Employee Profile

Employee Profile

HR Personnel

Employee

Deductions/Loans Record

Time In/Out

Payslip Record

Attendance Record

Payslip Record

Attendance Record

Time In/Out

Deductions/Loans Record

System Maintenance

Attendance Record

Employee Deduction/Loan Filing

Employee Leave Filing

Deductions/Loans Record

Payslip Record

Employee   
Profile

Payroll Personnel

Time In/Out

Employee Payslip

Employee Paysheet

*Figure 2.* Context Level Diagram

Manage Employee Profile

employee

Employee Profile Data

Employee Profile Data

Time In/Out Data

Time In/Out

View Attendance Record

timelog

Time In/Out Data

Attendance Data

Employee

Attendance Data

Deductions/Loans Data

View Deductions/Loans Record

deductions

Deductions/Loans   
Data

Payslip Data

View Payslip Record

Payslip Data

paysliploan

payslip

*Figure 3.* Employee DFD

Employee   
Profile   
Data

employee

department

positions

Manage Employee Profile

Employee Profile Data

System Maintenance

holiday

System Maintenance Data

System   
Maintenance   
 Data

company\_profile

HR Personnel

Leave Data

Leave Data

leave

leavehistory

Filing of Employee’s Leave

Deduction/Loan Data

View Deductions/Loans Record

deductions

Deductions/Loans Data

Filing of Employee’s Deduction/Loan

Deduction/Loan Data

Time In/Out

View Attendance Record

timelog

Time In/Out Data

Attendance Data

Time In/Out Data

Attendance Data

Deductions/Loans Data

View Payslip Record

Payslip Data

paysliploan

payslip

Payslip Data

*Figure 4.* HR Personnel DFD

Employee Profile Data

Manage Employee Profile

employee

Employee Profile Data

paysheetloan

paysheet

Generate Paysheet

Paysheet Data

Paysheet Data

paysliploan

payslip

Payslip Data

Generate Payslip

Payslip Data

Payroll Personnel

Time In/Out   
Data

Time In/Out Data

Time In/Out

timelog

Attendance Data

Attendance Data

View Attendance Record

View Payslip Record

Payslip Data

Payslip Data

Deductions/Loans   
Data

deductions

View Deductions/Loans Record

Deductions/Loans Data

*Figure 5.* Payroll Personnel DFD

|  |  |
| --- | --- |
| **company\_profile** | |
| id | int(10) |
| name | varchar(100) |
| abbre | varchar(10) |
| description | varchar(150) |
| address | varchar(100) |
| contactNo | varchar(15) |
| startTime | varchar(10) |
| endTime | varchar(10) |
| startRange | varchar(10) |
| endRange | varchar(10) |
| colorTheme | varchar(15) |
| logo | varchar(255) |
| timeBasis | varchar(10) |

|  |  |
| --- | --- |
| **deductions** | |
| deductionNo | int(4) |
| empID | varchar(255) |
| fullName | varchar(255) |
| deductionName | varchar(255) |
| amount | float |
| mtp | int(5) |
| monthsLeft | int(5) |
| dateApplied | varchar(50) |
| status | varchar(255) |