



Project of Software Engineering

School of Computer Science, Shandong University of Technology

Employee management system:

Soft Tech

Presented to

Dr. Zhu Ming

Prepared by

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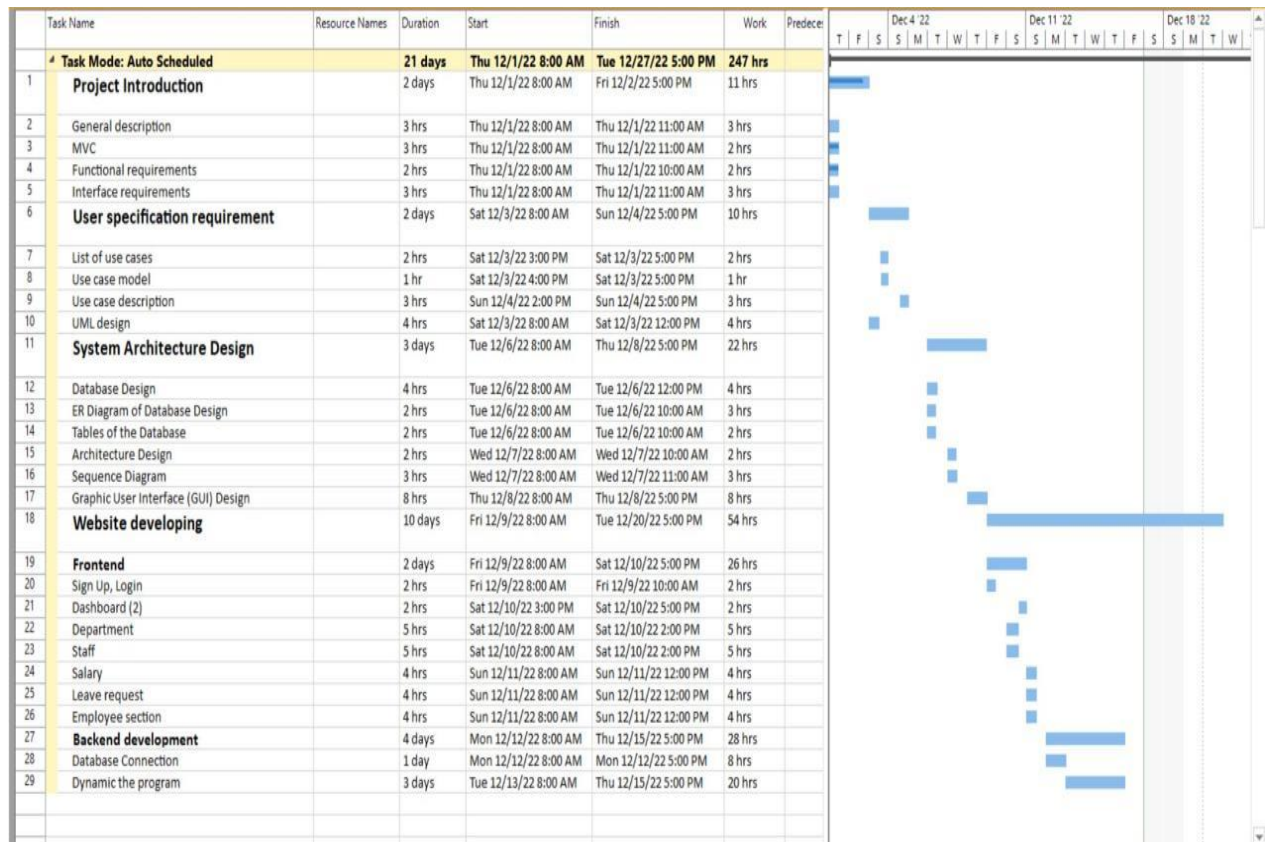
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22th December, 2022

Project Plan



Software Requirements Specification (SRS) Document

Introduction

1.1 Introduction

The purpose of this document is to define and describe the requirements of the Employee management system project and to spell out the system's functionality and its constraints. In our project, we followed the MVC pattern.

- ◆ This web application called “Soft Tech” allows users to create, store, and manage employee records.
- ◆ Additionally, the application features a payroll system and a leave application.
- ◆ It is a management method that aids in the management of both people and the many tasks and projects undertaken by the company.
- ◆ This management systems can handle and store employee information, including personal data, as well as information about various departments and organizational branches.

In this project we followed waterfall model:

Waterfall Model

1. User Requirement:
2. Software Requirement:
3. Architecture Design:
4. Detailed Design & Coding:
5. Testing:
6. Delivery:

1.2 Scope of this Document

The admin and the employee for the system are the user of the Soft Tech website, developed by our Team. Our constraints for this section includes our deadline for the document which is due 22-12-2022.

This web application contains two account access:

- ◆ Admin
- ◆ Employee

All three accounts contain different privileges and authentication

Admin: Here Admin is the owner of this Application (Company).He can manage the employee, their department, their performance statistics (attendance, leave request, query information and other functions)

Employee: Here employee can see their monthly task, payment Information, attendance, and they can contact with the leader.

1.3 Overview

The data is an Access Database with import/export capabilities from mysql database that will hold information on admin, employee, their details information, their department, their salary, their leave request, including their information management section for admin.

General description

2.1 website Functions

The website should make input of data and the entire checkout process easier and streamlined for the users (employees) and time efficient for the owner of a company.

2.2 Similar System Information

The website is being developed with Access, so there are a large number of similar databases or systems and they are used for a wide array of different purposes.

Technology we used(for frontend and backend) :

- ◆ Html
- ◆ CSS
- ◆ PHP
- ◆ MySQL

2.3 User Characteristics

The users include the employees of the Soft Tech as they input data. For this system, the user is required to know the website address.

2.6 General Constraints

Constraints include an easy to use interface for the program through forms, a Windows platform or, at bare minimum, a Mac with Access and Excel for Mac installed. For better view chrome browser is recommended.

Functional requirements

1. **Items provided to the Soft Tech shall be stored in the MySQL Database.**
 1. Items shall be stored on mysql database and have complete fields.
 2. Very high criticality
 3. Limited network / wi-fi availability could present a technical challenge
 4. The above stated factor is a risk we have encountered. Eliminate it by reducing the dependency of our program on these things.
 5. This requirement is the basis of the project; all other aspects depend on it.
2. **The items shall be accessible via queries and reports.**
 1. Users of the database should be able to run reports on the data that has been put into the database. They should also be able to run queries.
 2. Very high criticality
 3. We do not foresee any technical issues preventing the implementation of this.
 4. Given the capabilities of Access, this requirement is able to be satisfied.
 5. This requirement depends on requirement number one.
3. **The data stored should be able to be manipulated through forms.**
 1. Items and other data should be able to be added and updated through the use of forms.
 2. Very high criticality
 3. We do not foresee any technical risks involved in this requirement.
 4. The only factor we can encounter here is the user of the system not being able to use it correctly. We will overcome this by training those who will be using it.
 5. This requirement is dependent on requirement one.

Item Description

ID AUC01

Name: AdminLogin

Actor(s): Admin

Trigger The user wants to use the login functionality/

Preconditions The admin open the website

Post-conditions The admin successfully login

Main Scenario 1. Admin enters an email address

2. The website shows the email entered by the admin

3. Admin enters a password

4. The website show the password entered previously with the email address

5. The admin press login button

6. The admin successfully login to the website

Alternative

Scenario 1. a. the admin enters a wrong email

b. the admin deletes the wrong email

c. the website shows warning message that the email is incorrect

d. the scenario continue with the main scenario at step 1.

