IST 659
Event Management System

Project Group 50
Somia Abdelrahman
Immanuel Odarteifio
Nakul Rattan

Syracuse University
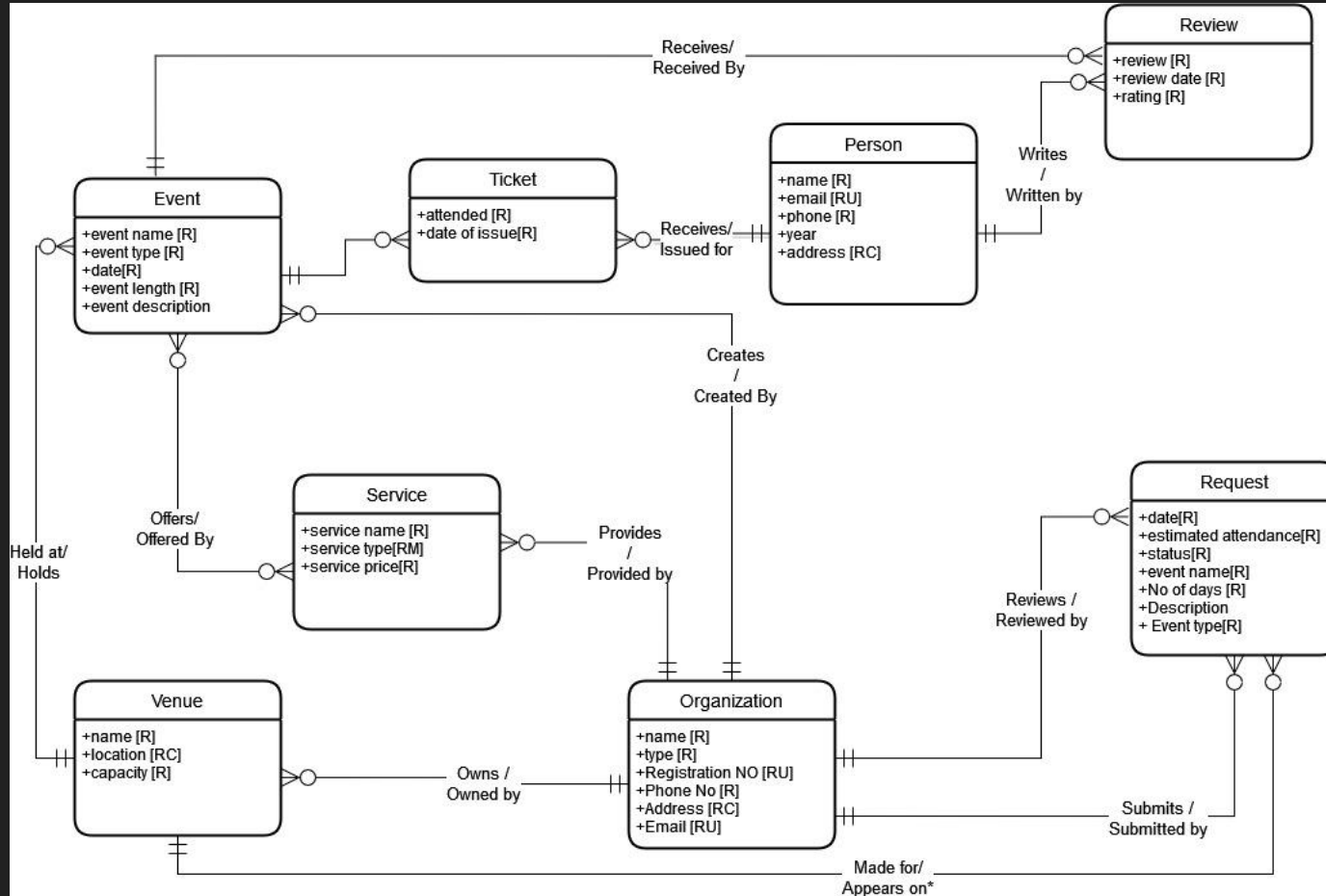
Conceptual Model

Logical Model
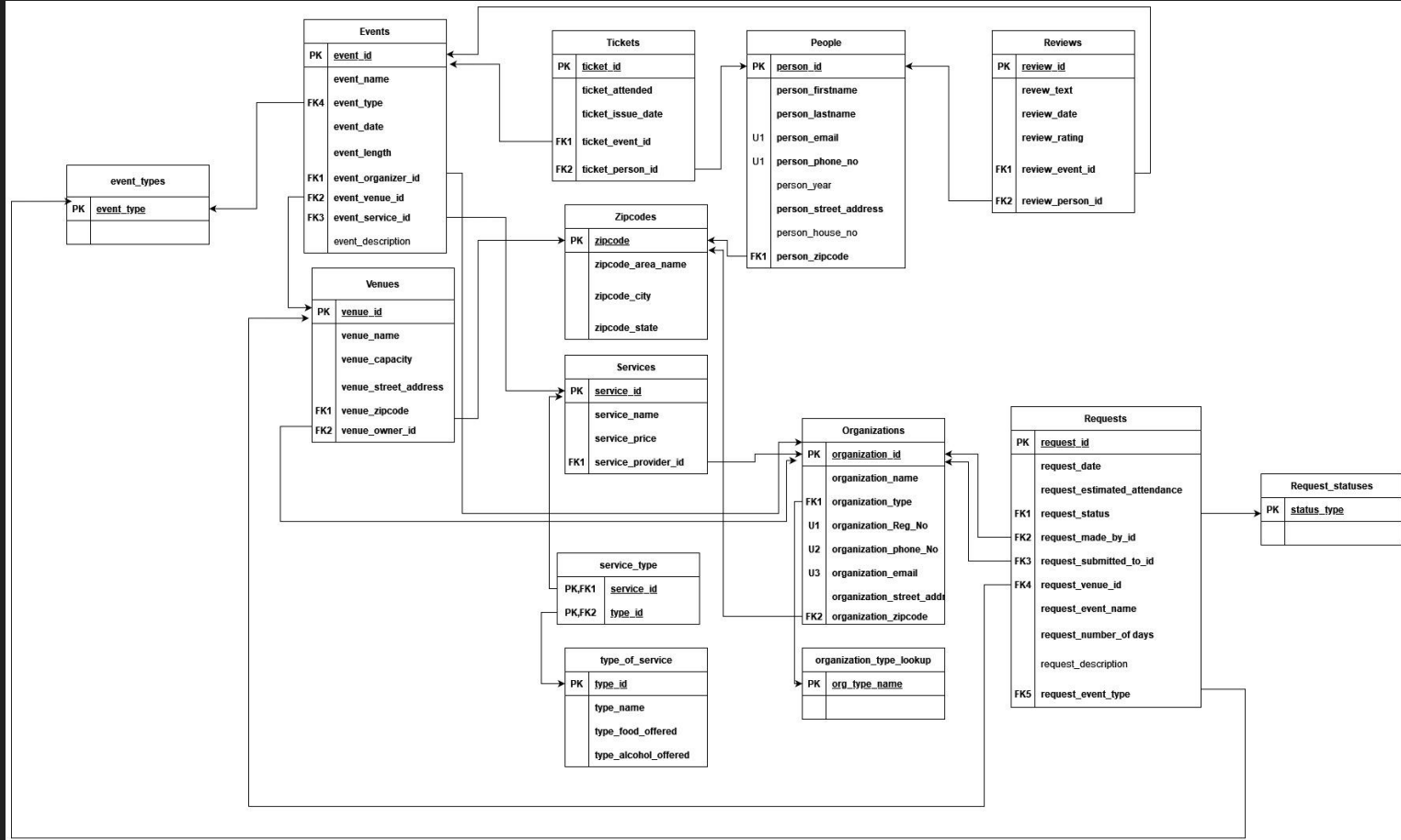
Design and Implementation

- Created specifics for the database application.
- Built the Logical model based on the Conceptual model.
- Created the scripts of the SQL code.
- Identified the user stories for the application.
- Created the basic layout of the application in draw.io
- Created the application on PowerApps by implementing the user stories identified earlier in the development life cycle.

User Stories Implemented

- As a customer, I should be able to view the available events so that I can book tickets for them.
- As a customer, I should be able to view the tickets that I have purchased so that I can attend the event.
- As an organizer, I should be able to create requests so that I can host an event.
- As an organizer, I should be able to view my events to keep track of them.
- As a venue owner, I should be able to view the requests so that I can approve or reject them.
- As a venue owner, I should be able to view all the previous requests so that I can keep track of them.

