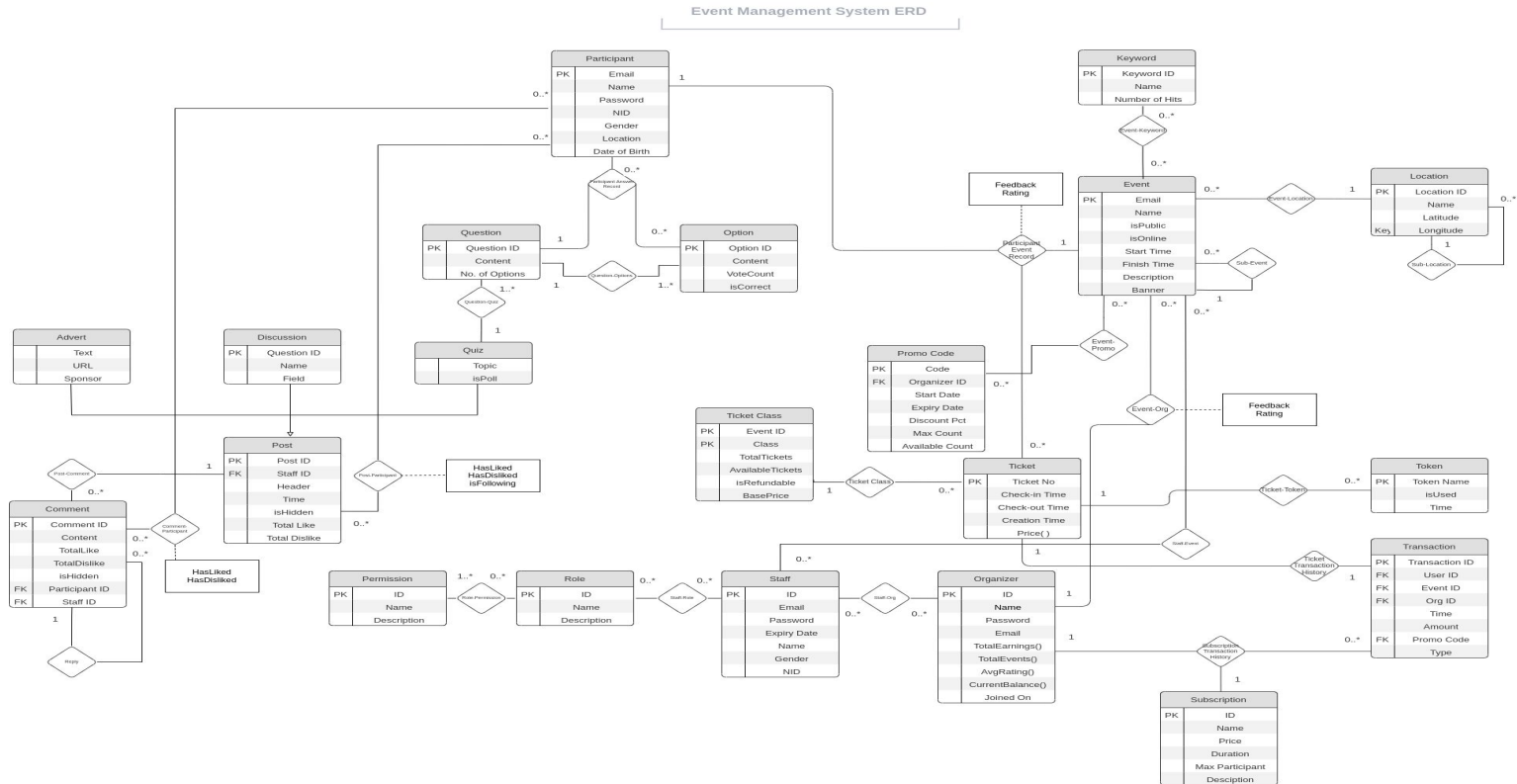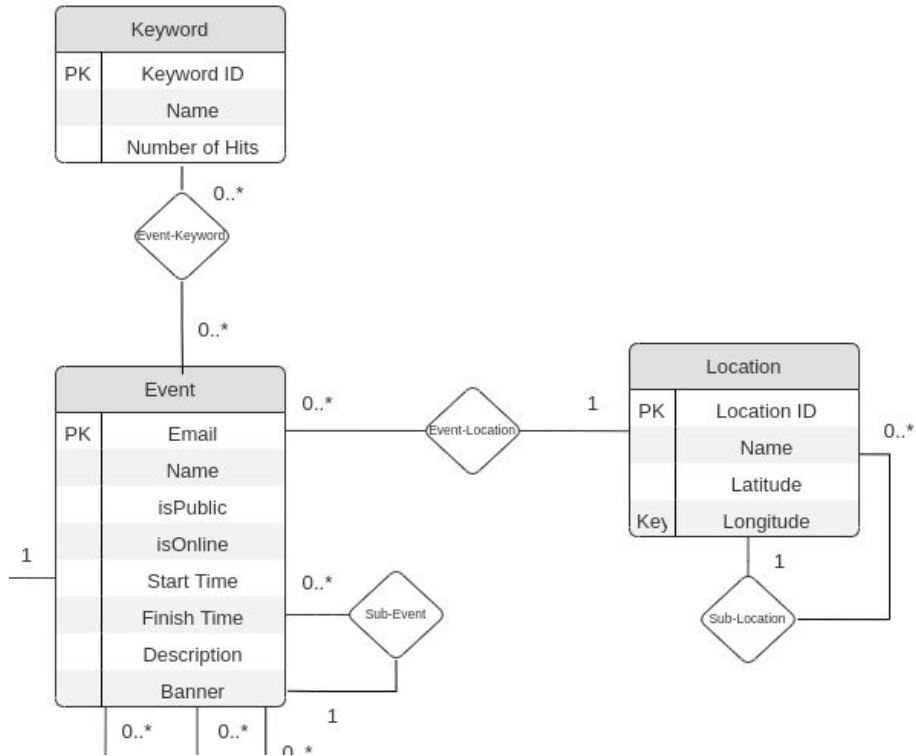# EventFly
An Event Management System

