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SDEV-360-81

Week-15: Assignment

FINAL PROJECT DOCUMENTATION

PAYROLL PROGRAM

Language: C#

Calculates the pay of every employee based on rate, work hours and deductions.

Development Specification:

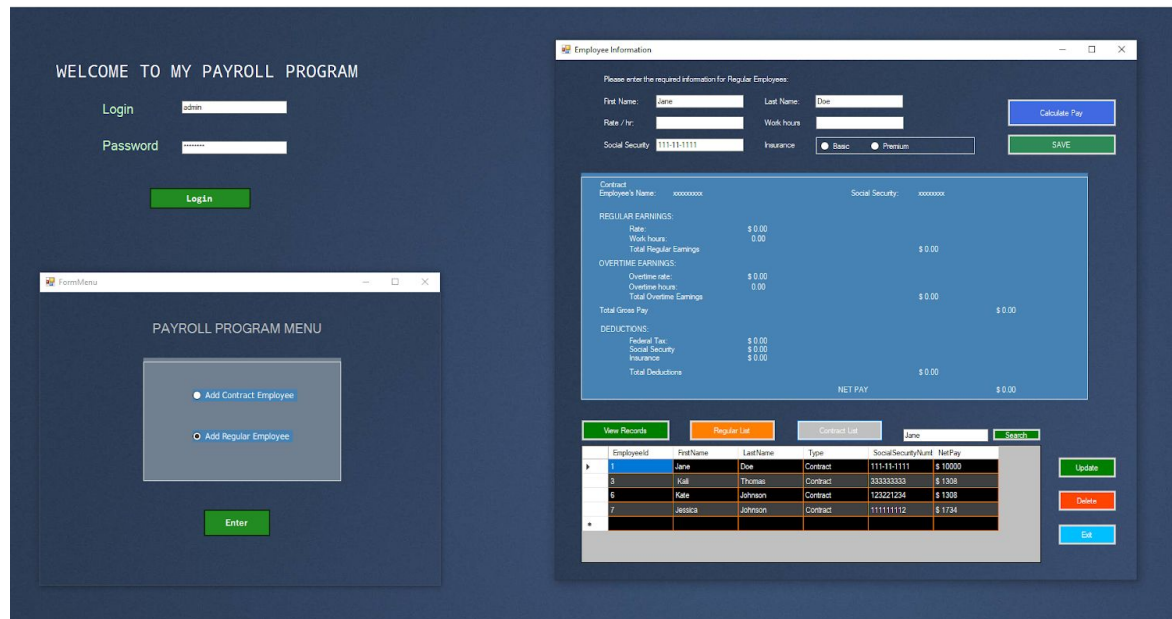
Behavior (admin)	Input	Output
The program will ask for login information then admin can add employees personal and work information. This will include employee's name, salary, deductions (Tax, Social Security), work hours and pay mode information.	Jane Doe, Social Security: 11111111, Salary: \$30/hr, Work Hours: 80 hours	Name: Jane Doe, Social Security: XXXXXX, Work Hours: 80 hours, SocialSecurity: \$125, Tax:\$900, Net income: \$3000

Changes as of Week 15:

- Addition of Linq to SQL Database named DataClasses1.dbml
- Additional button for viewing regular lists of employee
- Additional button for viewing contract lists of employee
- Use of Linq techniques under the regular list button
- Use of Linq techniques under the contract list button
- Password textbox only displays * when entering password

- Insert a background image
- Rename class Employee.cs to Employeee.cs to solve minor error output.

Screenshots



Future plan and development:

No.	Plan	Target Date
1	Complete the functionality of the Application	Week 7 - Done
2	Continuous improvement in adding error handling on inputs	on-going
3	Output the saved list of employees to a file/database	Week 7 - Done
4	Add CRUD Functionality	Week 9 - Done
5	Make First name and last name to be searchable.	Week 10 -Done
6	Rename all the textbox and label	Done
7	Demonstration of Linq Techniques	Week 14 - 15 - Done
8	Set password input to '*'	Week 15 - Done
9	Add another table to record pay for each employee	future plan

Bugs/Notes:

- Rename the Employee.cs to Employeee.cs and its classes because of ambiguity error after creating a Linq to SQL class.
- Social Security format to the database needs improvement.