

# **FPT2 - Application of System Integration - Final Requirement - Documentation**

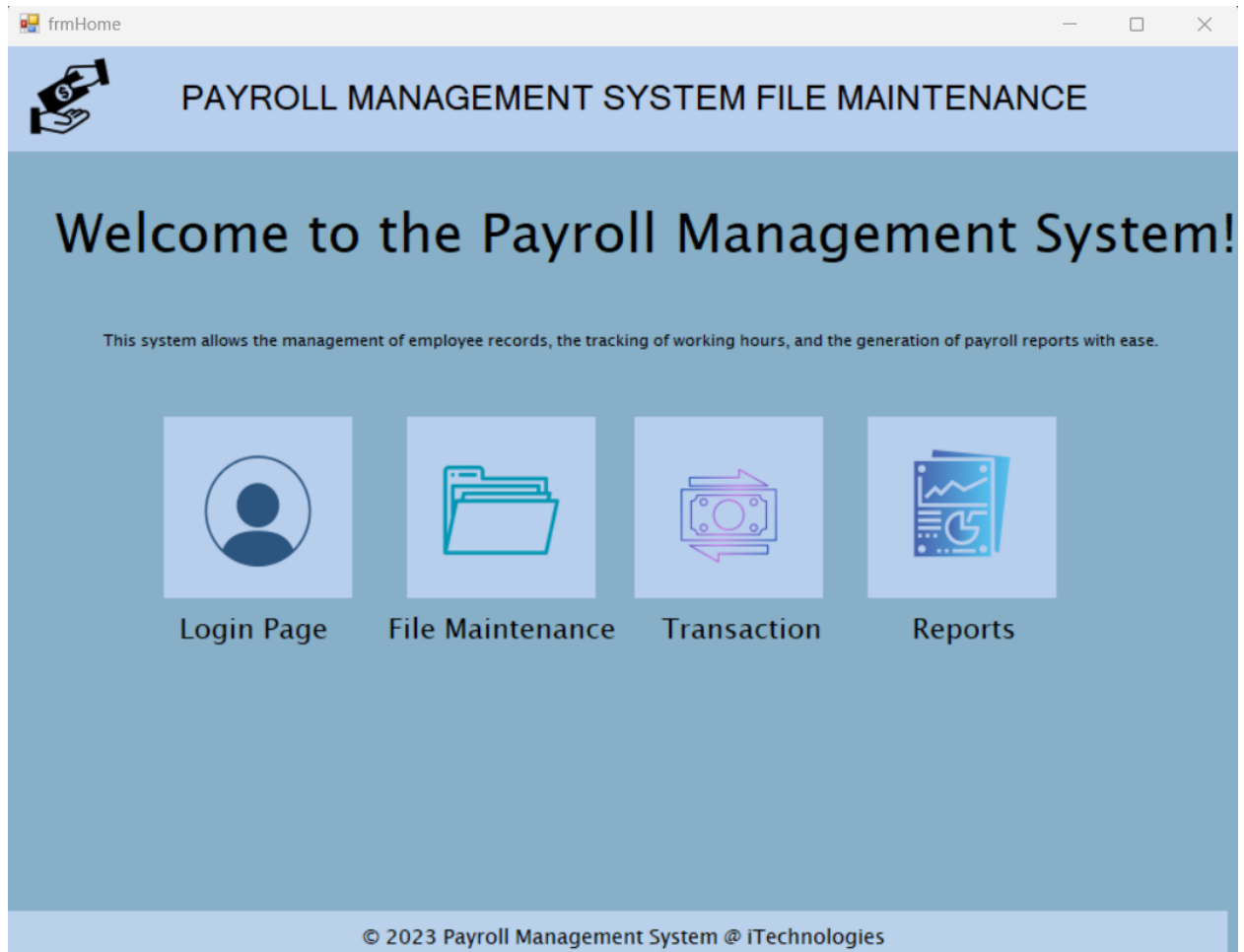
**Group: iTechnologies**

## ***Compilation of Documentation of the Application of System Integration***

iTechnologies is a group comprised of three members, namely Mr. Mark Lodriga, Mr. Adrian Rey Odango, and Ms. Kyla Andrea Tamayo. We are a group of colleagues who share the same goal. The completion of this requirement would not have been possible without collaboration and cooperation. As we strive towards our objectives, we shall continue to provide one another with support and teamwork.