Entity-Relationship Diagram

Presented By
Tanzim Hossain Romel
Student ID: 1705069
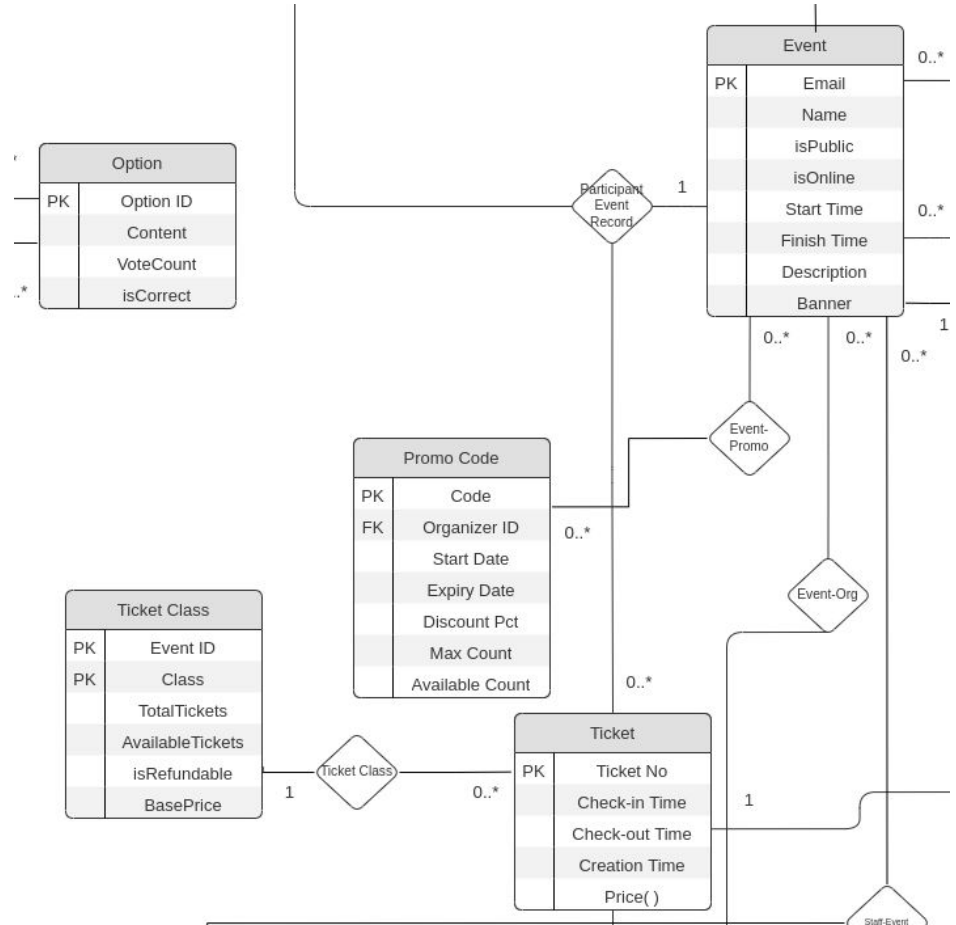
An Overview