	zipcode	zipcode_area_name	zipcode_city	zipcode_state
1	04321	Fort Worth	Dallas	TX
2	06716	Wolcott	Watterbury	CT
3	10023	Upper West Side	New York City	NY
4	11590	Carman Ave	Westbury	NY
5	13210	Brighton PL	Syracuse	NY
6	13220	Salt Way	Syracuse	NY
7	20742	Berwyn Heights	College Park	MD
8	24113	Wavey	San Diego	CA
9	32412	Livinston	Chicago	IL
1...	44430	Lake View	Rochester	NY

	person_id	person_email	person_firstname	person_lastname	person_phone_no	person_year	person_street_address	person_house_no	person_zipcode
1	1	sabdelra@syr.edu	Somia	Abdelrahman	3157607703	Graduate	4101 Brighton Pl	3413	13210
2	2	nvrattan@syr.edu	Nakul	Rattan	3152120660	Graduate	800 Maryland Ave	2	13210
3	3	dsacks@gmail.com	David	Sacks	8883124263	None	Billionaire Row	1101	10023
4	4	rfrank@yahoo.com	Robert	Frank	8439127212	None	Mango Ave	33	98121
5	5	gclooney@syr.edu	George	Clooney	3327639173	Freshmen	South Cedar ST	118	20742
6	6	swilliams@syr.edu	Susie	Williams	555315808	Junior	Ocean Drive	898	06716
7	7	mdurdle@syr.edu	Matthew	Durdle	8377268889	Sophmore	Columbus Ave	3233	44430
8	8	mcastagne@syr.edu	Melody	Castagne	9285124444	Senior	South Cedar ST	22	32412
9	9	mfoden@syr.edu	Mary	Foden	6251538726	Freshmen	Vicarage Rd	463	11590
10	10	ckieff@syr.edu	Chief	Kieff	1324132241	Senior	Local ST	12	04321

	review_id	review_text	review_date	review_rating	review_event_id	review_person_id
1	1	The event was excellent	2022-02-01 00:00:00.000	5	1	1
2	2	Food was terrible	2022-11-03 00:00:00.000	2	1	3

	ticket_id	ticket_attended	ticket_issued_date	ticket_event_id	ticket_person_id
1	1	0	2022-02-01	1	1
2	2	0	2022-11-03	1	3
3	3	0	2022-12-02	2	12
4	4	0	2022-12-04	3	10
5	5	0	2022-11-30	5	9
6	6	0	2022-09-23	5	9
7	7	0	2022-12-21	1	2
8	8	0	2022-12-03	1	4
9	9	0	2022-11-23	2	5
10	10	0	2022-11-02	2	8

	event_type
1	Concert
2	Conference
3	Food festival
4	Hangout
5	Seminar

	event_id	event_name	event_type	event_date	event_length	event_organizer_id	event_venue_id	event_service_id	event_description
1	1	Data Science Day	Conference	2022-12-01 00:00:00.000	3	1	1	1	NULL
2	2	Crazy meals	Food festival	2023-01-15 00:00:00.000	1	4	5	2	Come enjoy great food
3	3	Lofi Music Vibes	Concert	2022-12-28 00:00:00.000	1	1	1	3	Chill Vibes all day
4	4	Jump away	Hangout	2023-02-17 00:00:00.000	1	4	6	5	Have fun at the trampoline p...
5	5	Future Engineer Conference	Conference	2023-04-25 00:00:00.000	1	5	4	4	Conference for all engineeri...

	venue_id	venue_name	venue_capacity	venue_street_address	venue_zipcode	venue_owner_id
1	1	Hinds iCafe	50	school of Information Studies	13210	3
2	2	JMA Dome	50000	Syracuse University	13210	7
3	3	Crouse-Hinds Hall	150	school of Information Studies	13210	3
4	4	Sky Barn	1000	22 Sky Top	13210	8
5	5	Friendly Bar	400	87 Marshal ST	13210	8
6	6	JMA Fun Zone	500	E Colvin ST	13210	7
7	7	Information Hall	200	618 College Ave	13210	3

	service_id	my_service_name	service_price	service_provider_id
1	1	Food and Beverage	20.00	2
2	2	Food and Beverages	10.00	6
3	3	Music	60.00	9
4	4	Organizing	30.00	10
5	5	Health	90.00	11
6	6	Restroom	23.00	12

	type_id	type_name	type_food_offered	type_alcohol_offered
1	1	Food and Beverage	0	0
2	2	Music	0	0
3	3	Organizing	0	0
4	4	Health	0	0
5	5	Restroom	0	0