Below is a compilation of screenshots of the forms of system integration for documentation that the Group iTechnologies has developed over the past months.

➤ frmHome



➤ frmAdminLogin

frmAdminLogin




Employee

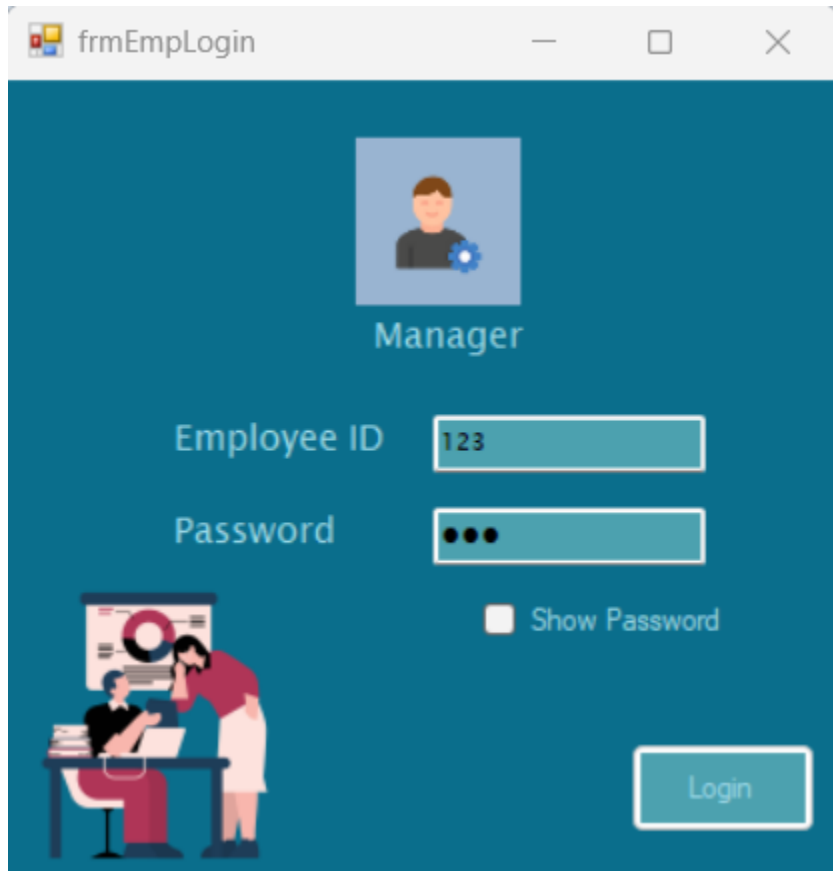
Manager ID:

Password

☐ Show Password



➤ frmEmpLogin



The screenshot shows a Windows-style application window titled "frmEmpLogin". The window has a dark teal background. At the top center, there is a square icon containing a person's head and shoulders next to a blue gear, with the word "Manager" written below it. Below this, there are two input fields: "Employee ID" with the value "123" and "Password" with three black dots. To the right of the password field is a checkbox labeled "Show Password". In the bottom right corner, there is a "Login" button. In the bottom left corner, there is an illustration of two people at a desk with a laptop and a presentation board.