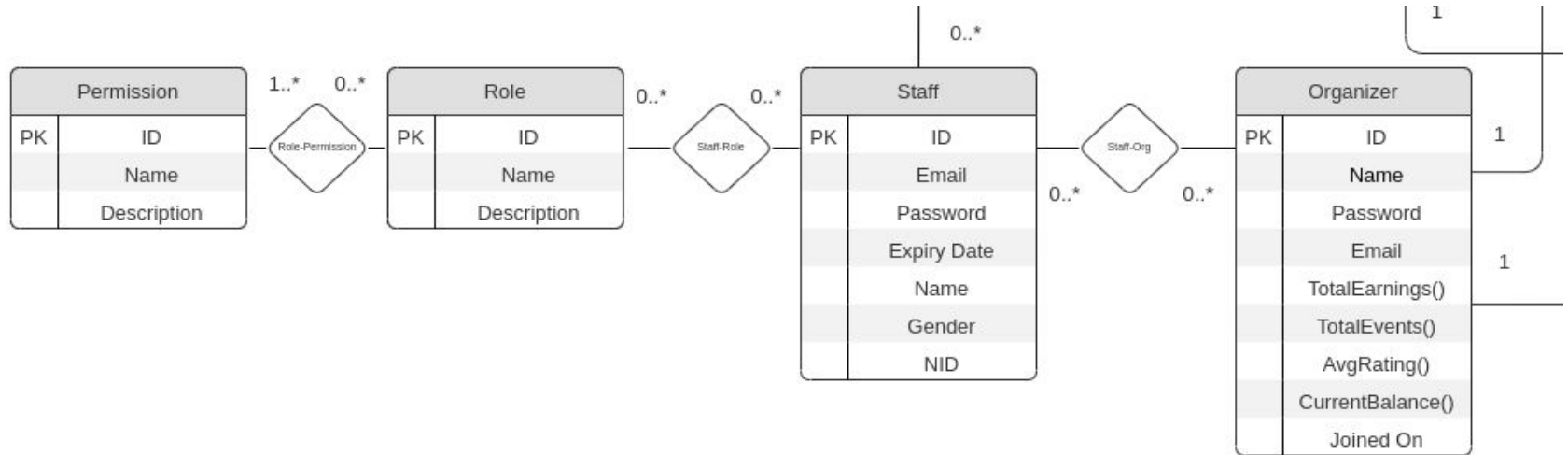Event Management System ERD

Event & Sub-Events

Tickets

Option

PK	Option ID
	Content
	VoteCount
	isCorrect

Event

PK	Email
	Name
	isPublic
	isOnline
	Start Time
	Finish Time
	Description
	Banner

Participant Event Record

1

0..*

0..*

0..*

0..*

1

0..*

Event-Promo

Promo Code

PK	Code
FK	Organizer ID
	Start Date
	Expiry Date
	Discount Pct
	Max Count
	Available Count