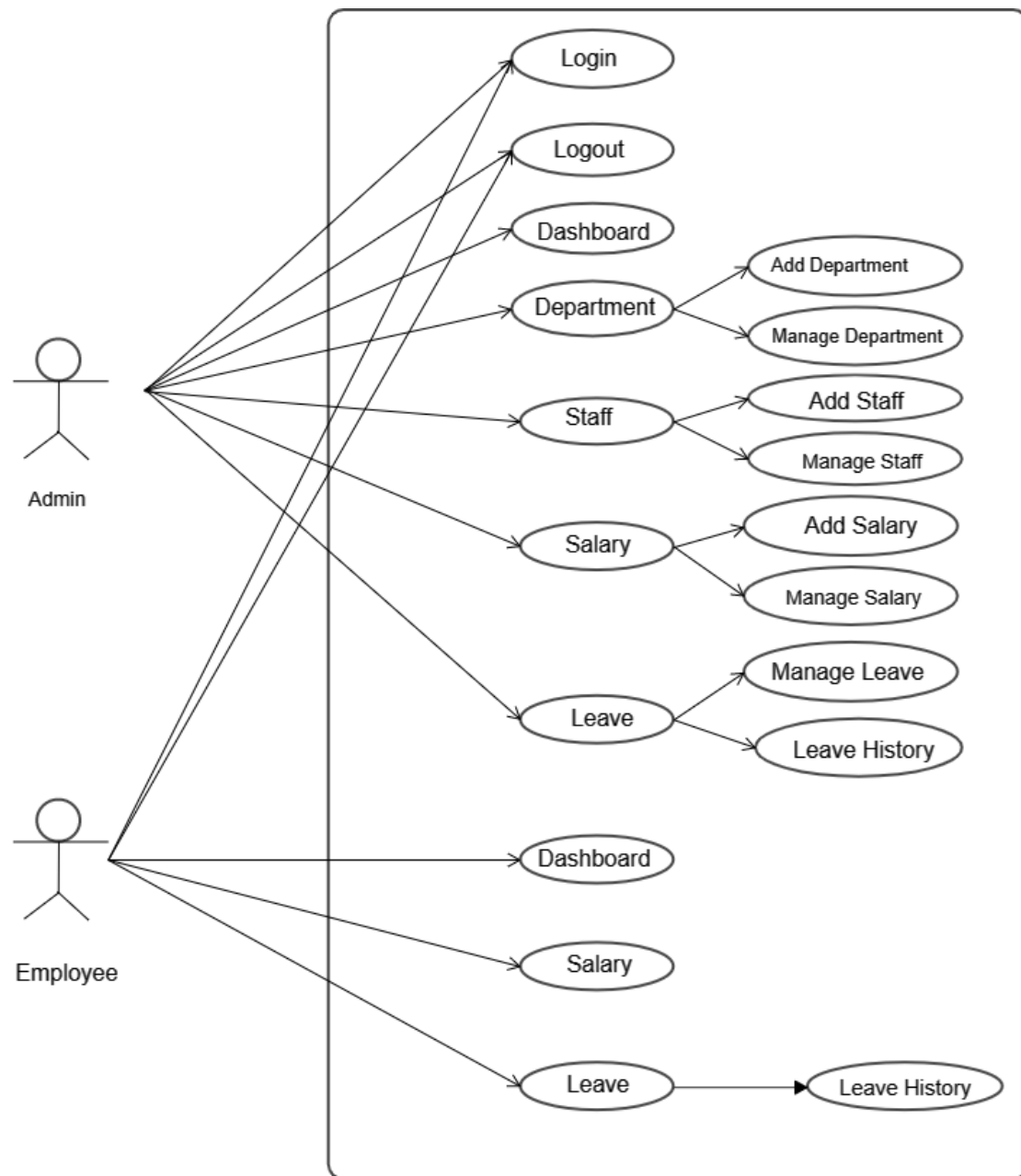
1.1. List of Use Cases

Table 1-1 List of Use Cases

Actor	Use Case ID and Name	Use Case Description
Admin	AUC01**AdminLogin	The admin can get logged in
	AUC02**AdminLogout	The admin can get logged out
	AUC03**Dashboard	Admin can access the dashboard
	AUC04**Department	Admin can access the department section
	AUC05**AddDepartment	Admin can add any employee department
	AUC06**ManageDepartment	Admin can manage(edit & delete) any employee department
	AUC07**Staff	Admin can access the employee section
	AUC08**AddStaff	Admin can add any employee
	AUC09**ManageStaff	Admin can manage(edit & delete) any employee
	AUC10**Salary	Admin can pay through the salary section

	AUC10**AddSalary	Admin can set the amount for salary
	AUC11**ManageSalary	Admin can update the amount of salary
	AUC12**Leave	Admin can manage the leave request
	AUC12**ManageStaffsLeave	Admin can approve or reject the leave request
	AUC13**LeaveHistory	Admin can review employees leave details
Employee	EUC01**EmployeeLogin	Employee can get logged in
	EUC02**EmployeeLogout	Employee can get logged out
	EUC03**Dashboard	Employee can access in dashboard
	EUC04**Salary	Employee can view and take receipt of salary
	EUC05**Leave	Employee can apply for leave
	EUC06**LeaveHistory	Employee can review leave history

1.2. Use Case Model



1.3 Description of Use Cases

1.3.1. AUC01 AdminLogin

Item	Description
<u>ID</u>	AUC01

<u>Name</u>	AdminLogin
<u>Actor(s)</u>	Admin
<u>Trigger</u>	The admin wants to use the login functionality
<u>Preconditions</u>	Open the website
<u>Postconditions</u>	The admin successfully logged into the website
<u>Main Scenario</u>	<ol style="list-style-type: none"> 1. The admin enters a email 2. The website shows the email entered by the admin 3. User enter a password 4. The website show the password entered by the admin 5. The admin press the login button 6. The website verify the login details and successful login function
<u>Alternative Scenario</u>	<ol style="list-style-type: none"> a) The admin enters a wrong email b) The admin enters a wrong password c) The website shows “forgot password?” option if admin forget the password d) The website shows “create account” option if the admin don’t have an account in the website
<u>Other Requirements</u>	

AUC02 AdminLogout

Item	Description
<u>ID</u>	AUC02
<u>Name</u>	AdminLogout
<u>Actor(s)</u>	Admin
<u>Trigger</u>	The admin wants to use the logout functionality
<u>Preconditions</u>	Open the website

<u>Postconditions</u>	The admin successfully log out from the website
<u>Main Scenario</u>	<ol style="list-style-type: none"> 1. The admin press logout button 2. The website successfully logout from the website
<u>Alternative Scenario</u>	
<u>Other Requirements</u>	

AUC03 Dashboard

Item	Description
<u>ID</u>	AUC03
<u>Name</u>	Dashboard
<u>Actor(s)</u>	Admin
<u>Trigger</u>	The admin wants to use the dashboard functionality
<u>Preconditions</u>	The admin log into the website
<u>Postconditions</u>	The admin successfully use the dashboard functionality
<u>Main Scenario</u>	<ol style="list-style-type: none"> 1. The admin log into the website 2. Admin can access into employee details 2. Admin can manage and review company information
<u>Alternative Scenario</u>	<ol style="list-style-type: none"> 1. The admin move other pages

<u>Other Requirements</u>	
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AUC04 Department

Item	Description
<u>ID</u>	AUC04
<u>Name</u>	Department
<u>Actor(s)</u>	Admin
<u>Trigger</u>	The admin wants to use the department functionality
<u>Preconditions</u>	The admin open the dashboard
<u>Postconditions</u>	The admin successfully use the department functionality
<u>Main Scenario</u>	<ol style="list-style-type: none"> 1. The admin press the department option 2. Admin can preview the previous department history 3. Admin can create a new department 4. Admin can delete an existing department 5. Admin can modify the department information
<u>Alternative Scenario</u>	<ol style="list-style-type: none"> 1. Admin can go back to the previous page
<u>Other Requirements</u>	

AUC05 Staff

Item	Description
<u>ID</u>	AUC05
<u>Name</u>	Staff

<u>Actor(s)</u>	Admin
<u>Trigger</u>	The admin wants to use the Staff functionality
<u>Preconditions</u>	The admin open the staff section
<u>Postconditions</u>	The admin successfully use the staff functionality
<u>Main Scenario</u>	<ol style="list-style-type: none"> 1. The admin press the staff option 2. Admin can preview the previous staff history 3. Admin can assign a new staff 4. Admin can delete an existing staff information 5. Admin can modify the staff information
<u>Alternative Scenario</u>	<ol style="list-style-type: none"> 1. Admin can go back to the previous page 2. Admin can move to other sections from the menu bar
<u>Other Requirements</u>	

AUC06 Salary

Item	Description
<u>ID</u>	AUC06
<u>Name</u>	Salary
<u>Actor(s)</u>	Admin
<u>Trigger</u>	The admin wants to use the Salary functionality
<u>Preconditions</u>	The admin open the Salary section
<u>Postconditions</u>	The admin successfully use the salary functionality
<u>Main Scenario</u>	<ol style="list-style-type: none"> 1. The admin press the Salary option 2. Admin can preview the previous Salary history 3. Admin can assign salary for employee 4. Admin can upload a receipt for the salary

<u>Alternative Scenario</u>	3. Admin can go back to the previous page 4. Admin can move to other sections from the menu bar
<u>Other Requirements</u>	

AUC07 Leave

Item	Description
<u>ID</u>	AUC07
<u>Name</u>	Leave
<u>Actor(s)</u>	Admin
<u>Trigger</u>	The admin wants to use the leave functionality
<u>Preconditions</u>	The admin open the leave section
<u>Postconditions</u>	The admin successfully use the leave functionality
<u>Main Scenario</u>	1. The admin press the leave option 2. Admin can preview the previous leave history 3. Admin can approve leave request for employee 4. Admin can delete leave request for employee
<u>Alternative Scenario</u>	5. Admin can go back to the previous page 6. Admin can move to other sections from the menu bar
<u>Other Requirements</u>	

EUC01 EmployeeLogin

Item	Description
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<u>ID</u>	EUC01
<u>Name</u>	EmployeeLogin
<u>Actor(s)</u>	Employee
<u>Trigger</u>	The employee wants to use the employeeLogin functionality
<u>Preconditions</u>	The employee open the login option
<u>Postconditions</u>	The employee successfully use the login functionality
<u>Main Scenario</u>	<ol style="list-style-type: none"> 1. The employee enters an email 2. The website shows the email entered by the employee 3. The employee enter a password 4. The website show the password entered by the employee 5. The employee press the login button 6. The website verify the login details and successful login function
<u>Alternative Scenario</u>	<ol style="list-style-type: none"> a) The employee enters a wrong email b) The employee enters a wrong password c) The website shows “forgot password?” option if employee forget the password d) The website shows “create account” option if the employee don’t have an account in the website
<u>Other Requirements</u>	

EUC02 EmployeeLogout

Item	Description
<u>ID</u>	EUC02
<u>Name</u>	EmployeeLogout
<u>Actor(s)</u>	Employee
<u>Trigger</u>	The employee wants to use the employeeLogout functionality

<u>Preconditions</u>	The employee open the log out option
<u>Postconditions</u>	The employee successfully use the logout functionality
<u>Main Scenario</u>	<ol style="list-style-type: none"> 1. The employee press logout button 2. The website successfully logout from the website
<u>Alternative Scenario</u>	
<u>Other Requirements</u>	

EUC03 Dashboard

Item	Description
<u>ID</u>	EUC03
<u>Name</u>	Dashboard
<u>Actor(s)</u>	Employee
<u>Trigger</u>	The employee wants to use the Dashboard functionality
<u>Preconditions</u>	The employee open the dashboard option
<u>Postconditions</u>	The employee successfully use the dashboard functionality
<u>Main Scenario</u>	<ol style="list-style-type: none"> 1. The employee log into the website 2. Employee can access into his details information 2. Employee can manage and review their information
<u>Alternative Scenario</u>	

<u>Other Requirements</u>	
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EUC04 Salary

Item	Description
<u>ID</u>	EUC04
<u>Name</u>	Salary
<u>Actor(s)</u>	Employee
<u>Trigger</u>	The employee wants to use the Salary functionality
<u>Preconditions</u>	The employee open the Salary option
<u>Postconditions</u>	The employee successfully use the Salary functionality
<u>Main Scenario</u>	1. The employee press salary option 2. Employee can view their salary information 2. Employee can get the receipt of the salary
<u>Alternative Scenario</u>	a) Employee can go back to the previous page b) Employee can move to other sections from the menu bar
<u>Other Requirements</u>	