frmEmpLogin

Manager

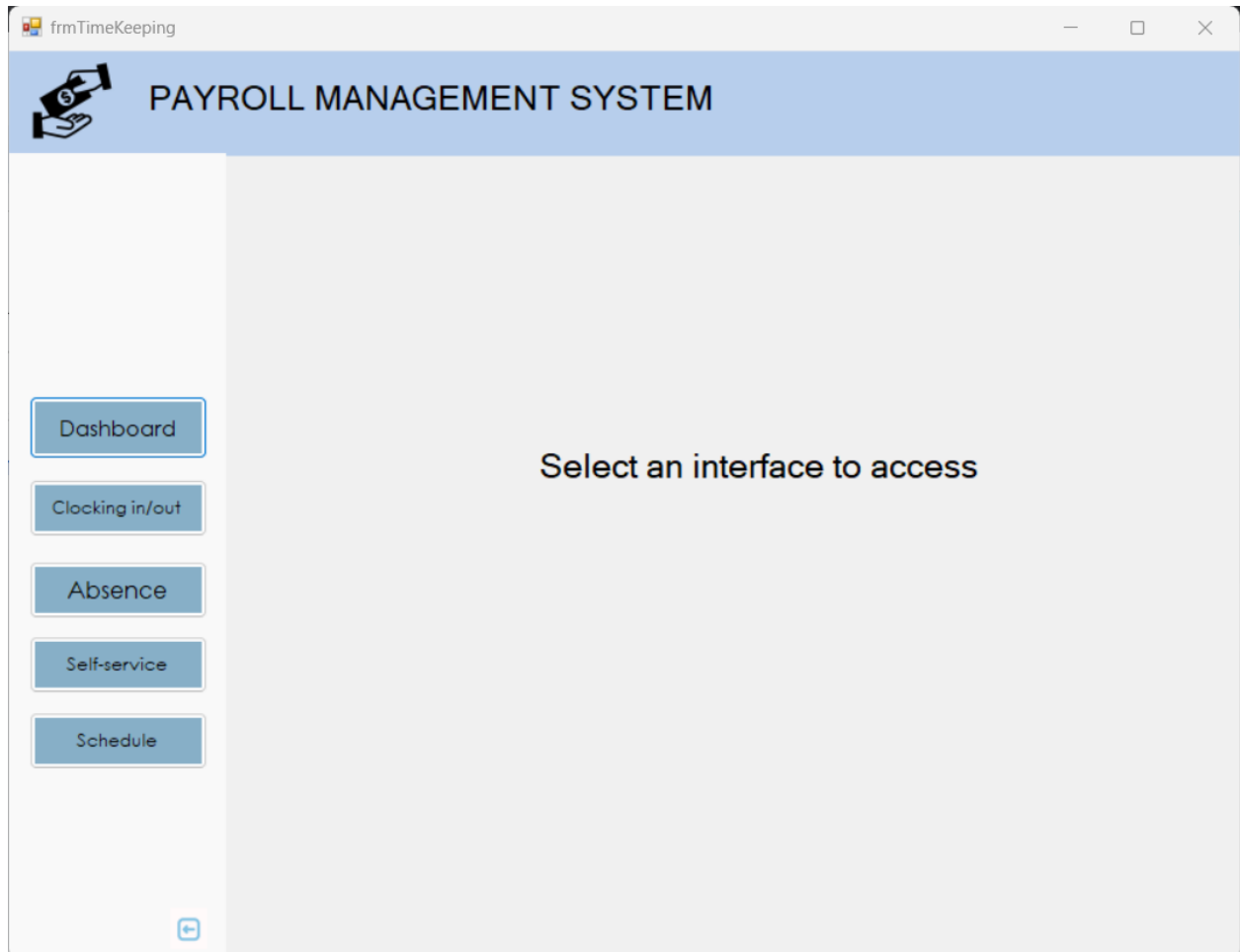
Employee ID 123

Password ●●●

☐ Show Password


Login

➤ **frmTimeKeeping**



➤ **frmDashboard**

frmDashboard

PAYROLL MANAGEMENT SYSTEM REPORT

Employee Dashboard

Your Dashboard

|   | Employee_ID | Employee_Name | Hours_Worked | Absences | Lates |
|---|-------------|---------------|--------------|----------|-------|
| ▶ | 5           | Jemm          | 0            | 1        | 2     |
| * |             |               |              |          |       |


