Database Project
Step 1 Report

Eatery and Club

HOWLER'S

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Introduction:

Howler's is an eatery and club opened by four budding entrepreneurs who wanted to make their mark on the business after their graduation. As there where literally zero club in the locality, their business became an enormous success and they started thinking about expanding their business by introducing a few more facilities to their club. Completing their masters in ITM from The University of Texas at Dallas, they wanted to put their knowledge in IT field to use in their club to create a successful plan which ensures the growth of their business and help them generate reports which will help analyse the existing trend, areas to improve and possibilities of promotions and offers. Truly a double whammy of sorts with Business and IT come together and make a successful plan to propel an establishment. So, what exactly our budding entrepreneurs hoping - to make howler's howl on for long nights to come.

Problems with existing system:

Established not long ago this company has seen a steady rise in attendance and hope to capitalize on this to ensure sure growth of the club. The current system runs in excel with input of the customer data, employee data and financials all being manually input which makes extraction hard. And with the growing in customer count makes it even more tedious. After discussion, the team came up with the below issues which needs immediate attention:

- Customer details are not stored anywhere and hence it is impossible to do any customer specific promotions
- Maintaining the daily business details in excel sheet has made auditing task very tedious
- Employee's attendance details are not properly tracked making it impossible to keep a proper track of salary payment details
- There is no provision for the customers to provide a feedback for the services provided by the club and hence there is no way to identify the areas for improvement
- Inventory management is very inefficient thus resulting in huge loss at times

Solution Proposed:

Before the team can expand the business, it's important to resolve the existing issue. The solution is to find an effective way to organize the data for easier access, updates and analysis. The proposed solution is to build a Database system for managing all the data relevant to the Club.

- Customer details can be stored in the database and can be utilized to provide additional discounts or offers for the frequent customers
- Orders placed at the counter and all the event booking and check details can be stored in the database and it can be used to generate reports for auditing purposes.
- Employee details can be stored and managed efficiently, also, keep track of their clock-in and clock-out timings and salary payment details
- Provision for the customers to provide their valuable feedback and ratings which will be helpful to identify the areas of improvement
- New events can be posted in advance and thus the customers can be informed about the different events organized in the club through the site.
- Inventory management can be done more efficiently with a database system, to keep track of the raw materials and replenish the same as and when required.

Proposed Tables:

- **Order**: Any orders placed at the counter by the customers will be stored in this table
- **Inventory**: Inventory of all the items available in the store.
- **Employee**: employee details including contact information and wages per hour
- **EmployeeAttendance**: Table to store employee's attendance
- **Membership**: Details of the customers with membership in the club
- **Offers**: offers for member customers for them to choose from
- **Review**: stores the reviews of customer and feedback from customers.
- **Events**: Details of the events taking place in the club
- **EmpPayment**: details of employee hours and calculates pay amounts based on their hourly wage