EUC05 Leave

Item	Description
<u>ID</u>	EUC05
<u>Name</u>	Leave
<u>Actor(s)</u>	Employee

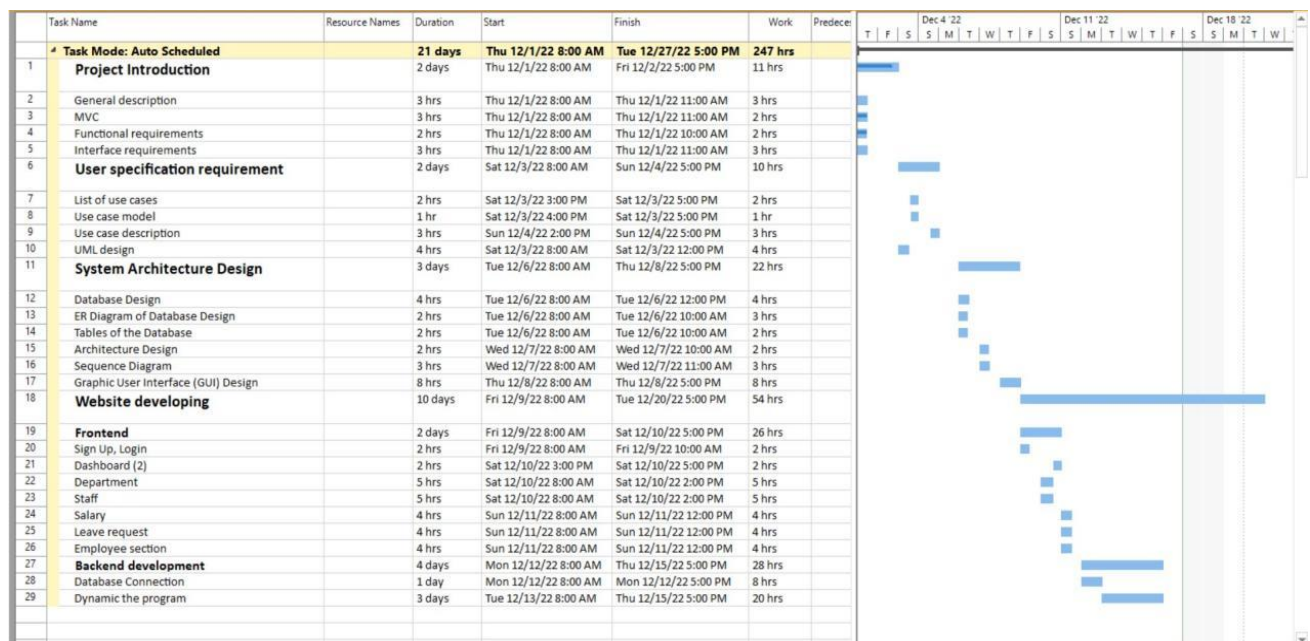
<u>Trigger</u>	The employee wants to use the leave functionality
<u>Preconditions</u>	The employee open the leave option
<u>Postconditions</u>	The employee successfully use the leave functionality
<u>Main Scenario</u>	<ol style="list-style-type: none"> 1. The employee press leave option 2. Employee can ask for leave approval
<u>Alternative Scenario</u>	<ol style="list-style-type: none"> c) Employee can go back to the previous page d) Employee can move to other sections from the menu bar
<u>Other Requirements</u>	

EUC06 Leave

Item	Description
<u>ID</u>	EUC06
<u>Name</u>	Leave
<u>Actor(s)</u>	Employee
<u>Trigger</u>	The employee wants to use the leave functionality
<u>Preconditions</u>	The employee open the leave option
<u>Postconditions</u>	The employee successfully use the leave functionality
<u>Main Scenario</u>	<ol style="list-style-type: none"> 1. The employee press leave option 2. Employee can ask for leave approval 3. Employee can watch their leave history

<u>Alternative Scenario</u>	e) Employee can go back to the previous page f) Employee can move to other sections from the menu bar
<u>Other Requirements</u>	

Scheduling: Grant chart



System Architecture Design

1. Introduction

1.1 System Introduction

The purpose of this document is to describe the detailed design of Employee management system. Its main contents include:

System function introduction:

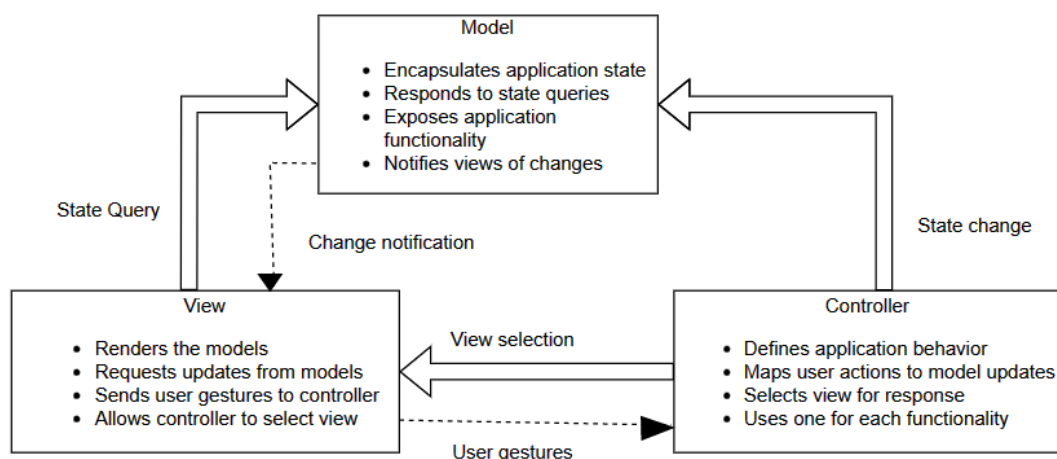
Implementing Methodology

Model View Controller or MVC as it is popularly called, is a software design pattern for developing web applications. A Model View Controller pattern is made up of the following three parts:

- Model - The lowest level of the pattern which is responsible for maintaining data.
- View - This is responsible for displaying all or a portion of the data to the user.
- Controller - Software Code that controls the interactions between the Model and View.

MVC is popular as it isolates the application logic from the user interface layer and supports separation of concerns. Here the Controller received all request for the application and then works with the Model to prepare any data needed by the View. The View then uses the data prepared by the Controller to generate a final presentable response. The MVC abstraction can be graphically represented as follows. In this project we followed MVC pattern.

Model View Controller Flow diagram



Brief description of detailed system design

In our system design we try to follow Sum_Up steps for good design:

- **Increments.** Start with any design, and improve it.
- **Information Hiding.** For each class, ask: what information does it hide? Should it hide more or less information?
- **Coupling.** Which classes are highly-coupled (i.e., have many dependencies with other classes)? Is the coupling necessary? How can it be reduced?
- **Cohesion.** Can each module be describe in one sentence? Does each class have a cohesive set of functions? Is every function needed? Are more functions needed?
- **Trade-offs.** Balance efficiency against abstraction, simplicity, and coupling --- assuming that in most situations, efficiency is less important than the other factors.

1.2 Readers of this document

The readership of this document includes:

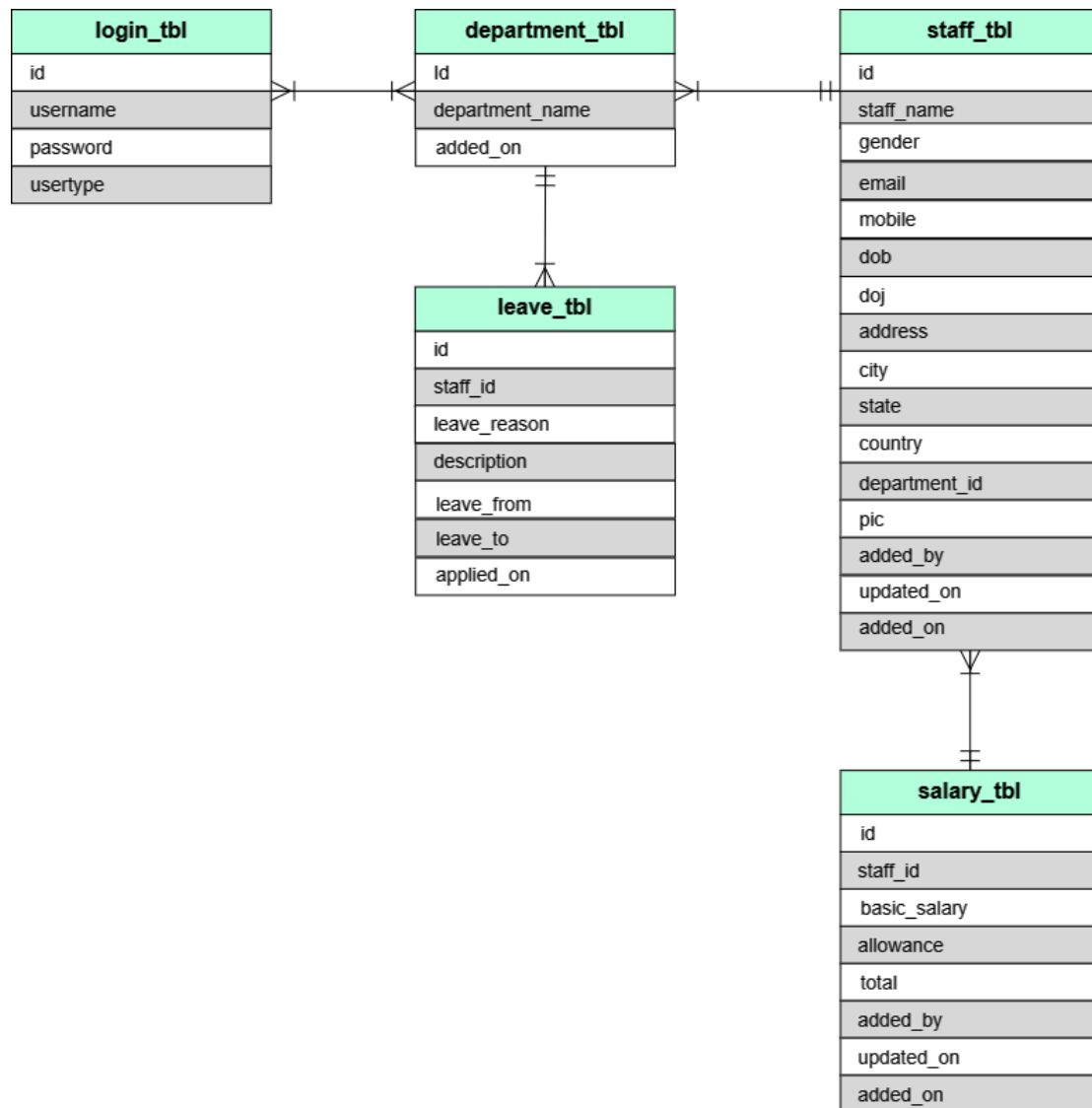
1. Admin
2. Employee

1.3 References

1. Dr. Zhu Ming, "Software Engineering Course", Shandong University of Technology.

2. Database Design

2.1. ER Diagram of Database Design



2.2 Tables of the Database

2.2.1 login_tbl

Field Name	Type of data	Length
id	int	11
username	varchar	80
password	varchar	80

usertype	int	11
----------	-----	----

2.2.2 department_tbl

Field Name	Type of data	Length
id	int	11
Department_name	varchar	100
Added_on	timestamp	

