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900 words

Payroll Design Document

by Steve Palmer

Contents

This is a design specification for a Payroll Application. It should be implemented with PHP and MYSQL as a class project.

Chapter 1

Teams

Database Team

Mitch (Team Leader and other team interface)

Corey

- **Create the Database**
- **Create a database class using PHP**
- **Create all access and validation methods**
- **Train the other teams on how to call your methods**

PHP Team

Adam (Team Leader and other team interface)

AJ

Brian

- **Create the layouts for all web pages**
- **Create the code to integrate security and database access from the other teams**

Security Team

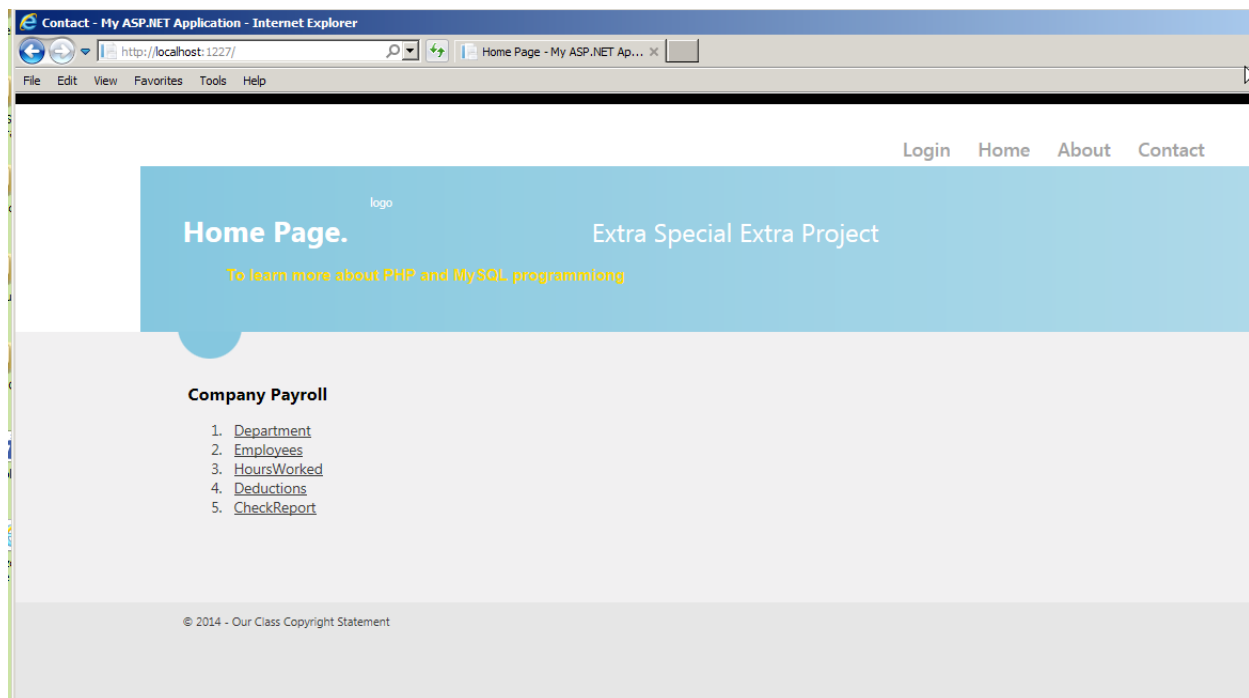
Patrick (Team Leader and other team interface)

Man

- **Create a security class in PHP**
- **Limit each webpage access to only the allowed users**
- **Validate logins**
- **Train the other teams on how to call your methods**

