

Internet Gaming Café

Database system design for Internet Gaming
Cafe .

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Introduction :

This Database System design is based off an Internet Gaming Café. This Internet Gaming Café works in a different and organized system, which is out of the norm here in Nablus.

A system where an organized program is implemented in this Gaming Café to make managing the Café, financially a lot easier.

Abstract

The Problem

- There are lot of gaming Cafes, but not many have an efficient way to manage its Gamers using a single Software.

The Solution

- A software application which helps in storing all the information of the gamers playing in the café.
- The café Employee can store all their gamers profile in the Database management system built into the Gaming café application.
- The cafe manager can manage the employees information and store them

Description :

This Gaming Café is run by employees.

The Manager's job is to manage the employees. On the other hand, employee job is to manage the customers.

Customer can come into the Café and create an account in the system. The system requires a custom login .after an account is created, a buy action can be made.

A customer with an user account can charge playing hours on his account. These hours can be used by letting the customer login to his account on any computer, and then using up his time.

Project Analysis :

This cafe consist of many manager each one has :

Manager_Name -> Manager_F_Name,
Manager_L_Name , Manager_Age, Manager_DB,
Manager_ID , Manager_Phone .

One of the managers owns the cafe and consist of this data :

Cafe_Name, Cafe_Address.

Each manager manages multiple employees and each employee have :

Employee_Name -> Employee_F_Name,
Employee_L_Name , Employee_Age,
Employee_DB, Employee_ID,Employee_Phone .

The each customer have :

Customer_Name ->Customer_F_Name,
Customer_L_Name Customer_Age,
Customer_DB, Customer_ID,Customer_Phone,
Customer_Address.

Each of the customer and the employee can log_in into their account and consist of :

User_Password ,User_Email.

Employee reserve for customer :

Total_Prica,Start_Time,End_Time , Duration.

PC information controlled by the cafe :

PC_ID,PC_Type ,Price/Hour.

ERD