2.2.3 leave_tbl

Field Name	Type of data	Length
id	int	11
Staff_id	int	11
Leave_reason	varchar	90
description	text	
Leave_from	date	
Leave_to	date	
Applied_on	date	

2.2.4 staff_tbl

Field Name	Type of data	Length
id	int	11
Staff_name	varchar	150
gender	varchar	10
email	varchar	150
mobile	bigint	20
dob	date	
doj	date	
address	text	

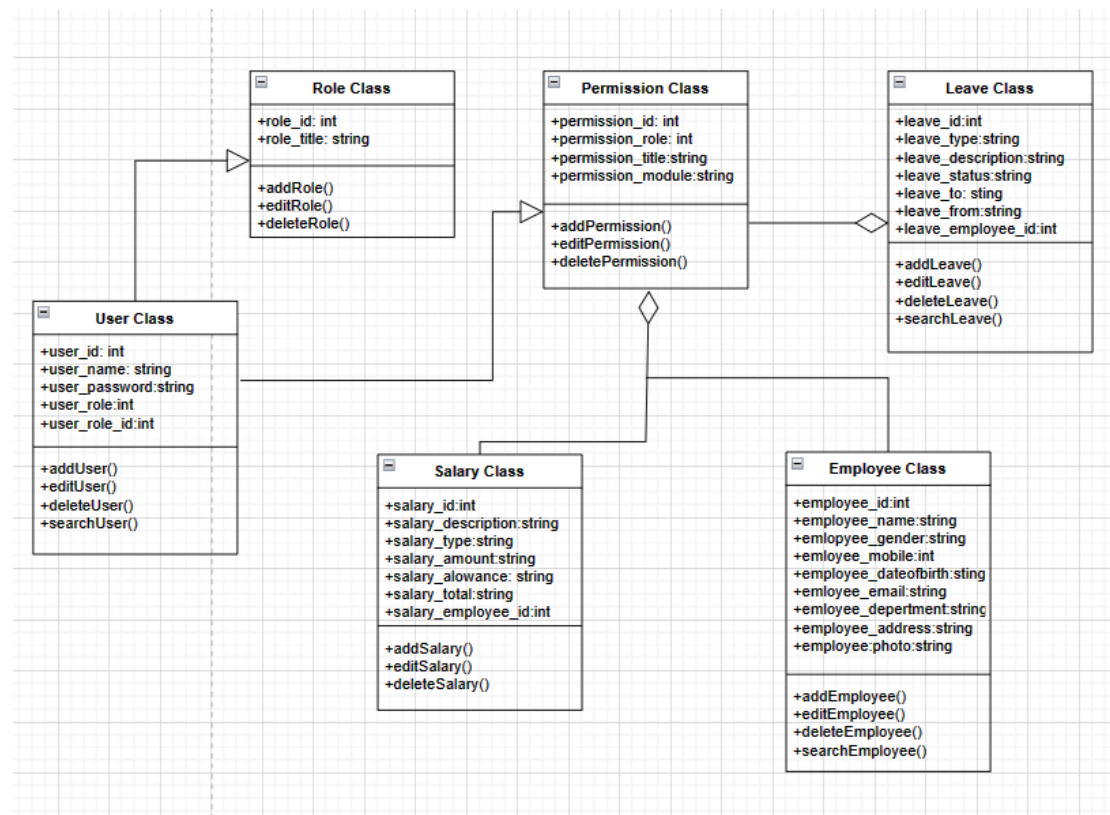
city	varchar	100
state	varchar	100
country	varchar	100
Department_id	int	11
pic	varchar	150
Added_by	int	11
Updated_on	date	
Added_on	timestamp	

2.2.5 salary_tbl

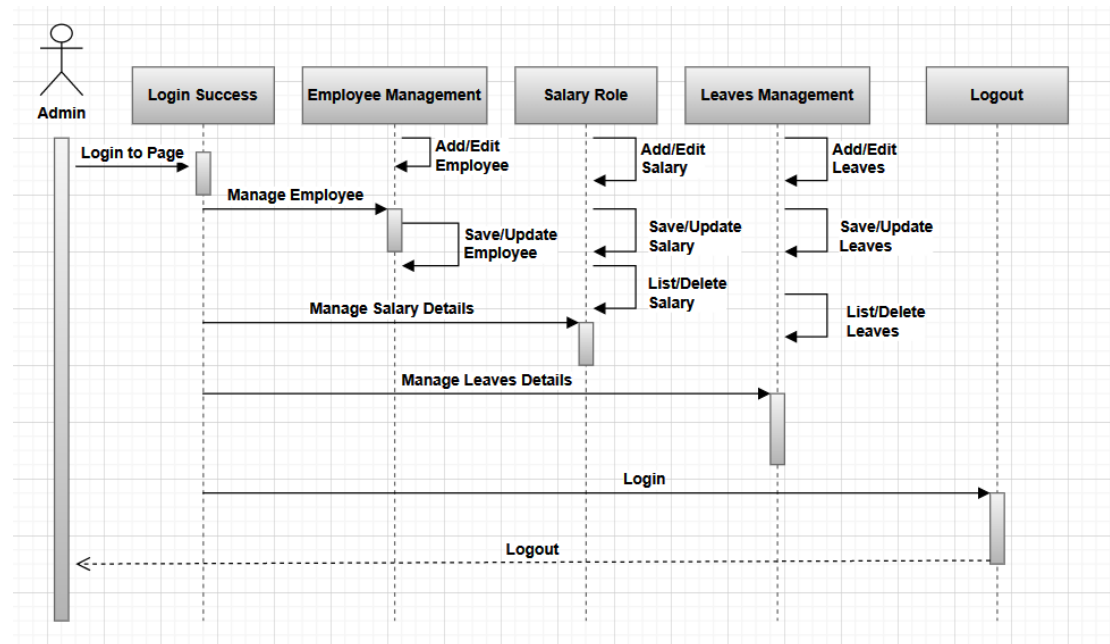
Field Name	Type of data	Length
id	int	11
Staff_id	int	11
Basic_salary	bigint	20
allowance	bigint	20
total	bigint	20
Added_by	int	11
Updated_on	date	
Added_on	timestamp	

