**COMP1004 – Rapid Application Development Assignment 1: Sharp Mail Order – SALES BONUS External Documentation**



By: Kevin Kan

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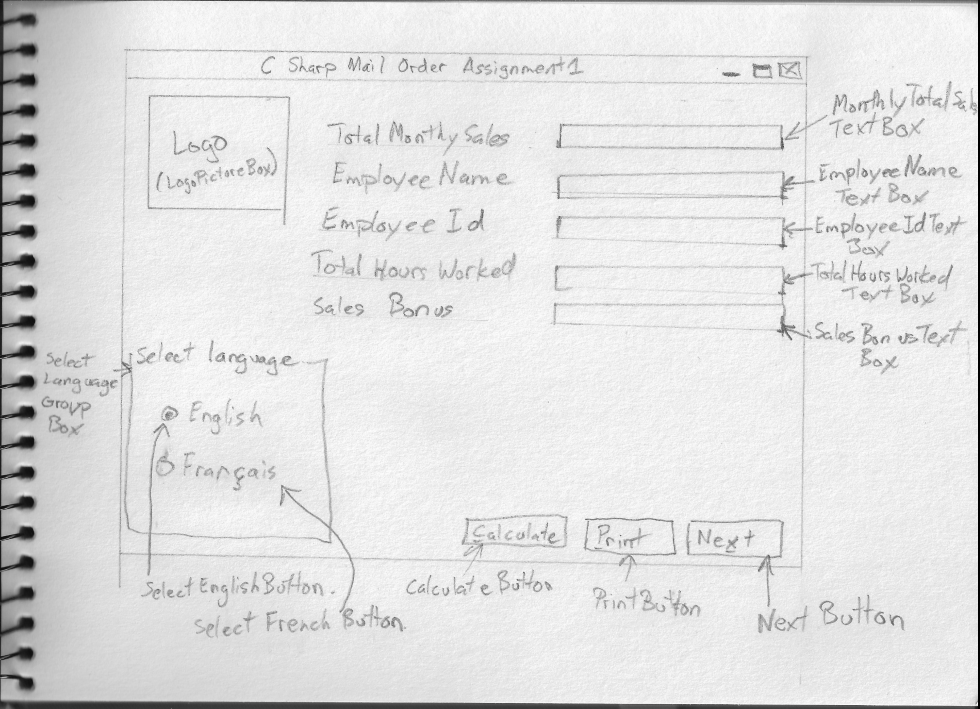
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# Application Description:

The application calculates the bonus given to an employee during a work bonus period. This each employee can only work up to 160 hours and are rewarded the percentage they could have worked (time worked divided by 160 hours) multiplied by 2% of the total sales. The application will alert the user for improper data inputs on the Monthly Total Sales and Total hours worked values.

# Wire Frame:

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|  |  |  |
| --- | --- | --- |
| **Object** | **Property** | **Setting** |
| Assignmnet1Form | StartPosition | CenterScreen |
|  | Text | C Sharp Mail Order Assignment1 |
| SelectLanguageGroupBox | Text | Select Language |
| SelectEnglishButton | Text | English |
|  | Checked | True |
| SelectFrancaisButton | Text | Francais |
| MonthlyTotalSalesLabel | Text | Total Monthly Sales |
| EmployeeNameLabel | Text | Employee Name |
| EmployeeIdLabel | Text | Employee Id |
| TotalHoursWorkedLabel | Text | Total Hours Worked |
| SalesBonusLabel | Text | Sales Bonus |
| SalesBonusTextBox | BorderStyle | None |
|  | Cursor | Default |
|  | ReadOnly | True |
| CalculateButton | Text | &Calculate |
| PrintButton | Text | &Print |
| NextButton | Text | Ne&xt |

# Code Planning:

*TotalMonthlySalesTextBox\_Leave:*

When leave check if data type is valid. If not valid display error warning message that this textbox has invalid data and clear data. Else format the data to currency display.

*TotalHoursWorkedTextBox\_Leave:*

When leave check if data type is valid. If not valid display error warning message that this textbox has invalid data and clear data.

*CalculateButton\_Click:*

On click check if the total hours worked and monthly sales is correct data type. If it is then,{ perform the calculation of monthly sales times 2% multiplied hours worked divided by 160. Now display the results in the SalesBonusTextBox }

Otherwise set ErrorLable.Text = some appropriate error message

*PrintButton\_Click:*

Display print preview.

*NextButton\_Click:*

Set EmployeeNameTextBox.Text, EmployeeIdTextBox.Text, TotalHoursWorkedTextBox.Text and SalesBonusTextBox.Text equal to””

*SelectEnglishButton:*

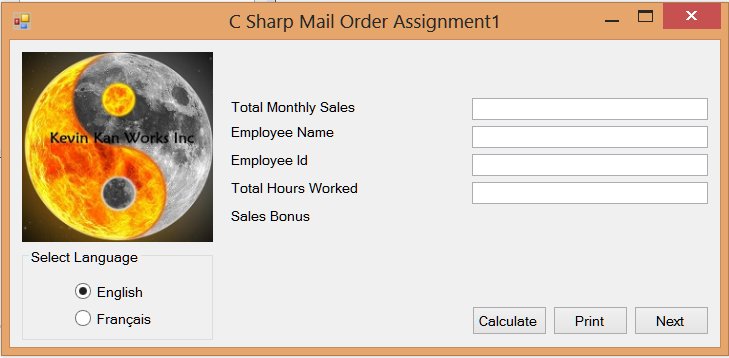
Change all labels and buttons text to English.

*SelectFrancaisButton:*

Change all labels and buttons text to French.

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# Multi-Media:

Screen Shot:

Logo: Yin Yang Symbol.jpg