	service_id	type_id
1	1	2

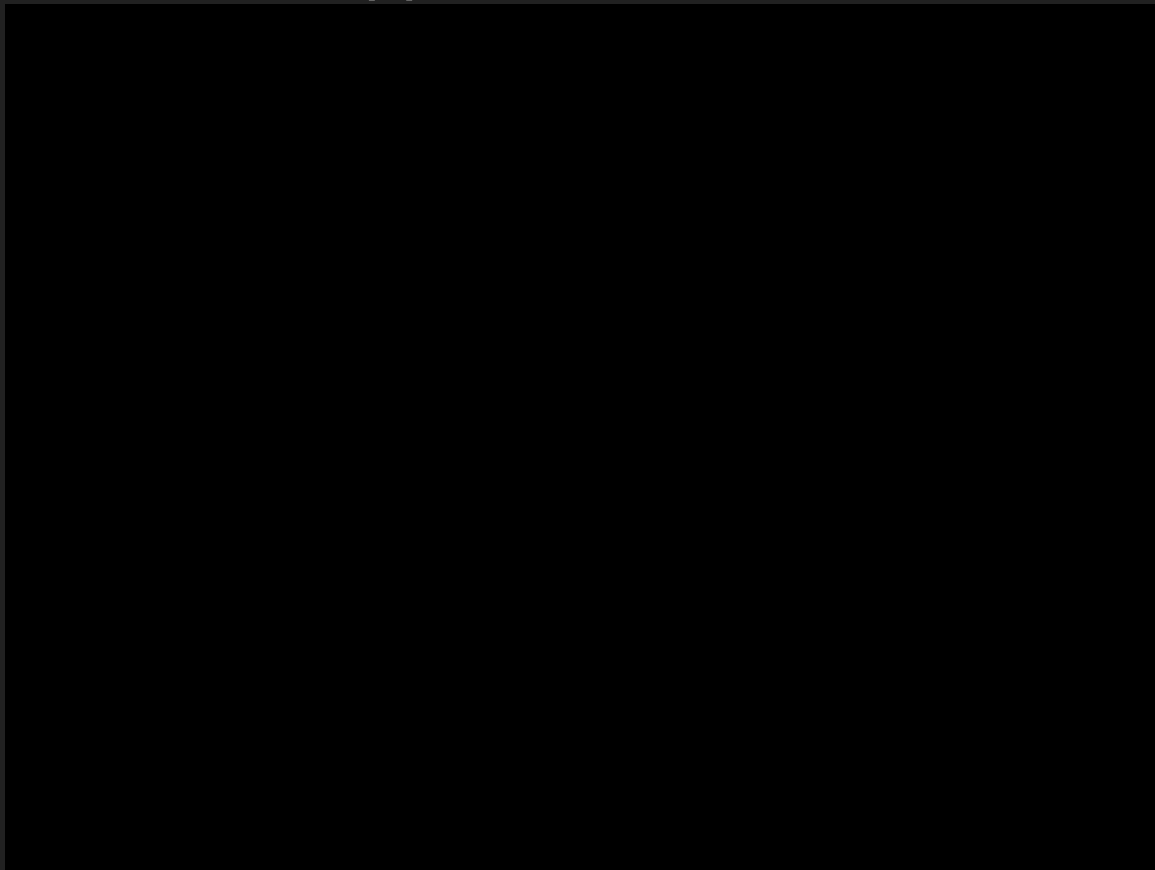|	org_type_name
1	Host
2	Individual
3	Service Provider
4	Venue Owner