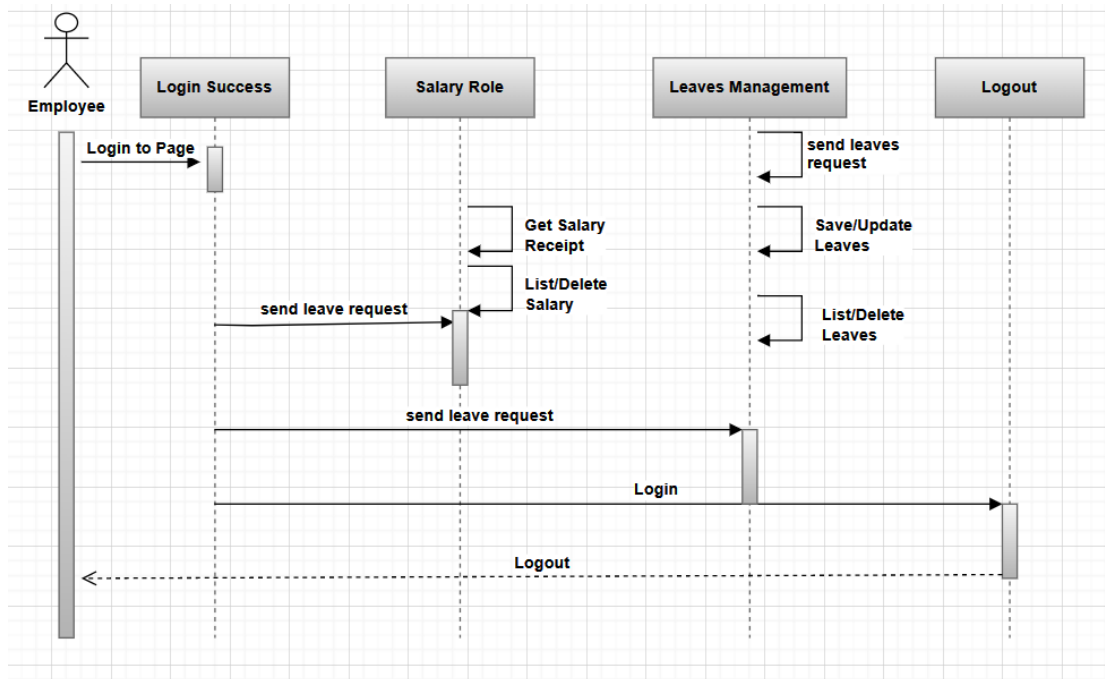
3. Architecture Design

3.1 Class diagram



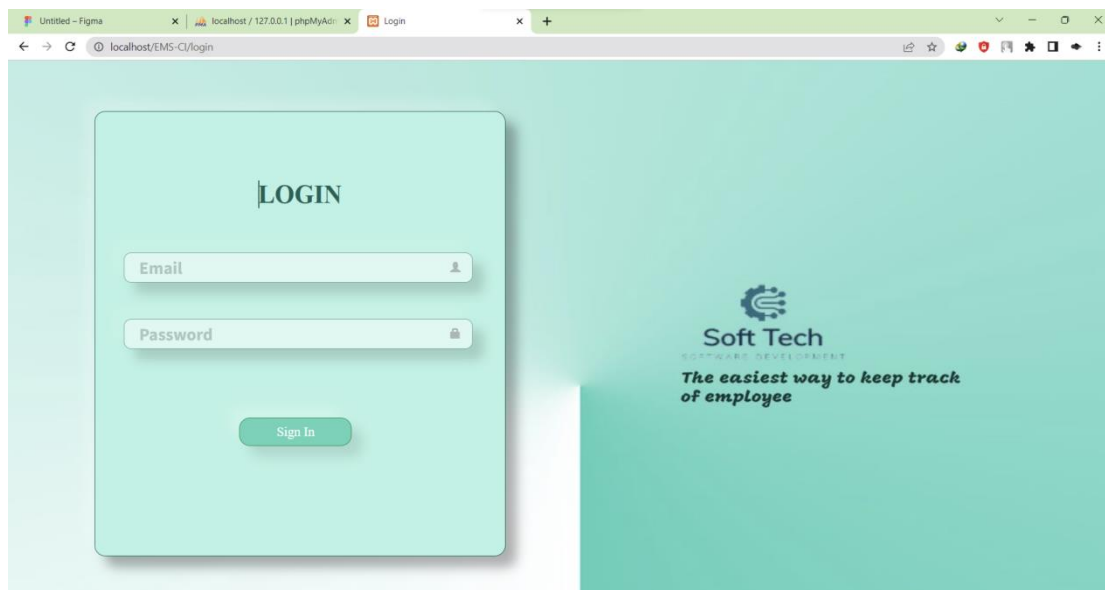
3.1.2 Sequence diagram



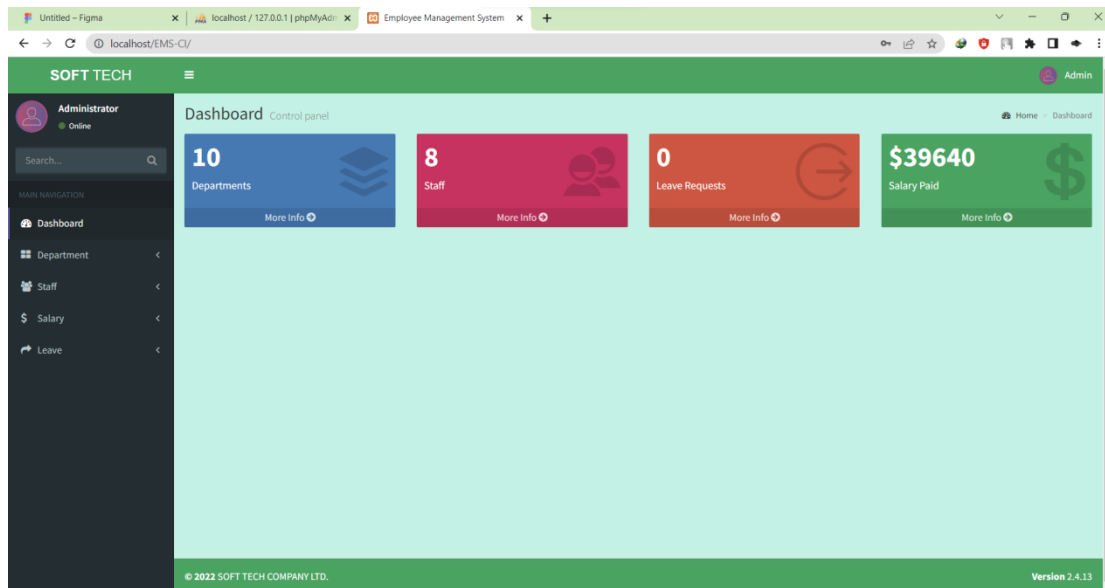


4. Graphic User Interface (GUI) Design

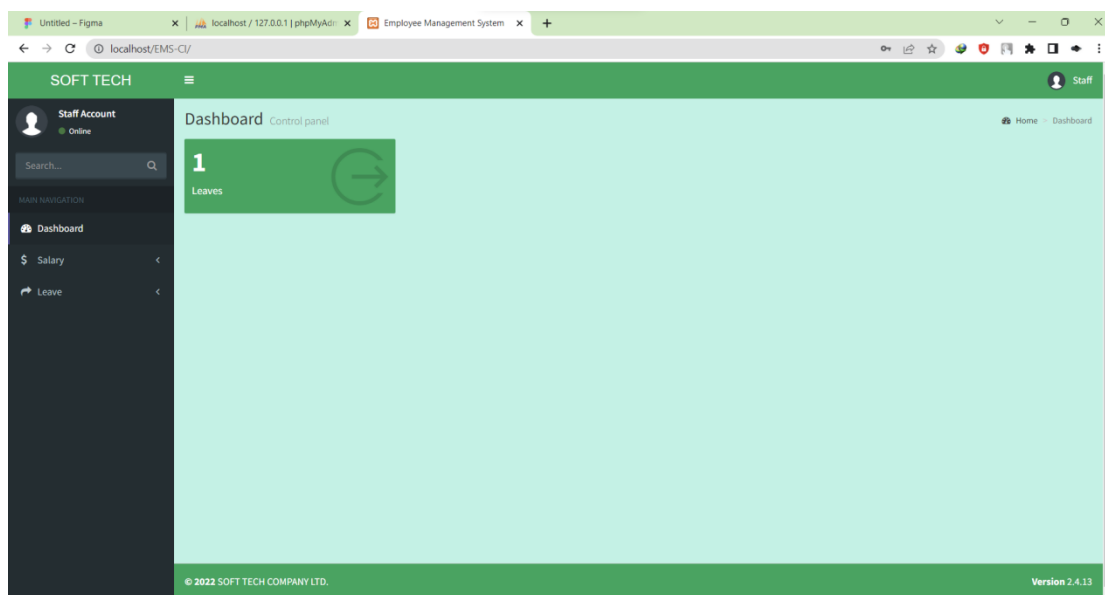
4.1 Prototype GUI of the Welcome Window



4.2 AUC01 Prototype GUI Admin Dashboard



4.3 EUC01 Prototype GUI Employee Dashboard



Testing Report

1 Introduction

1.1 Objective

The main purpose of this project is to detect the possible uncovered errors and analysis the values.

1.2 References

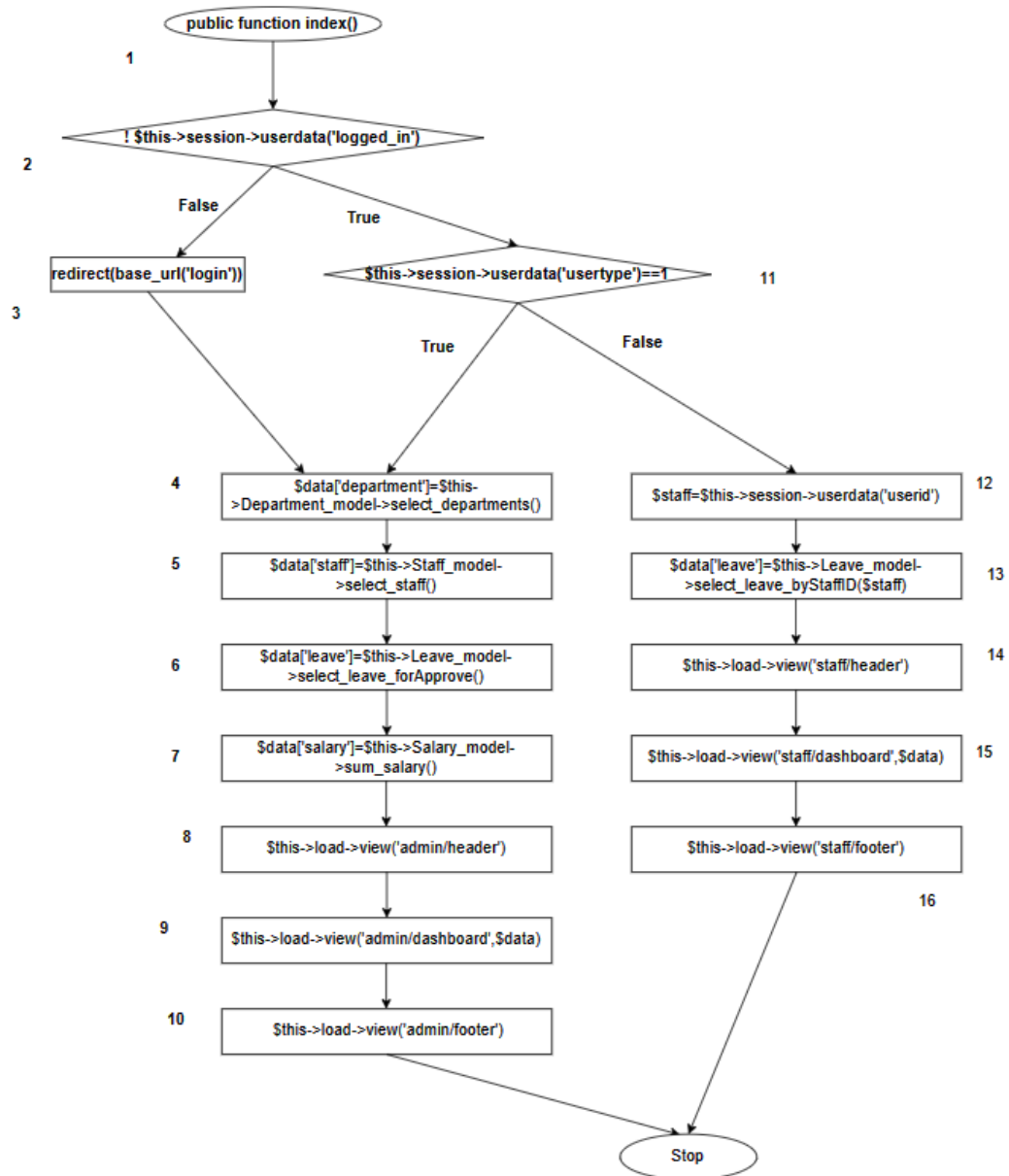
1. Dr. Zhu Ming, "Software Engineering Course", Shandong University of Technology, 2nd September, 2021.