Chapter 2

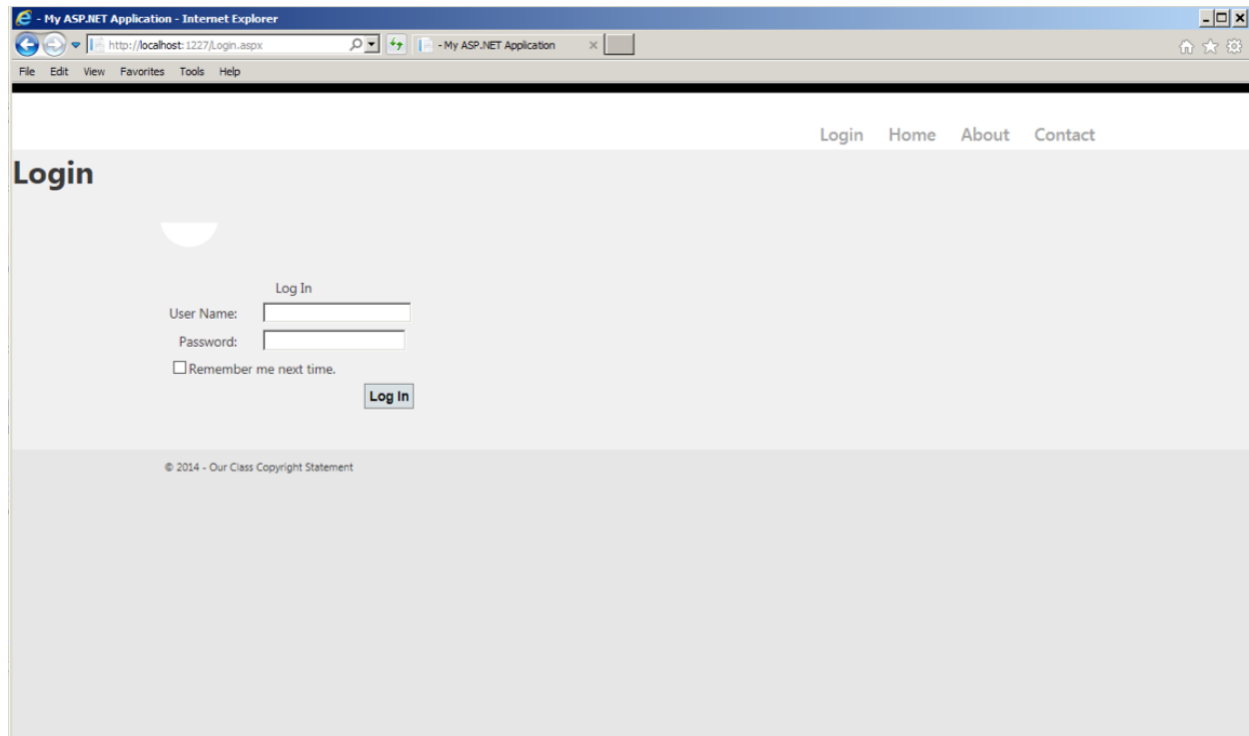
Pages Needed



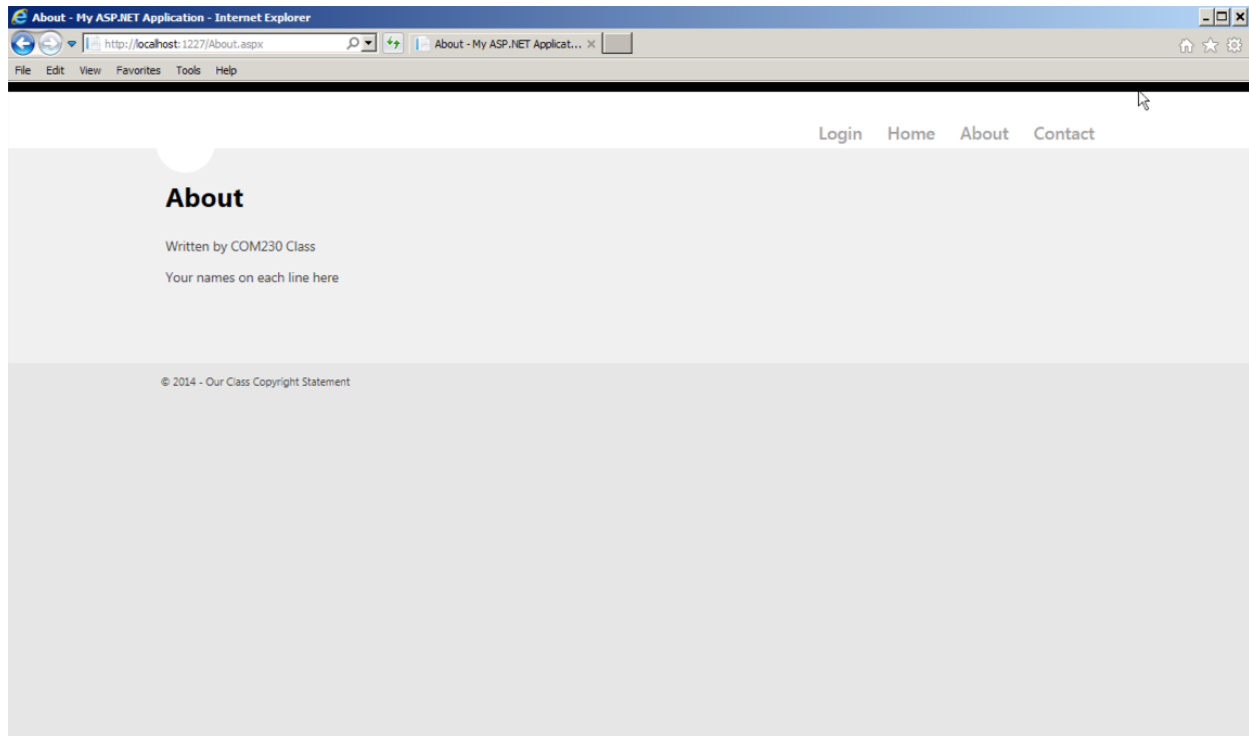
Requirements:

- This should be the main page after log in.
- In the middle of the page, #1 thru 5 is a link to the respective page

