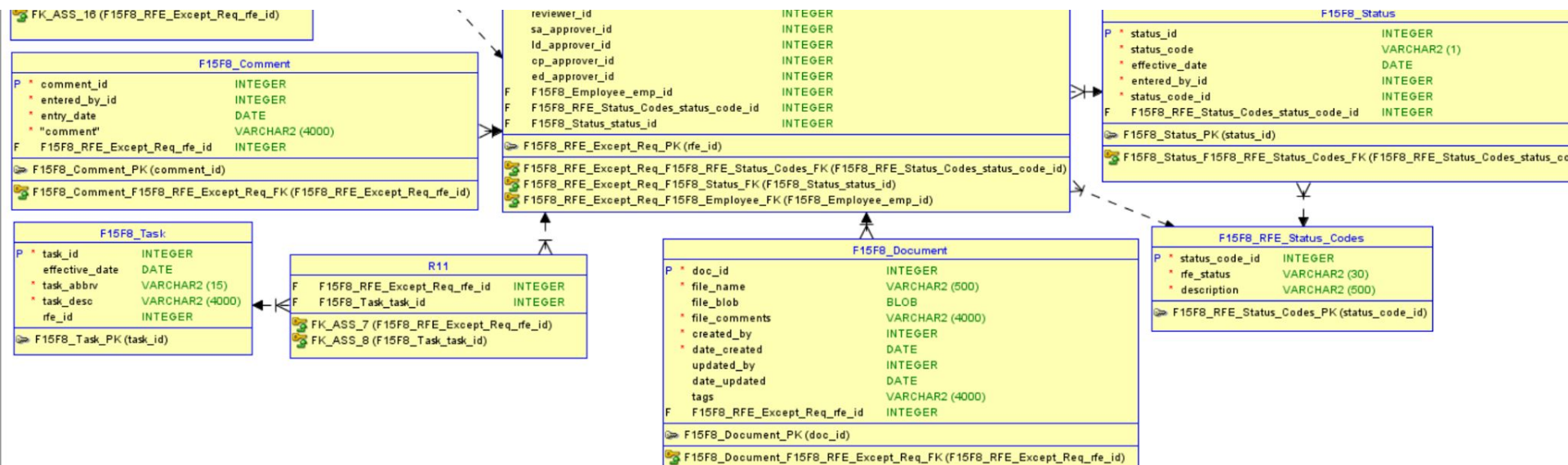
F15F8_RFE_Except_Req		
P	* rfe_id	Integer
	* explanation	VARCHAR (4000)
	* alt_protections	VARCHAR (4000)
	* review_date	Date
	* requestor_id	Integer
	* reviewer_id	Integer
	* sa_approver_id	Integer
	* id_approver_id	Integer
	* cp_approver_id	Integer
	* ed_approver_id	Integer
F	F15F8_RFE_Status_Codes_status_code_id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

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)		

R11		
F	* F15F8_RFE_Except_Req_rfe_id	Integer
F	* F15F8_Task_task_id	Integer

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







<div><div>Q</div><div>▼</div></div>		<div>Go</div>		<div>Actions ▼</div>		<div>Insert New RFE</div>						
	Explanation	Alt protections	Review date	Status id	Status name	Sys admin	Requestor	Reviewer	Lab director	Chairperson	Executive director	Rfe id
<div><div></div><div></div></div>	Explanation	Alt protections	24-NOV-15	100	CH Approval	Danny	Sierra	Nalisia	Andy	Sierra	Natahlie	100
<div><div></div><div></div></div>	Explanation	Alt protections	24-NOV-15	101	Entered	Danny	Bob	Nalisia	Andy	Sierra	Natahlie	101
<div><div></div><div></div></div>	Explanation	Alt protections	24-NOV-15	101	Entered	Danny	Nalisia	Bob	Andy	Sierra	Natahlie	102
<div><div></div><div></div></div>	Explanation	Alt protections	24-NOV-15	100	Submitted	Danny	Nalisia	Bob	Andy	Sierra	Natahlie	103
<div><div></div><div></div></div>	Explanation	Alt protections	24-NOV-15	101	Submitted	Danny	Nalisia	Bob	Andy	Sierra	Natahlie	104
<div><div></div><div></div></div>	Explanation	Alt protections	24-NOV-15	101	Entered	Danny	Nalisia	Bob	Andy	Sierra	Natahlie	105
<div><div></div><div></div></div>	asdfasdf	dfasdf	24-NOV-15	100	SA Approved	sfdsf	sfdsf	-	Natahlie	Sierra	Natahlie	160
<div><div></div><div></div></div>	dsfasdf	sdfasdfas	20-NOV-15	100	Entered	Natahlie	sfdsf	-	Natahlie	Sierra	Natahlie	180
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Labs