1.3 Testing Plan (Black box testing and White box testing)

1.3.1 Structural testing (Black box testing)

Basis path coverage

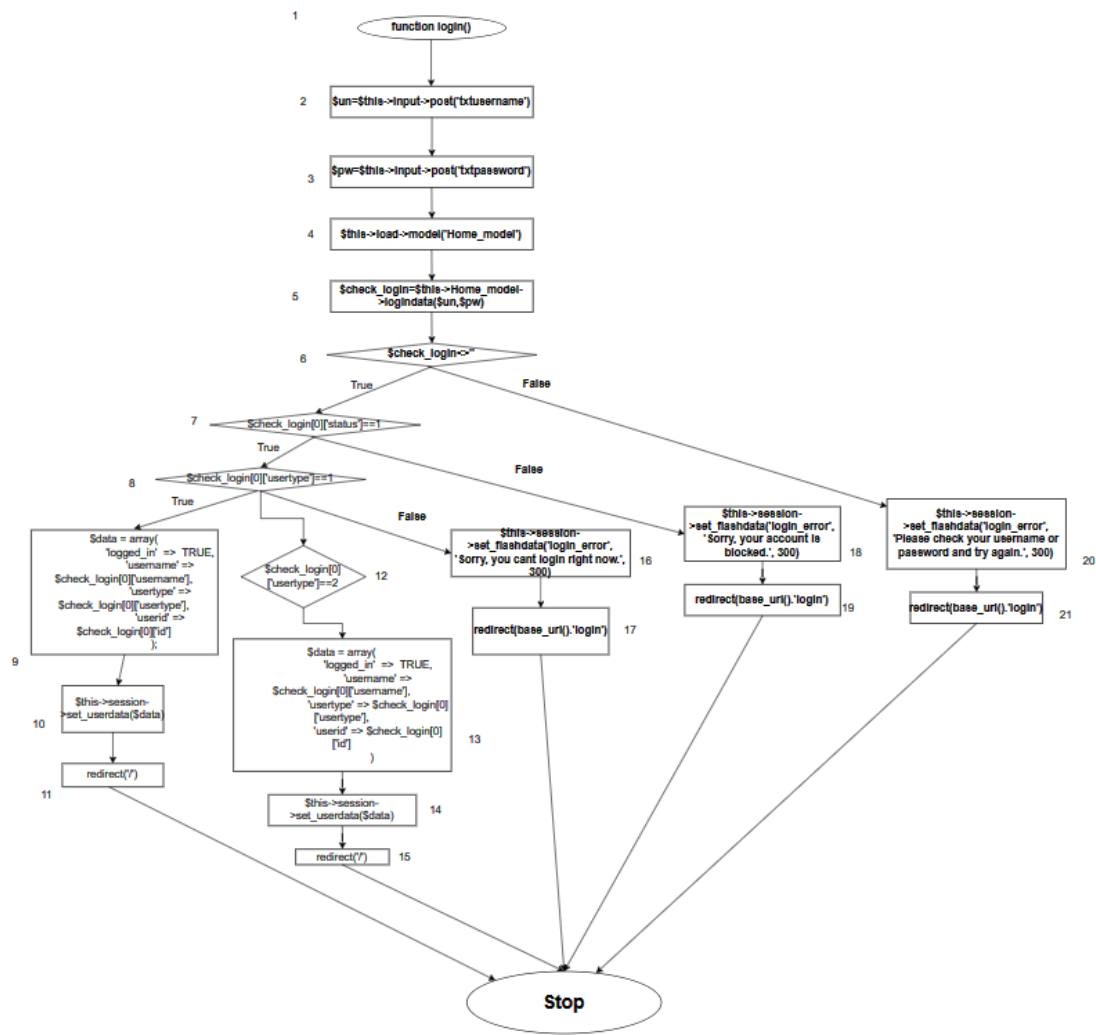
1. Index function



Minimum number of test cases = $e - n + 2 = 18 - 17 + 2 = 3$

Test cases: {1,2,3,4,5,6,7,8,9,10,17}, {1,2,11,4,5,6,7,8,9,10,17},
{1,2,11,12,13,14,15,16,17}

2. Login Function



Minimum number of test cases = $e - n + 2 = 25 - 22 + 2 = 5$

Test cases: {1,2,3,4,5,6,7,8,9,10,11,22}, {1,2,3,4,5,6,7,8,12,13,14,15,22},
 {1,2,3,4,5,6,7,8,16,17,22}, {1,2,3,4,5,6,7,18,19,22}, {1,2,3,4,5,6,20,21,22}

1.3.2 Decomposition tree

1.3.3 Functional testing

1. Boundary Value testing for login function

We took two input variable for login functionality

So, the number of test cases is: $4*2+1 = 9$

Case	Input1	Input2	Expected output
TC_Login001	Valid Email	Valid Password	Login Successfully
TC_Login002	Invalid Email	Invalid Password	Login Failed
TC_Login003	Valid Email	Invalid Password	Login Failed
TC_Login004	Invalid Email	Valid Password	Login Failed
TC_Login005	Empty Email	Empty Password	Login Failed
TC_Login006	Valid Email	Empty Password	Login Failed
TC_Login007	Empty Email	Valid Password	Login Failed
TC_Login008	Invalid Email	Empty Password	Login Failed
TC_Login009	Empty Email	Invalid Password	Login Failed

2Testing Results

We used php code for our project. For Unit testing we used PHPUnit platform(terminal based).

2.1 Test case for login method (Email)

```

4 use PHPUnit\Framework\TestCase;
5
6 require_once 'd:\Book\CST\seventh semester\darwin-cms-Lesson-13.UnitTesting\darwin-cms-Lesson-13.UnitTesting\src\interface
7 require_once 'd:\Book\CST\seventh semester\darwin-cms-Lesson-13.UnitTesting\darwin-cms-Lesson-13.UnitTesting\src\Validatio
8 require_once 'd:\Book\CST\seventh semester\darwin-cms-Lesson-13.UnitTesting\darwin-cms-Lesson-13.UnitTesting\src\validatio
9
10 final class ValidationTest extends TestCase
11 {
12     public function testValidationEmail(): void
13     {
14         $validationClass = new Validation();
15         $validationClass->addRule(new ValidateEmail());
16
17         $this->assertFalse($validationClass->validate('aty123'));
18         $this->assertTrue($validationClass->validate('test@email.com'));
19     }
20 }

```

ValidationTest > testValidationEmail >

Test Results Terminal - ...ng/darwin-cms-Lesson-13.UnitTest... x

ERRORS!
Tests: 2, Assertions: 1, Errors: 1.

TAYBUL ISLAM TUSER@LAPTOP-HJCS2F47 / cygdrive/d/Book/CST/seventh semester/darwin-cms-Lesson-13.UnitTesting/darwin-cms-Lesson-13.UnitTesting
\$./vendor/bin/phpunit tests
PHPUnit 9.5.27 by Sebastian Bergmann and contributors.

.. 2 / 2 (100%)

Time: 00:00.012, Memory: 4.00 MB

OK (2 tests, 3 assertions)

TAYBUL ISLAM TUSER@LAPTOP-HJCS2F47 / cygdrive/d/Book/CST/seventh semester/darwin-cms-Lesson-13.UnitTesting/darwin-cms-Lesson-13.UnitTesting
\$

ID	Description	Input	Expected Output	Output	Result
201	Check the email for (valid email)	test@gmail.com	Login Successfully	Login Successfully	Successful
202	Check the email for (Invalid email)	Aty123	Login failed	Login failed	Successful

2.2 Test for login method (Password)

The screenshot shows an IDE with a PHP file named `ValidationTest` extending `TestCase`. The class contains a `testValidationPassword` method that creates a `Validation` object, adds a `ValidatePassword` rule, and performs two assertions: one for a valid password ('aty123') and one for an invalid password ('tuser'). Below the code, the terminal window shows the command `./vendor/bin/phpunit tests` being executed. The output indicates that 2 tests passed (100%) and 3 assertions were successful. The terminal output is highlighted with a red box.

```

9
10 final class ValidationTest extends TestCase
11 {
12     public function testValidationPassword(): void
13     {
14         $validationClass = new Validation();
15         $validationClass->addRule(new ValidatePassword());
16
17         $this->assertFalse($validationClass->validate('aty123'));
18         $this->assertFalse($validationClass->validate('tuser'));
19     }
20 }

```

```

TAYBUL ISLAM TUSER@LAPTOP-HJCS2F47 /cygdrive/d/Book/CST/seventh semester/darwin-cms-Lesson-13.UnitTesting/darwin-cms-Lesson-13.UnitTesting
$ ./vendor/bin/phpunit tests
PHPUnit 9.5.27 by Sebastian Bergmann and contributors.

..                                                                  2 / 2 (100%)

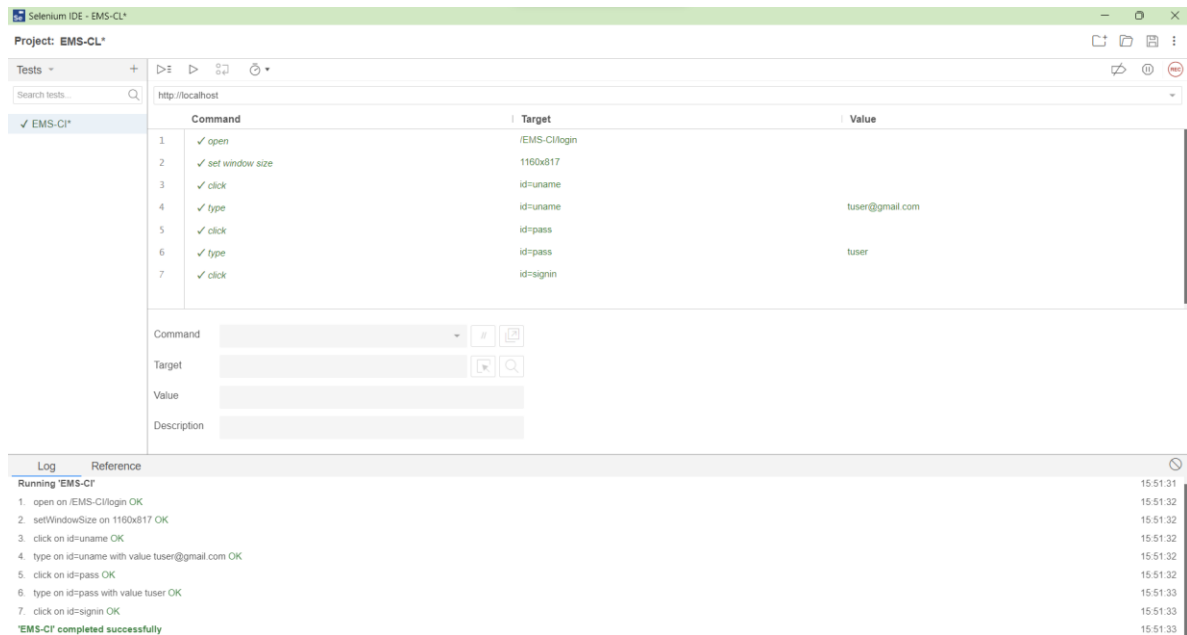
Time: 00:00.012, Memory: 4.00 MB

OK (2 tests, 3 assertions)
TAYBUL ISLAM TUSER@LAPTOP-HJCS2F47 /cygdrive/d/Book/CST/seventh semester/darwin-cms-Lesson-13.UnitTesting/darwin-cms-Lesson-13.UnitTesting
$

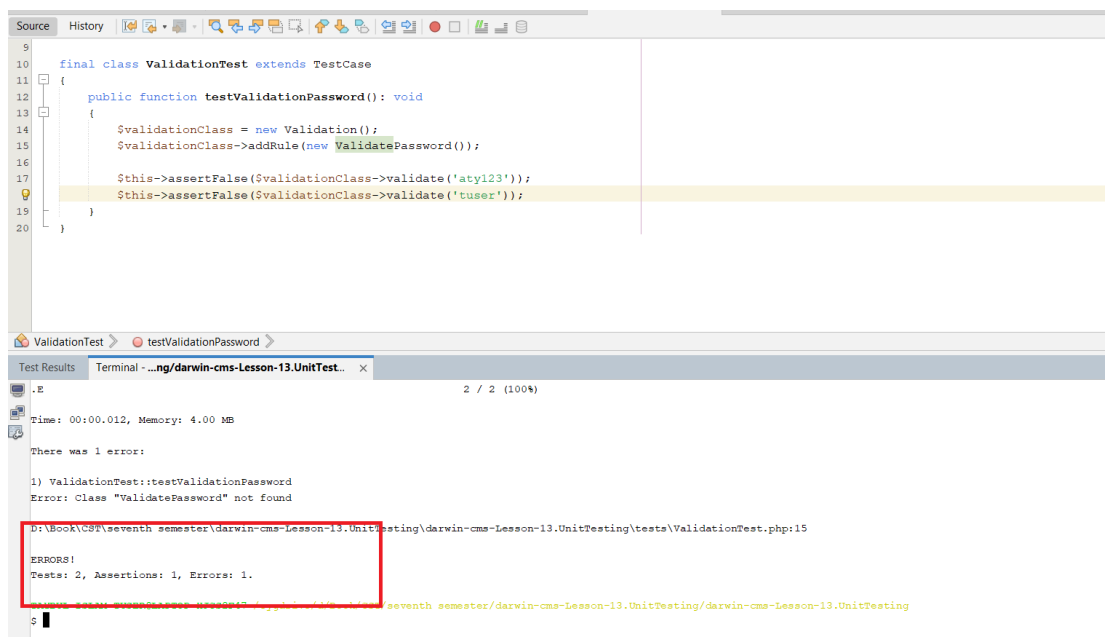
```