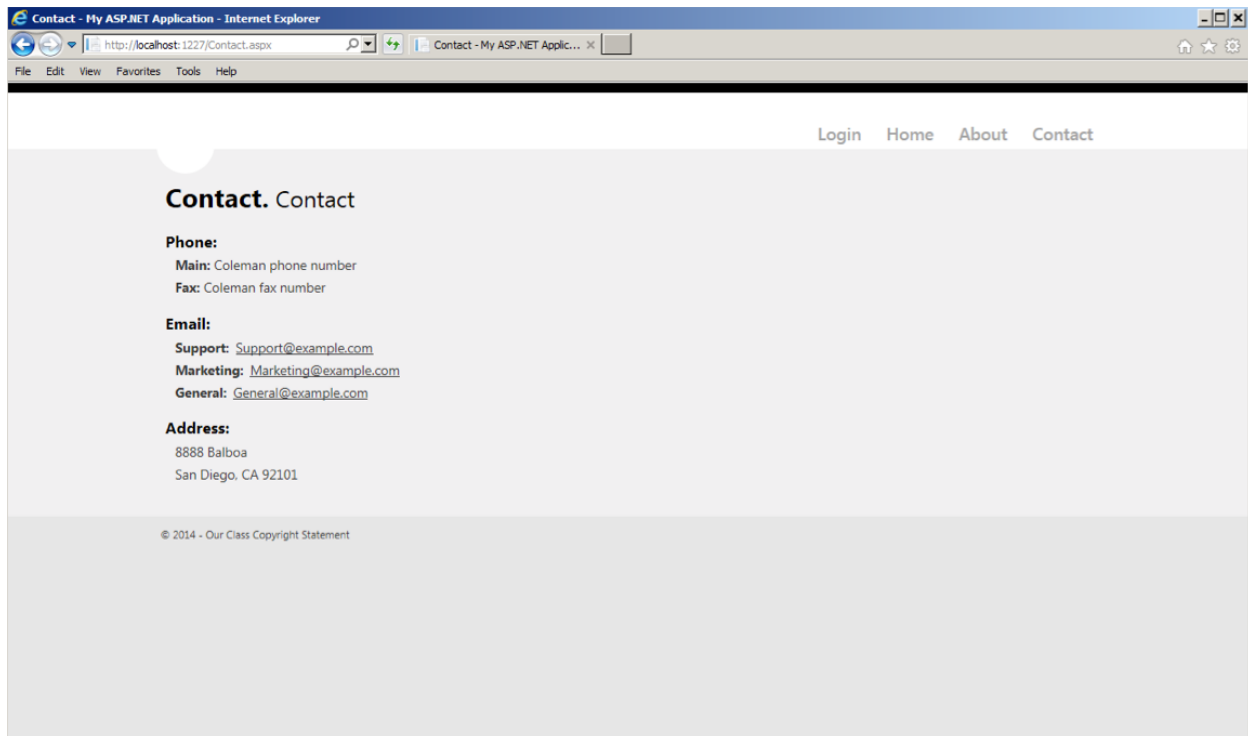
- Every page should show the menu at the top consisting of LOGIN, HOME, ABOUT, and CONTACT. You might consider making a Master format page that can be included on each page that congaing the header and footers as well as section formatting.

