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Professor Walters

Assignment 2

Database Project Assignment 2: Queries in Human

The database will keep track of each arena/location. With the type/number of workers at each location. The schedule of each worker. Keeping track of the teams signing up in each sport at each field. The day/time the games are scheduled. The day/time training rentals are scheduled/signed up for. The number of sales at the concession stand/bar. The number of people coming in. Entrance will be $5 every person. If a major event is scheduled than the database would have to keep track of the parking spots that will charge a fee and of tickets sales of each seat (no entrance fee) so there is max amount only. Lost items would be collected in the database until it is called in for retrieval. The database would get information if there were a lost child or pet. The database will be owned by the Owner of ASZ. The database will be managed by the head manager. The people who have access to the staff data are the owner, head manager, security, food/drink workers, extra workers. The staff database will collect data from each arena/location on: The schedule of all workers weekly shift schedules. Number of sales from concession and bar. Entrance/Parking fees. Lost items would be collected in the database until it is called in for retrieval. The database would get information if there were a lost child or pet. If it is a major event the workers will keep track of parking entrance/fee and arena entrance/tickets sales. The public database will collect data on: All sports teams’ schedules for games (time/date). Schedule for training/open gym rentals. Dates/price for major events. Sports teams and any other user can access information from the public database.

**Q1:** Who works at the bar on Monday at ASZ Orland Park?

Select Fname, Lname, ID

From ScheduleBar

Where Date = 9/13/21

And Location = OrlandPark

**Q2:** Who are the cashiers from the concession stand on Friday at Shamburg?

Select Fname, Lname, ID

From ScheduleCS

Where Date = 9/17/21

And Location = Shamburg

**Q3:** How much money did we make from the concession stand and bar on Wednesday at Naperville?

Select BarSales, CSSales

From TotalSales

Where Date = 9/15/21

And Location = Naperville

**Q4:** How much money was made from entrance fees on Saturday and Sunday at Naperville?

Select EntrFee

From TotalSales

Where Date = 9/11/21, 9/12/21

And Location = Naperville

**Q5:** How much money was made from entrance fees on Saturday and Sunday at Naperville?

Select EntrFee

From TotalSales

Where Date = 9/11/21, 9/12/21

And Location = Naperville

**Q6:** How many lost items were picked up during Naperville music festival?

Select LostItem

From Lost

Where Date = 9/11/21, 9/12/21

And Location = Naperville

**Q7:** What child was lost on 9/5/21 at Orland Park?

Select Fname, Lname, Gender, Age

From LostPerson

Where Date = 9/5/21

And Location = OrlandPark

**Q8:** What pet was lost on 9/2/21 at Shamburg?

Select Type, Color, Size

From LostPet

Where Date = 9/2/21

And Location = Shamburg

**Q9:** How much money was earned in parking fees during the major event 9/4/21 at Shamburg?

Select ParkFee

From TotalSales, MEvent

Where Date = 9/4/21

And Location = Shamburg

**Q10:** How much money was earned in parking fees during the major event 9/5/21 at Orland Park?

Select ParkFee

From TotalSales, MEvent

Where Date = 9/5/21

And Location = OrlandPark

**Q11:** What soccer teams will play on the soccer field, 9/18/21 at Orland Park?

Select TeamID, TeamName, Ages,

From Feild1, SportSoc

Where Date = 9/18/21

And Location = OrlandPark

**Q12:** What football teams will play on the football field, 9/18/21 at Shamburg?

Select TeamID, TeamName, Ages, Football

From Feild1, SportFoot

Where Date = 9/18/21

And Location = Shamburg

**Q13:** What basketball teams will play on the basketball court, 9/19/21 at Naperville?

Select TeamID, TeamName, Ages, Basketball

From Feild2, SportBask

Where Date = 9/19/21

And Location = Naperville

**Q14:** What volleyball teams will play on the volleyball court, 9/19/21 at Naperville?

Select TeamID, TeamName, Ages, Volleyball

From Feild2, SportVoll

Where Date = 9/19/21

And Location = Naperville

**Q15:** When is the soccer field open for rental, 9/27/21 at Naperville?

Select Rent

From Feild1

Where Date = 9/27/21

And Location = Naperville

**Q16:** What is the ticket price of the major event on 10/2/21 at Orland Park?

Select Price

From MEvent

Where Date = 10/2/21

And Location = OrlandPark

**Q17:** How much money was mad from ticket sales from the major event, 10/2/21 at Orland Park?

Select TicketP

From TotalSales, MEvent

Where Date = 10/2/21

And Location = OrlandPark

Partners Database Rolando Martinez:

The company Spotify has three offices that contain all the data in our database. Those three offices are in the U.S., Canada, and Mexico. The database is owned by our special team located in three different offices. We call them DBST also known as our database support team, they manage all ticket sales, purchases, music, albums, and a whole lot more. The database will keep track of how many times you listen to a song, what genres you listen to the most, favorite artists, most searched songs/albums/podcasts/etc. we also keep track of the song length and time people like to engage with, like how fast or how often they skip a song or replay the same song. Featured artists are also stored in our database, our customers may sometimes just like the featured artists. We also keep track of what year and day the song or album came out; this gives the customer a more variety to search for old or recent music. Our focus is providing the best services we can by keeping our customers up to date on their favorite artists and music. We keep track of everything you search for, like, listen, follow, etc. to make sure we can give you the best updates. It becomes an easier search when everything is organized with the top things you listen to. Our employees work constantly on providing the best way to purchase and catch up on your favorite artist concerts or meet and greets. The database collects when you purchase a concert ticket to guarantee your seat in the stadium, so we never overload our capacity in parking spots or seats. Ticket purchases are done online, it makes it easier for the customer and database to store the data efficiently. Our database also works to schedule our DBST work schedule weekly. The staff will be collecting data for its location only and will work together to update the whole application all at once.

Partners 3 Questions:

**Q1: What is the cost of concert tickets in January?**

**Select ticketCost, NumTickets**

**From TotalSales**

**Where Date = 01/2022**

**And location = Canada,U.S.,Mexico**

**Q2: Who is working on upcoming concerts and tickets sales on the weekend?**

**Select Fname, Lname, ID**

**From TimeSheet**

**Where location = Canada,U.S.,Mexico**

**And date = 9/19-9/21**

**Q3: Is there student discounts for Spotify premium or concerts?**

**Select StudentdiscPremium/concerts**

**Where date = 01/2022-12/2022**

**And location = Canada,U.S.,Mexico**