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| Roll No: | 110 |
| Class: | SYBCA-B SEM4 |
| Subject: | .Net Programming |
| Project Title: | Prime Minister Office Management System |
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**S.D. Jain International College**

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**1. Introduction**

Prime Minister Office Management System is application which can be used to handle the office work of Prime Minister Office.

**1.1Project Summary**

PMO management system is used to manage Employee Details, Payroll System, Project Analysis System and Expense Accounting. This application helps admin to insert details about systems. This application can generate various kinds of reports which are useful to PMO admin and workers. This system include following subsystem which are described as bellow.

1. **Employee Details**: Here you can see all details of the Employees.
2. **Payroll System:** It manage Employee’s Payroll
3. **Project Analysis System:** It store the details about each project. Which Ministry does it belongs to, Expected investment on particular project, The beginning and the ending date etc.
4. **Expense Accounting:** It shows the total amount spend by minister on particular Project.

**1.2 Technical Details**

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| --- | --- |
| **Project Title** | Prime Minister Office Management System |
| **Project Objective** | Manage Prime Minister Office System |
| **Name Of College** | SDJ International College |
| **Front-End Tool** | VB.NET |
| **Back-End Tool** | Ms Access Database along with ADO.NET |
| **Operating System** | Any Windows OS with .Net Framework 3.5 or later |
| **Internal Guide** | Nehal Patel |
| **Submitted By** | Pandey Adarsh H. |

**2. Designing**

Designing will include database designing and User interface designing.

**2.1 Database Design**

**Employee**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Description** | **Constraints** |
| EmpId | Number | Unique ID of Employee | Primary Key |
| FullName | Text | Full Name of Employee | - |
| Address | Text | Address of Employee | - |
| Email | Text | Email of Employee | - |
| PhoneNo | Text | Contact detail of Employee | - |
| RupeesPerHour | Number | Rupees Per Hour worked by Employee | - |

**Payroll**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Description** | **Constraints** |
| EmpId | Number | Unique ID of Employee | Foreign Key(Employee) |
| HoursWorked | Number | Number of Hours Employee Worked | - |
| PaidAmt | Number | Total Amount paid to Employee | - |

**LogIn**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Description** | **Constraints** |
| UserName | Text | User Name of Employee | - |
| Password | Text | Password of Employee | - |

**ProjectAnalysis**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Description** | **Constraints** |
| ProjectId | Number | Unique ID of Projects | Primary Key |
| ProjectName | Text | Name of Projects | - |
| MinistryId | Number | Unique Id of Ministry | Foreign Key(Ministry) |
| ProjectStartDate | Date | Date from which the Project has initiated | - |
| ProjectDuration | Number | Date on which Project will be finished(in days) | - |
| ExpectedInvestment | Number | Expected Investment on the particular project (in crore) | - |

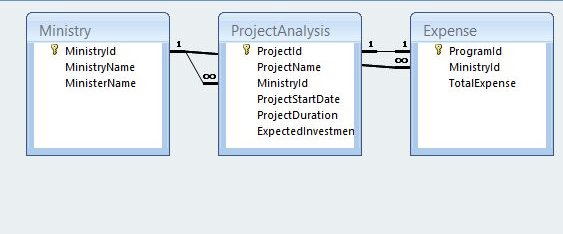
**Ministry**

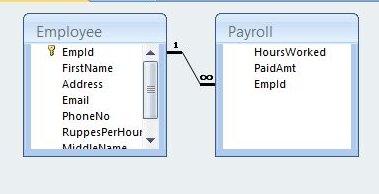
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| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Description** | **Constraints** |
| MinistryId | Number | Unique Id of Ministry | Primary Key |
| MinistryName | Text | Name of Ministry | - |
| MinisterName | Text | Name of Minster which manage particular Ministry | - |

**Expense**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Description** | **Constraints** |
| ProgramId | Number | Unique ID of Projects | Foreign Key(ProjectAnalysis) |
| MinistryId | Number | Unique Id of Ministry | Foreign Key(Ministry) |
| TotalExpense | Number | Total Expense spend on a Project(in crore till date) | - |

**2.2 Database Relationship**

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