**Requirements:**

- This should be the first page that a user sees
- Enforce login before any other page can be accessed
- Only Human Resource people and Administrators should be able to login. You will need a login user table here.
- Every page should show the menu at the top consisting of LOGIN, HOME, ABOUT, and CONTACT. You might consider making a Master format page that can be included on each page that congaing the header and footers as well as section formatting.

**Requirements:**

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My ASP.NET Application - Internet Explorer

http://localhost:1227/Department.aspx

File Edit View Favorites Tools Help

Login Home About Contact

Department

Field	Value
Department Name	<input type="text"/> <input type="button" value="New"/>
Location (Building Number)	<input type="text"/>
Manager	<input type="text"/>

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Requirements:

- Every page should show the menu at the top consisting of LOGIN, HOME, ABOUT, and CONTACT. You might consider making a Master format page that can be included on each page that congaing the header and footers as well as section formatting.
- There should not be any duplicates of Department Name and Manager Name. Duplicate Department Names are OK.
- The Manager should not be blank.

My ASP.NET Application - Internet Explorer

http://localhost:1227/employees.aspx

File Edit View Favorites Tools Help

Login Home About Contact

Employees

Field	Value
Employee Name	<input type="text"/> <input type="button" value="New"/>
Location (Building Number)	<input type="text"/>
Phone Number	<input type="text"/>
Hourly Rate	<input type="text"/>

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Requirements:

- Every page should show the menu at the top consisting of LOGIN, HOME, ABOUT, and CONTACT. You might consider making a Master format page that can be included on each page that congaing the header and footers as well as section formatting.
- Only Administrators can make changes here
- There should not be any duplicates. You must test for this and prevent entry.
- Employee Name should not be empty

My ASP.NET Application - Internet Explorer

http://localhost:1227/HoursWorked.aspx

File Edit View Favorites Tools Help

Login Home About Contact

Hours Worked

Field	Value
Employee Name	<input type="text"/>
Date	<input type="text"/>
Number of hours	<input type="text"/>

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Requirements:

- Every page should show the menu at the top consisting of LOGIN, HOME, ABOUT, and CONTACT. You might consider making a Master format page that can be included on each page that congaing the header and footers as well as section formatting.
- There should not be any duplicates. Employee name can not be empty. You must test for this and prevent entry.
- Dates should only be this year. Number of hours must be between 1 and 60.
- The Employee must exist in order to add hours here.