Code Reference

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

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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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- Code Reference

## Status Code References

Description 	Status code id	Rfe status
The Executive Directors Office has given final approval for the RFE and it may be implemented	108	Final Approved
The Lab Direct has approved the RFE; it has been submitted ot the Chairperson of Security Panel approval	107	CH Approval
The Lab Director has approved the RFE; it has been submitted for the Network Security Panel Approval	106	LD Approved
The Lab System Administrator has approved the RFE; it has been submitted for the Lab Director approval	105	SA Approved
The RFE has been created but has not yet been submitted for approval.	100	Entered
The RFE has been rejected and cannot be implemented.	104	Rejected
The RFE has been submitted to the Lab System Administrator for approval.	101	Submitted
The RFE hsa been returned for further information and clarification. Once Submitted again, it will follow the same routing as an Entered RFE	102	Returned
The requestor has recalled an RFE that has not yet reached final approval. Once Submitted again, it will follow the same routing as an Entered RFE	103	Recalled
<a href="#">Download</a>		

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## Role Code References

Role code number 	Name	Description
1	Requestor	The employee who created the RFE
2	FYI Reviewer	An employee with peripheral interests; will automatially get notified at certain stages.
3	Sys Admin Approver	First round approver for the new RFEs in their lab
4	Lab Director Approver	Second round approver for new RFEs in their lab
5	Chairperson Approver	Network Security Panel Approver
6	Exec Dir Approver	Final round approver for all RFEs

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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	DOffice	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	sfdsgd	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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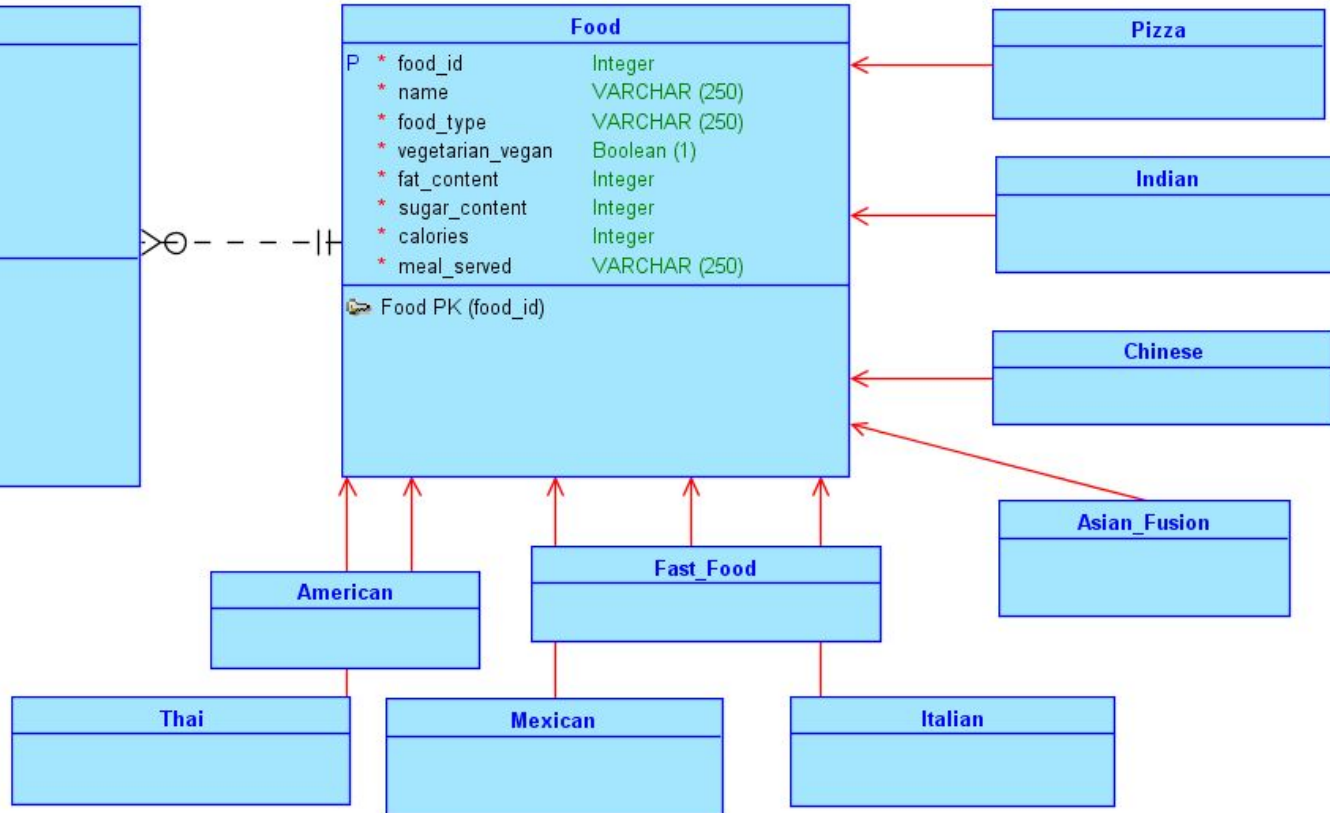
# Apex ARL Model