ID	Description	Input	Expected Output	Output	Result
201	Check the password for (valid password)	aty123	Login Successfully	Login Successfully	Successful
202	Check the password for (Invalid password)	tuser	Login failed	Login failed	Successful

2.3 Selenium Testing



3 Results Analysis and Suggestions.

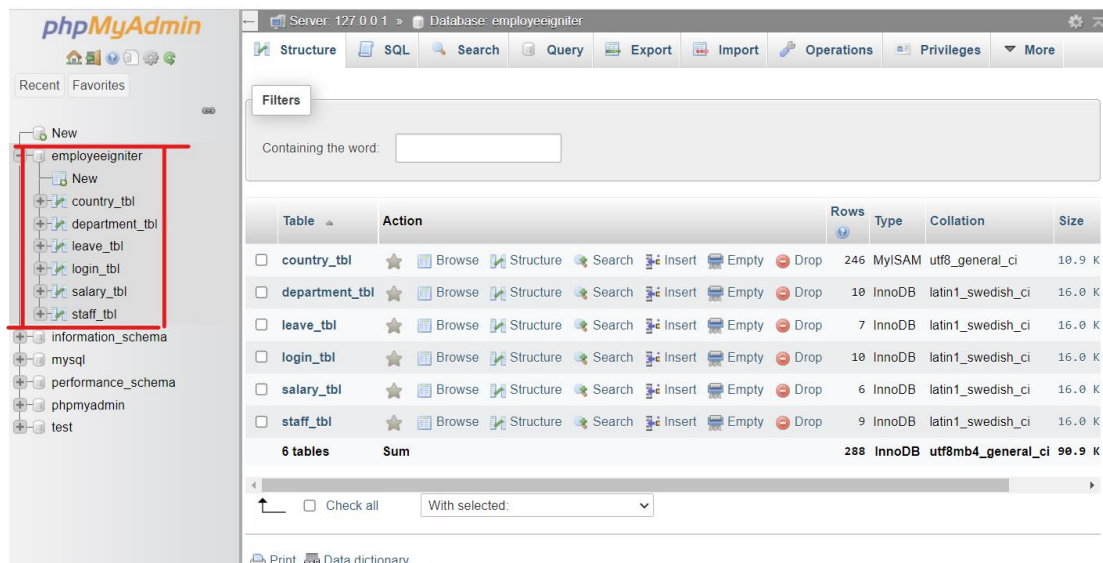


At first we got error while testing password functionality, because we used password hash method. We couldn't encrypted the password for testing, then we used normal password type and test again. Finally, we got successful testing report.

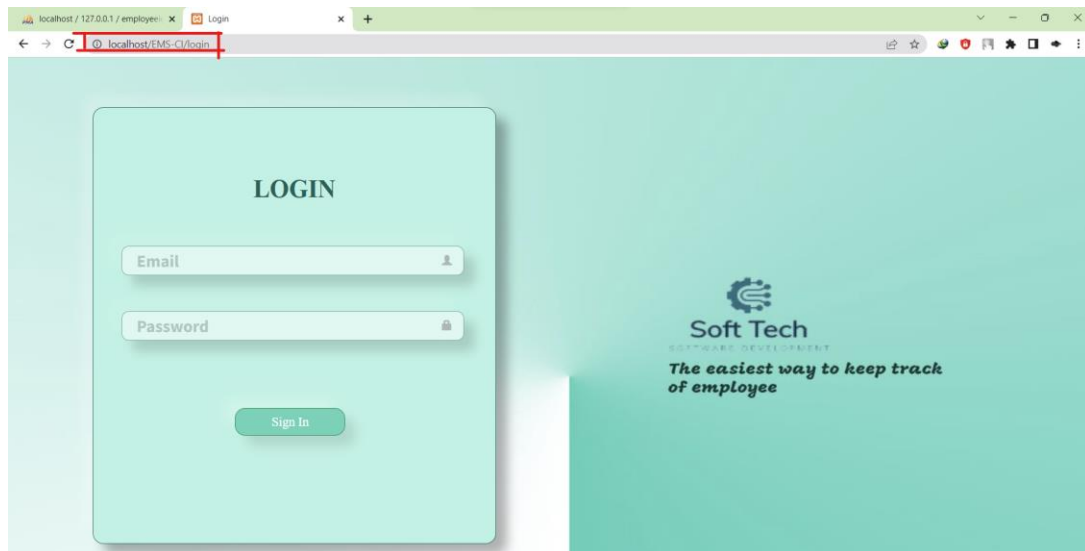
Input and output Screen of the project

You can follow some step to run our project

1. You have to install “XAMPP” and “MySQL” on your computer.
2. You need to start “Apache and MySQL” from XAMPP.
3. You need to put our project file on “C:\xampp\htdocs” folder.
4. You need to create a database name as “employeeigniter”.
5. import the Database named “employeeigniter.sql” on employeeigniter database. You can find the mysql database on “DATABASE FILE” folder on our project