My ASP.NET Application - Internet Explorer

http://localhost:1227/Deductions.aspx

File Edit View Favorites Tools Help

Login Home About Contact

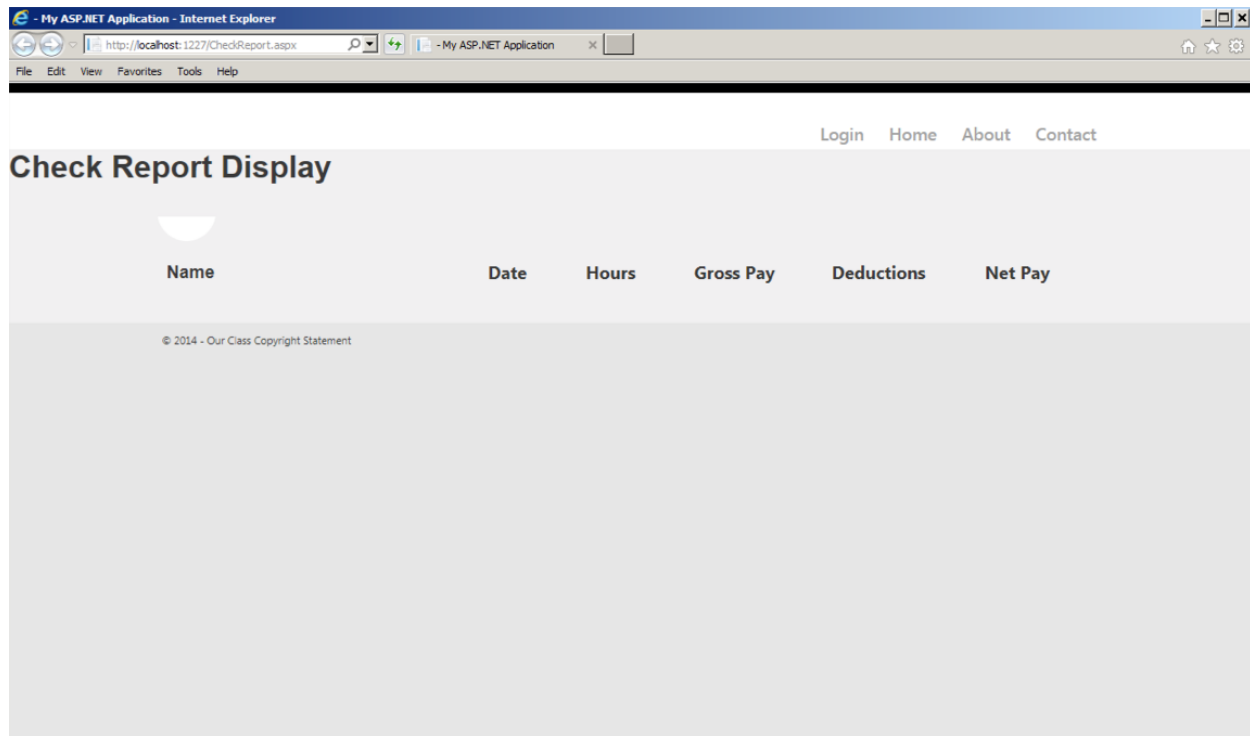
Deductions

Field	Value
Employee Name	<input type="text"/> <input type="button" value="New"/>
Deduction Description	<input type="text"/>
Amount of Deduction	<input type="text"/>

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Requirements:

- Every page should show the menu at the top consisting of LOGIN, HOME, ABOUT, and CONTACT. You might consider making a Master format page that can be included on each page that congaing the header and footers as well as section formatting.
- There should not be any duplicates. You must test for this and prevent entry.
- The Employee must exist in order to add deductions here.
- Employee name cannot be empty
- The Amount field must be between 1 and 100

**Requirements:**

- Every page should show the menu at the top consisting of LOGIN, HOME, ABOUT, and CONTACT. You might consider making a Master format page that can be included on each page that congaing the header and footers as well as section formatting.
- This is a display that only system Administrators can access.
- Gross Pay minus all of the Deductions for an Employee equals Net Pay
- Display 1 line per Employee per pay date on this report

Chapter 3

The Process

This project will be implemented as an AGILE process. That means that at the beginning of each day, each team member will be given up to 5-minutes to describe the following:

1. Their progress on the project
2. Any issues that they may have with the project.

I will act as the project manager. Team leaders will be responsible for tasking the members of their team. They will be responsible for task completions.

Here is the schedule for upcoming events in this class:

1. 2/19
2. 2/20
3. 2/24

4. 2/26
5. 3/3
6. 3/5 -- Terminology due
7. 3/6
8. 3/10
9. 3/12 -- Final