0..*

Event-Org

Ticket Class

PK	Event ID
PK	Class
	TotalTickets
	AvailableTickets
	isRefundable
	BasePrice

1

Ticket Class

0..*

0..*

Ticket

PK	Ticket No
	Check-in Time
	Check-out Time
	Creation Time
	Price( )

1

Staff-Event
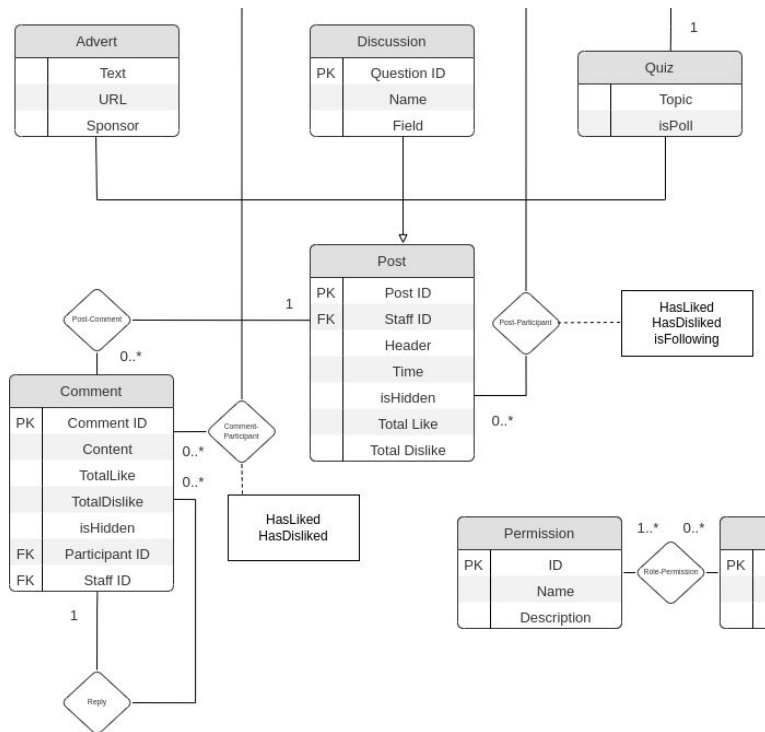
Staff & Role Based Access Control

News Feed: Posts and Comments

Advert

Text
URL
Sponsor

Discussion

PK	Question ID
	Name
	Field

Quiz

Topic
isPoll

1

Post

PK	Post ID
FK	Staff ID
	Header
	Time
	isHidden
	Total Like
	Total Dislike

Post-Comment

1

0..*

Post-Participant

HasLiked
HasDisliked
isFollowing

Comment

PK	Comment ID
	Content
	TotalLike
	TotalDislike
	isHidden
FK	Participant ID
FK	Staff ID