Dashboard

Clocking in/ out

Absence


Self-service

Schedule



➤ frmClockingInOut

frmClockingInOut

PAYROLL MANAGEMENT SYSTEM REPORT

Notifications

Dashboard

Clocking in out

Absence

Self-service

Schedule

**Clocking In/Out Form**

**Employee Name:** Jemm

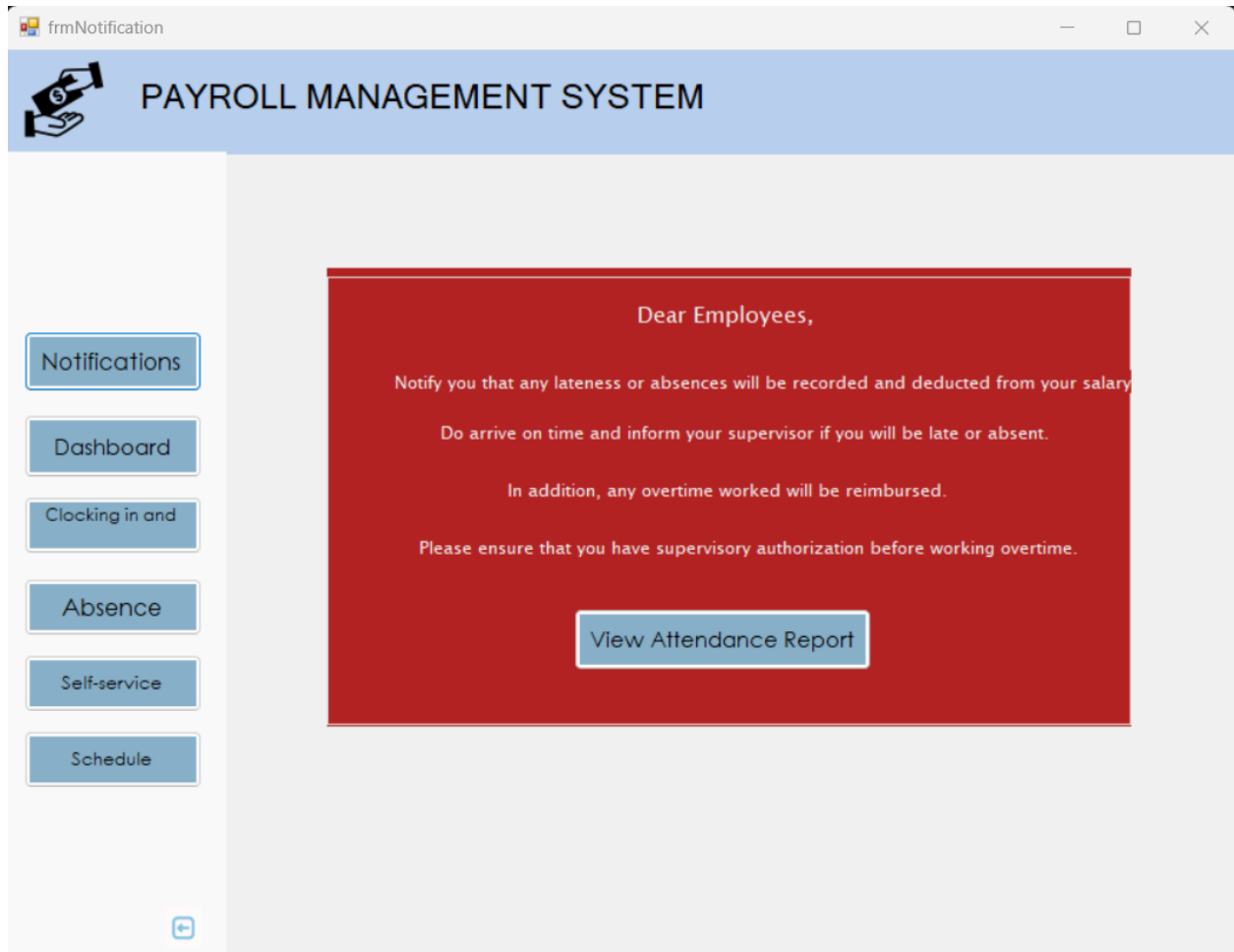
Shift Start Time: 11:20 pm

Shift End Time: 11:20 pm

Clock In

Clock Out


➤ **frmNotification**





➤ **frmAbsence**

frmAbsence

 PAYROLL MANAGEMENT SYSTEM TRANSACTION

Dashboard

Clocking in/out

Absence


Self-service

Schedule

**Absence Tracking Form**

|   | Date | Reason   |
|---|------|----------|
| ▶ | 5    | Sickness |
| * |      |          |

frmSelfService



# PAYROLL MANAGEMENT SYSTEM FILE MAINTENANCE

Dashboard

Clocking in/out

Absence

Self-service

Schedule

## Self-Service Form

### My Information

Name:

jemm

Employee ID:

5

Position:

Executive

Department:

IT

### My Schedule

|   | Monday  | Tuesday | Wednesday | Thursday | Friday  | Saturday | Sunday  |
|---|---------|---------|-----------|----------|---------|----------|---------|
| ▶ | Insp... | Man...  | Day ...   | Insp...  | Revi... | Man...   | Day ... |
| * |         |         |           |          |         |          |         |

