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CSCI 419

System Specification Document (S.S.D.)

Purpose of Database: The purpose of this database is to keep track of guest spending inside of the Walt Disney World Parks.

Data Sets Modeled:

* The data sets modeled are data collected from guests and their purchase across the parks at the Walt Disney World resort.

Entities and Relationships:

* Guests (GuestNum (PK), ResortNum (FK), AmountSpent) – Note: If ResortNum is null, it can be assumed they are staying off property or are locals.
* Orders (OrderNum (PK), ItemNum (FK), UnitPrice, Quantity)
* OrderLine (OrderNum (PK, FK), GuestNum (PK, FK), OrderTotal, OrderTimeStamp)
* Tickets (TicketNum (PK), Type, Price)
* Add On’s (AddOnNum (PK), Type, Price)
* Resorts (ResortNum (PK), ResortName, NightlyRate)
* Food (FoodNum (PK), Type, Price, Location)
* Clothing (ClothingNum (PK), Type, Price)
* Pins (PinNum (PK), Type, Price)
* Toys (ToyNum (PK), Type, Price)
* Souvenirs (SouvNum (PK), Type, Price)

Desired Look and Feel:

* The desired look and feel of the application I made was one that was simple to use. I made it easy for the user to find any page that they were looking for by using the navigation button in the upper left-hand corner. I also chose a mobile application format because I feel like those who would be keeping track of guest spending would be on the go a lot, and therefore would need a mobile application to keep them up to date without being stuck at a desk.