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

## Part 2: Mobile Application

Restaurant		
P	* restaurant_id	Integer
	* name	VARCHAR (250)
	* food_type	VARCHAR (250)
	* address	VARCHAR (250)
	* number_of_seats	Integer
	* take_out	Boolean (1)
F	* food_id	Integer
🔑 Restaurant PK (restaurant_id)		

Food		
P	* food_id	Integer
	* name	VARCHAR (250)
	* food_type	VARCHAR (250)
	* vegetarian_vegan	Boolean (1)
	* fat_content	Integer
	* sugar_content	Integer
	* calories	Integer
	* meal_served	VARCHAR (250)
🔑 Food PK (food_id)		



## 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.atsayonara.microlab.cs.utexas.edu1521:ord

User

C#acs347\_nmb642

Pass

ord\_nmb642

Mode

rdt\_mode

Model

F8

Returndimensions

False

Returnfor

Neo4j\_JSON

Query

"MATCH (r:restaurant)-{food}->{f:food} RETURN r, f.calories, f.meal\_served, f.fat\_content, f.sugar\_content, f.name"

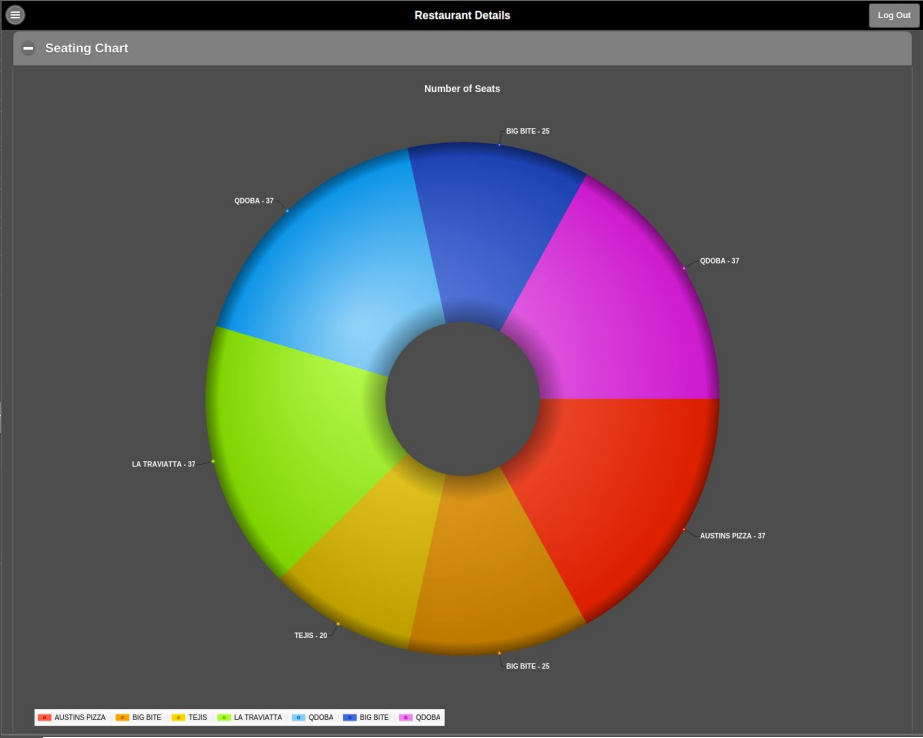
Submit

Results

Column

Clob001

("NAME":["AUSTINS PIZZA", "BIG BITE", "TEJIS", "LA TRAVIATTA", "QOoba", "BIG BITE", "QOoba"],"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"],"SERVES\_ALCOHOL":["1, 0, 0, 1, 1, 0, 1"],"X0\_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

Nutrition Facts

Log Out

Fat Content (in grams)

Columns...

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

Sugar Content (in grams)

Columns...

null	null
------	------

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 TRAVIATA	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>