### My Time Off

Current Paid Time Off Balance:

Request Time Off:

Start Date:

Friday , 19 May 2023 ▼

End Date:

Friday , 19 May 2023 ▼

### My Hours

Total Hours Worked:

0


Hours This Week:

Hours This Month:

Submit

➤ frmEmpSched

frmEmpSched



PAYROLL MANAGEMENT SYSTEM TRANSACTION

Dashboard

Clocking in/out

Absence

Self-service


Schedule

Employee Scheduling Form

|   | Monday  | tuesday | Wednesday | Thursday | Friday | Saturday | Sunday  |
|---|---------|---------|-----------|----------|--------|----------|---------|
| ► | Inspect | Manage  | Day Off   | Inspect  | Review | Manage   | Day Off |
| * |         |         |           |          |        |          |         |
|   |         |         |           |          |        |          |         |

➤ **frmFileMaintenance**

frmFileMaintenance

 **PAYROLL MANAGEMENT SYSTEM FILE MAINTENANCE**

**Add Employee**

**Edit Employee**

**Delete Employee**

**View Records**

**Employee Name:**

**Password:**

**Position:**

**Department:**

**Address:**

**Submit** **Reset**


**Add Employee** **×**

**i** **Employee Added.**

**OK**

➤ **frmEditEmployee**

frmEditEmployee


 **PAYROLL MANAGEMENT SYSTEM FILE MAINTENANCE**

**Add Employee**

**Edit Employee**

**Delete Employee**

**View Records**



**Edit Employee**

Employee ID:  **Search**


Employee Name:

Position:

Department:

Address:  **Update**

**Edit Employee** **×**

 **Edit Complete.**

**OK**

➤ frmDelEmployee

The screenshot displays a Windows application window titled "frmDelEmp". The main interface has a light blue header bar with a logo of a hand holding a coin and the text "PAYROLL MANAGEMENT SYSTEM FILE MAINTENANCE". On the left side, there is a vertical sidebar with four buttons: "Add Employee", "Edit Employee", "Delete Employee", and "View Records". The "Delete Employee" button is currently selected. The main content area features a light blue box titled "Delete Employee" which contains the label "Employee ID:" followed by a text input field containing the number "2". Below the input field are two buttons: "Delete" and "Clear". A small confirmation dialog box is overlaid on the right side of the main form, titled "Delete Employee". It contains an information icon (i) and the text "Employee Deleted.", with an "OK" button at the bottom.

frmDelEmp

PAYROLL MANAGEMENT SYSTEM FILE MAINTENANCE

Add Employee

Edit Employee

Delete Employee

View Records

**Delete Employee**

Employee ID:

2

Delete Clear

Delete Employee

Employee Deleted.

OK

➤ **frmViewRecords**

The interface features a light blue header bar with the title "PAYROLL MANAGEMENT SYSTEM FILE MAINTENANCE". On the left side, there is a vertical sidebar containing four buttons: "Add Employee", "Edit Employee", "Delete Employee", and "View Records". The main area has a light blue background. At the top of this area is the heading "View Records". Below it is a search bar with a "Submit" button. A table displays employee records with columns for EmployeeID, EmployeeName, Position, HoursWorked, OverTime, and BasicRate. The first row is highlighted in blue.

## PAYROLL MANAGEMENT SYSTEM FILE MAINTENANCE


### View Records

Search

|   | EmployeeID | EmployeeName | Position     | HoursWorked | OverTime | BasicRate |
|---|------------|--------------|--------------|-------------|----------|-----------|
| ▶ | 1          | Adrian       | Accountant   | 70          | 5        | 700       |
|   | 2          | Mark         | HR Personnel |             |          |           |
|   | 3          | Kyla         | HR Personnel | 0           | 0        | 0         |
|   | 4          | Jem          | Executive    |             | 0        | 0         |
|   | 5          | Jemm         | Executive    | 0           | 0        | 0         |
|   | 6          | Adrian       | HR Personnel | 0           | 0        | 0         |
| * |            |              |              |             |          |           |