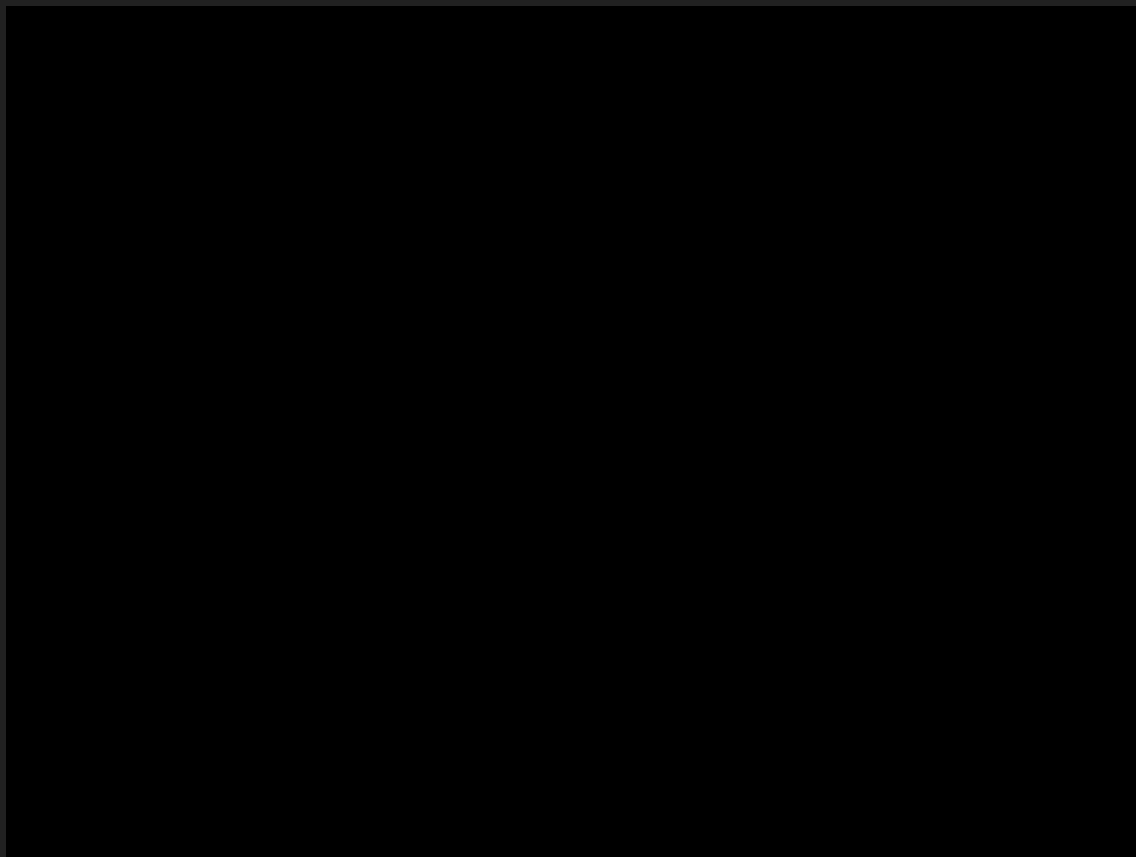| organization_id	organization_type	organization_name	organization_email	organization_phone_no	organization_reg_no	organization_street_address	organization_zipcode
1	1	Host	iGSO	iGSO@syr.edu	315676630	R01231	ischool	13210
2	2	Service Provider	PANDA EXPRESS	PEXPRESS@syr.edu	315699630	R01232	Shine Student Center	13210
3	3	Venue Owner	ischool	ischool@syr.edu	315676622	R01233	ischool	13210
4	4	Host	University Union	uu@syr.edu	315220099	R01234	Schine Student Center	13210
5	5	Host	International Students Servi…	reach@umd.edu	3334445511	R01235	Center for International Stud…	20742
6	6	Service Provider	Burger King	cc@burgerking.com	884422113	R01236	555 King Ave	98101
7	7	Venue Owner	JMA	contact@jma.com	422555112	R01237	510 Stadium Rd	11590
8	8	Venue Owner	Union Board	unionboard@syr.edu	3347282718	R01238	Schine Student Center	13210
9	9	Service Provider	Funky DJ	funkydj@gmail.com	4625165222	R01239	S Colbert ST	44430
10	10	Service Provider	Orderly Arrangers	orderly@yahoo.com	2256515243	R01240	12 Waterfront ST	13220

request_id	request_event_name	request_date	request_number_of_days	request_estimated_attendance	request_event_type	request_description	request_status	request_
1	1	Water Baloon Fight	2023-02-01	3	50	Hangout	NULL	pending	4
2	2	Crazy meals	2023-01-15	1	200	Food festival	Come enjoy great food	approved	4
3	3	Lofi Music Vibes	2022-12-28	1	40	Concert	Chill Vibes all day	pending	1
4	4	IST 659	2023-03-28	1	80	Hangout	Check-in event for internati…	pending	1
5	5	Mental Health awareness	2023-02-03	1	160	Seminar	NULL	pending	4
6	6	Movie night	2023-03-14	1	40	Hangout	Valentines day movie night	pending	1
7	7	Jump away	2023-02-17	1	200	Hangout	Have fun at the trampoline p…	pending	4
8	8	Future Engineer Conference	2023-04-25	1	898	Conference	Conference for all engineeri…	pending	5

status_type
1	approved
2	pending
3	rejected

Application Demo

Reflections

Thank You!