Comment-Participant

0..*

0..*

HasLiked
HasDisliked

1

Reply

Permission

PK	ID
	Name
	Description

Role-Permission

1..*   0..*

PK

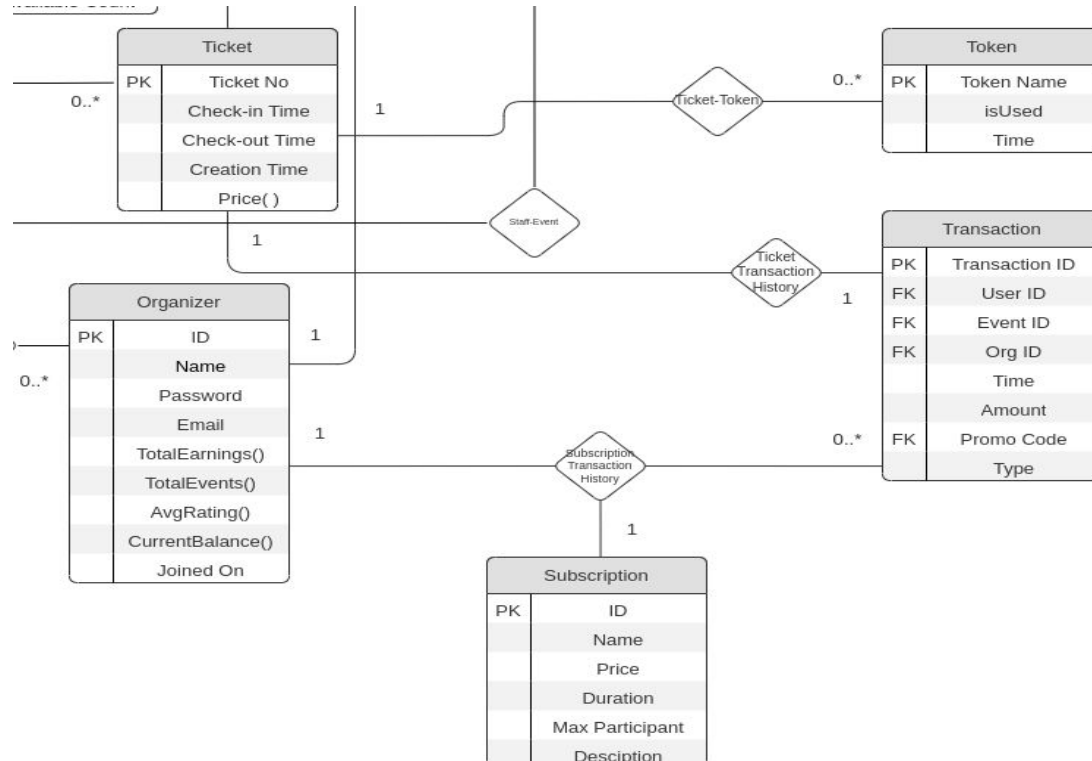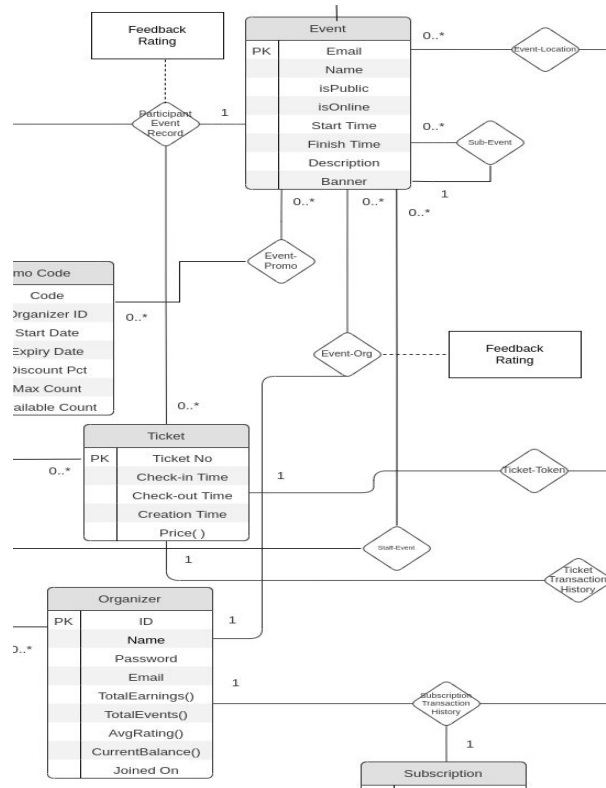# Polls and Quizzes

Transactions

Feedback

Thank You!