➤ frmTransaction

frmTransaction



PAYROLL MANAGEMENT SYSTEM FILE MAINTENANCE


Attendance

Gross Salary

Deductions

Adhoc Pay

Net Salary



**Attendance**

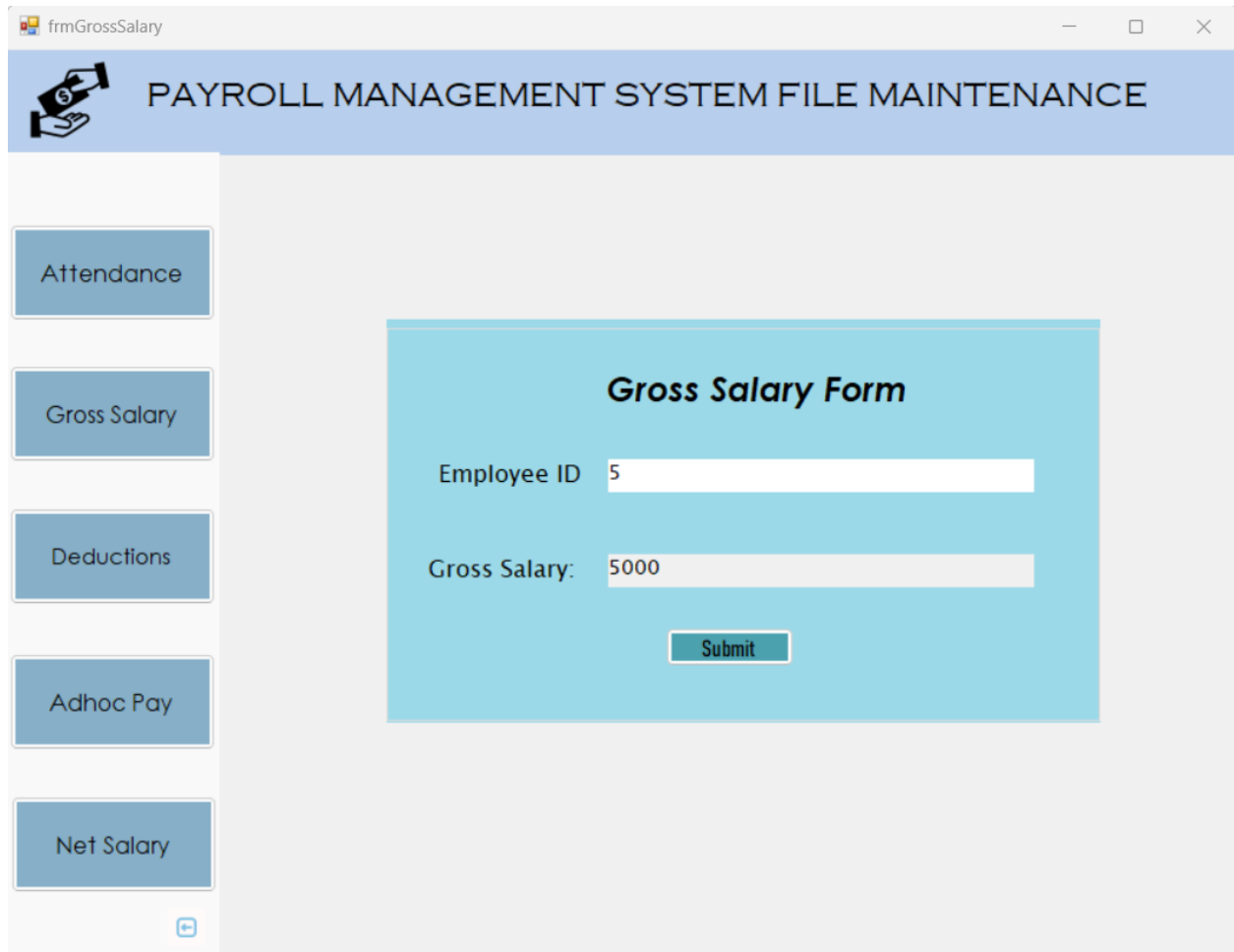
Employee ID

Name

Attendance 5



➤ frmGrossSalary



The screenshot displays a web application window titled "frmGrossSalary". The header bar is blue and contains a logo of a hand holding a dollar bill on the left and the text "PAYROLL MANAGEMENT SYSTEM FILE MAINTENANCE" on the right. A vertical sidebar on the left side of the window contains five blue buttons: "Attendance", "Gross Salary", "Deductions", "Adhoc Pay", and "Net Salary". The "Gross Salary" button is currently selected. The main content area is light gray and features a light blue rectangular form titled "Gross Salary Form". Inside this form, there are two input fields: "Employee ID" with the value "5" and "Gross Salary:" with the value "5000". Below these fields is a "Submit" button.

