**Final Write-up**

**Team 3**

Future Enhancement:

There are two main future enhancements for this database. Since all workers have to keep their time records on papers, we wanted to build a database to keep track of each employee’s work hour at the beginning of the project. However, since we only built a prototype, we made sample data of hours worked per pay period and entered those hours into the database. It would be more efficient if there was a “Time in” and “Time out” option for each employee on each work day which would then make the system calculate hours worked automatically. This way, the database would be able to store all the employee data on the system, and decrease the risk of losing data. Also, it would be much easier and quicker when the managers need to process timesheets and payroll because total hours worked is already done by the system.

On the other hand, money is counted by hand daily by the cashier, and there is no computerized system to keep track of the cash flow. Manual system leaves a lot of room for human error, so we also could build a system that could keep track of money coming in, and money disbursed. This would represent an accurate number of cash flows through the business.

Above and Beyond:

Within the database we added some features that went above and beyond the requirements. These features include:

-calculated fields for both deductions and total salary

-a lookup query to help the user find employees’ payroll bi-weekly

-a button to each form that opens up the respected report

-if an employee has gone over their maximum hour cap, it will turn the field red

Parameter Values:

For our Payroll Date Report, the only three dates that can be entered are: 6/4/2016, 6/18/2016, and 7/2/2016.

Report Overview

1) Our first report is the Emergency Contact Report. Being a pool, people are often running around on the wet floor which makes it easy to fall and get hurt. This report will be used in the business because if there is ever a case of emergency that occurs, management would be able to get a hold of whoever they need (such as family). This is important because the if management doesn't have the appropriate contact information problems could ensue.

2) The second report is the Employee Information by Position report. This would be used in the business because every summer the town hall looks over the list of employees from the previous summer for rehire. Depending on what position an employee is will determine their wage rate for that following summer. So by grouping by position it makes it easier for town hall to see who will be getting paid a higher amount for the upcoming summer. Also included in the report is the employee's social security number so that way the town would be able to apply the potential change of pay to any specific individual.

3) The next report is called Payroll Date. When opened, this report requires the user to enter in a payroll date. This can be used within the business because it will easily allow the business to look up how much money is being paid to their employees for any specific payroll. Included in this report are fields such as amount of hours worked, wage rate, deductions, and then the total salary of each employee.

4) The Timesheet Report is similar to the Payroll Date report except it allows for the user to view what the employees are getting paid throughout the entire summer. This creates great business value because at the end of the summer the business can see how much money has been spent on their employees’. Corresponding with the business's records of how much money they made over the summer will accurately reflect the amount of money the pool has made. This concept also applies monthly because the report itself is grouped by month.

5) The last report is the Position Report. This is a perfect report that could be put on the town website for people inquiring about working at the pool. It gives a description of what each position does as well as if they will need a certification for that specific job. This creates business value because people will come to the job knowing what their job is and what it requires.