frmGrossSalary

PAYROLL MANAGEMENT SYSTEM FILE MAINTENANCE

Attendance

Gross Salary

Deductions

Adhoc Pay

Net Salary

**Gross Salary Form**

Employee ID 5

Gross Salary: 5000

Submit

➤ **frmDeduction**




The screenshot shows a web application window titled "frmDeduction". The header bar is blue and contains a logo of a hand holding a coin and the text "PAYROLL MANAGEMENT SYSTEM FILE MAINTENANCE". On the left side, there is a vertical menu with five buttons: "Attendance", "Gross Salary", "Deductions", "Adhoc Pay", and "Net Salary". The "Deductions" button is currently selected. The main content area displays a "Deduction Form" with the following fields and values:

| Field                       | Value |
|-----------------------------|-------|
| Employee ID:                | 5     |
| Employee Name:              | Jemm  |
| Attendance Deduction:       | 5     |
| Government Deduction:       | 700   |
| Employee Cash Advancements: | 700   |

A "Submit" button is located at the bottom right of the form.

➤ **frmAdhocPay**

frmAdhocPay



PAYROLL MANAGEMENT SYSTEM FILE MAINTENANCE

Attendance

Gross Salary

Deductions

Adhoc Pay

Net Salary

### Adhoc Pay Form

Employee ID:

Employee Name:


Amount:

Reason:

Submit

➤ frmNetSalary

frmNetSalary

 PAYROLL MANAGEMENT SYSTEM FILE MAINTENANCE


Attendance

Gross Salary

Deductions

Adhoc Pay

Net Salary




**Net Salary Form**

ID: 5

Net Salary: 3200

➤ **frmDashboard**

frmDashboard

PAYROLL MANAGEMENT SYSTEM TRANSACTION

Dashboard

Dashboard

Real-time Data


Payslip Report

Employees

|   | Employee_ID | Employee_Name | Hours_Worked | Absences | Lates |
|---|-------------|---------------|--------------|----------|-------|
| ▶ | 1           | Adrian        | 70           |          |       |
|   | 2           | Mark          |              |          |       |
|   | 3           | Kyla          | 0            | 0        | 0     |
|   | 4           | Jem           |              | 0        | 0     |
|   | 5           | Jemm          | 0            | 1        | 2     |
|   | 6           | Adrian        | 0            | 0        | 1     |
| * |             |               |              |          |       |

➤ **frmRealTimeData**

frmRealTimeData

PAYROLL MANAGEMENT SYSTEM TRANSACTION

Real Time Data

Dashboard

Real-time Data


Payslip Report

Employee Status

|   | Employee_ID | Employee_Name | Status  |
|---|-------------|---------------|---------|
| ▶ | 1           | Adrian        | Offline |
|   | 2           | Mark          | Offline |
|   | 3           | Kyla          | Offline |
|   | 4           | Jem           |         |
|   | 5           | Jemm          | Offline |
|   | 6           | Adrian        | Online  |
| * |             |               |         |

➤ **frmPayslipReports**

frmPayslipReports

 **PAYROLL MANAGEMENT SYSTEM FILE MAINTENANCE**

Dashboard

Real-time Data

Payslip Report

**Payslip Report**

|   | EmployeeName | Position     | Department      | GrossSalary | GovernmentDed |
|---|--------------|--------------|-----------------|-------------|---------------|
| ▶ | Adrian       | Accountant   | Human Resources | 54250       | 3000          |
|   | Mark         | HR Personnel | Finance         |             |               |
|   | Kyla         | HR Personnel | Marketing       | 0           | 0             |
|   | Jem          | Executive    | IT              | 0           | 0             |
|   | Jemm         | Executive    | IT              | 0           | 700           |
|   | Adrian       | HR Personnel | Production      | 0           | 400           |
| * |              |              |                 |             |               |
|   |              |              |                 |             |               |