6. Then Enter the URL: <http://localhost/EMS-CI/> on a browser.



7. You need Login now by clicking on Sign In button.

8. We have two type of login account “Admin” & “Employee”

9. For Admin User: Email: tuser@gmail.com

Password: tuser

Email: rokaya@gmail.com

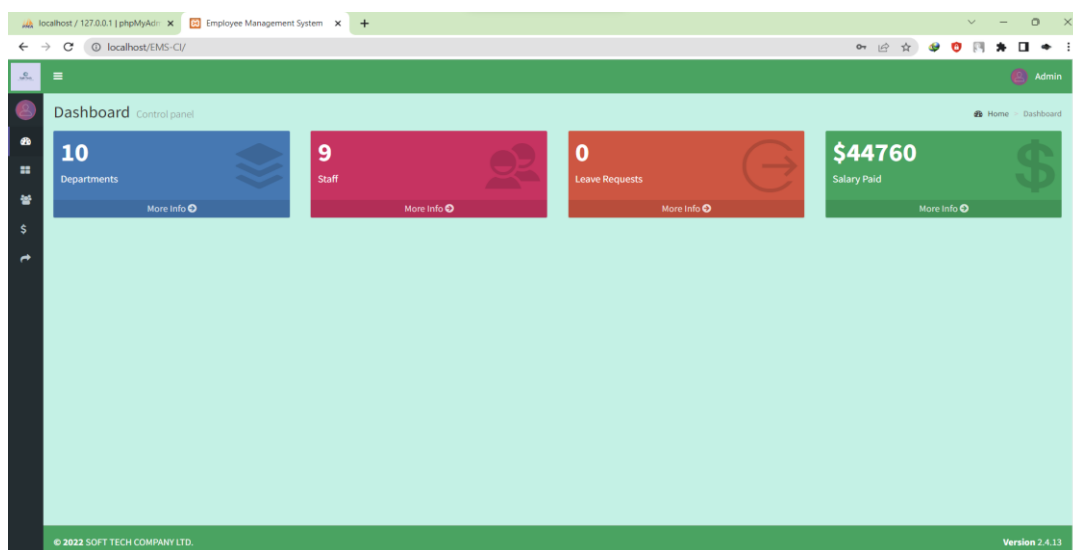
Password: rokaya

For Employee User: Email: tushar@gmail.com

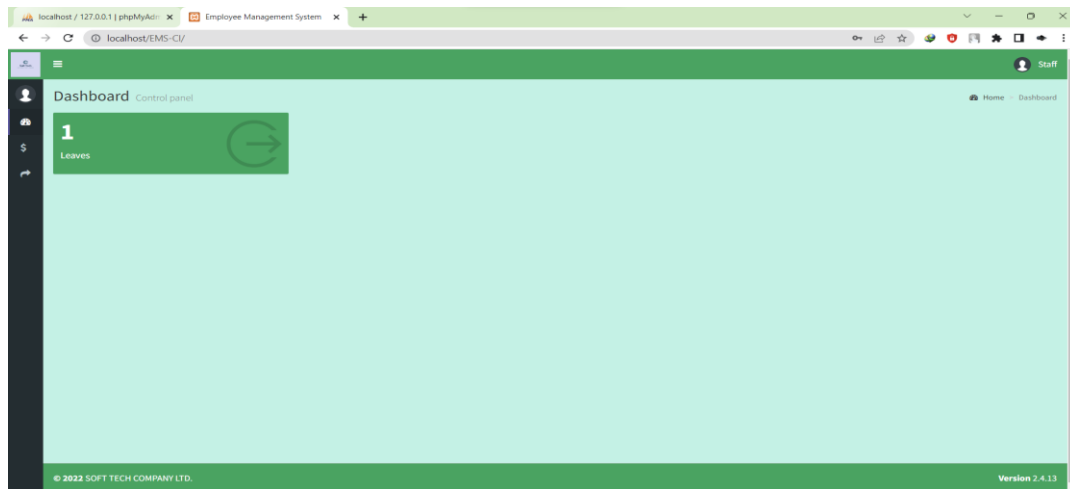
Password: tushar

10. After login you can enter the dashboard

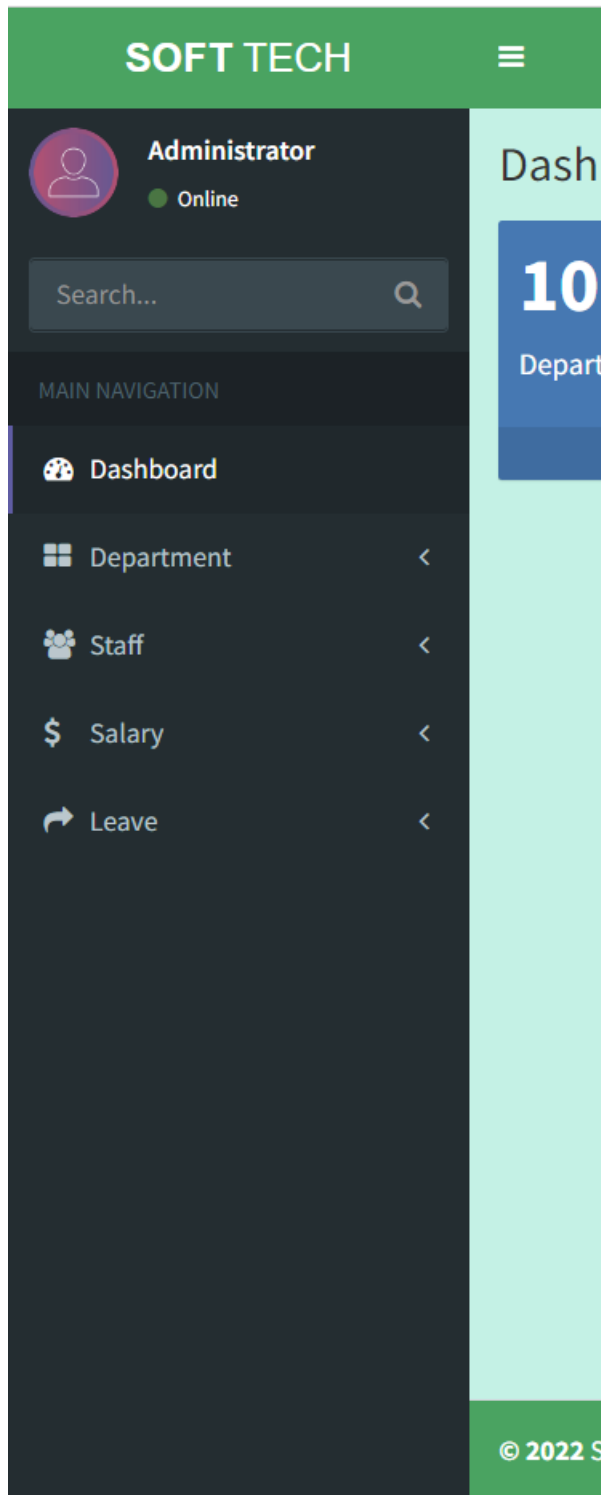
Admin Dashboard:



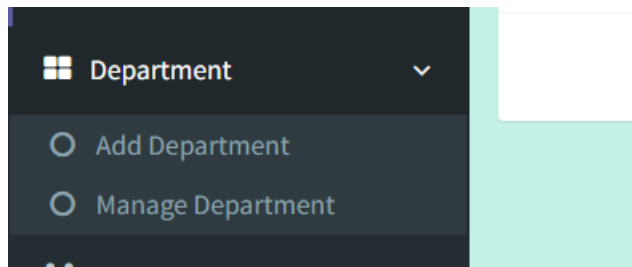
Employee Dashboard:



11. Admin Dashboard has Department, Staff, Salary, Leave entities. You can find these entities on the sidebar.



12. In the Department section you can add a new Department and Manage Department.



12.1. By Clicking the Add Department you can add a new Department.

Departments Home > Departments > Add Department

Add Department

Department Name

Mechanical

Submit

After Clicking the submit button you show a Success alert.

Departments Home > Departments > Add Department

✓ **Success!**
New Department Added Successfully

Add Department

Department Name

Department Name

Submit

12.2. By clicking the Manage Department you modify the pre added Department.(Edit & Delete)

Departments Home > Departments > Manage Departments

Manage Departments

Show 10 entries

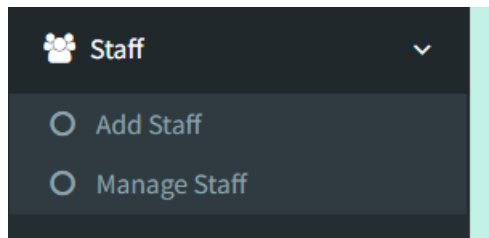
Search:

#	Department Name	Actions
1	Human Resources	Edit Delete
2	Back-End Development	Edit Delete
3	Designing	Edit Delete
4	Front-End Development	Edit Delete
5	Marketing	Edit Delete
6	Finance	Edit Delete
7	Civil	Edit Delete
8	IT	Edit Delete
9	IOT	Edit Delete
10		Edit Delete

Showing 1 to 10 of 11 entries

Previous 1 2 Next

13.1. By clicking the Staff you can find two sub Menu (Add Staff & Manage Staff).



13.2. By clicking Add Staff you can add new employee.

Staff Management

Home Staff Management Add Staff

Add Staff

Full Name: Tushar Chandra

Gender: Male

Mobile: 1568901211

Date of Birth: 02/12/2002

City: Zibo

Country: China

Department: Mechanical

Email: tushar@gmail.com

Photo: Choose File tushar.jpg

Date of Joining: 12/08/2022

State: Shandong

Address: Zibo, Shandong

Submit

After clicking the submit button you can show a success alert or failed alert.

Staff Management

Home Staff Management Add Staff

Admin

✓ Success!
New Staff Added Successfully

Add Staff

Full Name: Full Name

Gender: Select

Mobile: Mobile

Date of Birth: mm/dd/yyyy

City:

Department: Select

Email: Email

Photo: Choose File No file chosen

Date of Joining: mm/dd/yyyy

State:

13.3. By clicking the Manage Staff you can modify the pre created staff (edit & delete)

localhost / 127.0.0.1 | phpMyAdmin x Employee Management System x Metrolife | Shondha | Official x x x

localhost/EMS-CI/manage-staff

SOFT TECH

Administrator Online

Search...

MAIN NAVIGATION

- Dashboard
- Department
- Staff
 - Add Staff
 - Manage Staff
- Salary
- Leave

Staff

Home > Staff Management > Manage Staff

✓ Success!
Staff Updated Successfully

Manage Staff

Show 10 entries

Search:

#	Name	Photo	Department	Gender	Mobile	Email	DOB	Joined On	Address	City	State	Country	Actions
1	Tushar Chandra		Mechanical	Male	1568901211	tushar@gmail.com	12-02-2002	08-12-2022	Zibo, Shandong	Zibo	Shandong	China	Edit Delete
2	Tanvir Hassan		IT	Male	1568901211	taybulislam7@gmail.com	11-06-2002	14-12-2022	Zibo, Shandong	Zibo	Shandong	China	Edit Delete
3	Angela Bridges		Finance	Female	7417417417	angela@gmail.com	11-02-1992	05-03-2021	3538 Melville Street	Jackson	TN	United States	Edit Delete
4	Mark Heiden		Back-End Development	Male	7070707069	markh@gmail.com	12-02-1990	04-02-2021	2190 Laurel Lane	Midland	TX	United States	Edit Delete
5	Samuel Huotson		Marketing	Male	7410000010	samuel@gmail.com	28-12-1991	25-04-2021	2315 Cherry Tree Drive	Jacksonville	FL	United States	Edit

14. In Salary section you can add salary & Manage salary (edit & delete)

localhost / 127.0.0.1 | phpMyAdmin x Employee Management System x Best of Tanveer Evan 2021 | x x x

localhost/EMS-CI/add-salary

SOFT TECH

Administrator Online

Search...

MAIN NAVIGATION

- Dashboard
- Department
- Staff
- Salary
 - Add Salary
 - Manage Salary
- Leave

Salary

Home > Salary > Add Salary

✓ Success!
Staff Updated Successfully

Add Salary

Department Name

Mechanical

Staff	Basic Salary (\$)	Allowance (\$)	Total (\$)
Tushar Chandra	6000	100	6100

Submit

By Clicking the Manage Salary you can edit salary and delete salary

localhost / 127.0.0.1 | phpMyAdmin x Employee Management System x Best of Tanveer Evan 2021 | x +

localhost/EMS-CI/manage-salary

SOFT TECH

Administrator Online

Search...

MAIN NAVIGATION

- Dashboard
- Department
- Staff
- Salary
 - Add Salary
 - Manage Salary
- Leave

Salary Management







Home > Salary Management > Manage Salary

✓ Success!
Salary Added Successfully

Manage Salary

Show 10 entries

Search:

#	Staff Name	Department	Photo	Basic Salary	Allowance	Total Amount	Paid On	Invoice	Action
1	Tushar Chandra	Mechanical		\$6000	\$100	\$6100	2022-12-21	Invoice	Delete
2	Tanvir Hassan	IT		\$5000	\$120	\$5120	2022-12-21	Invoice	Delete
3	Angela Bridges	Finance		\$4750	\$190	\$4940	2021-05-28	Invoice	Delete
4	Liam Moore	Front-End Development		\$6100	\$250	\$6350	2021-04-30	Invoice	Delete
5	Christine Moore	Designing		\$4950	\$0	\$4950	2021-04-30	Invoice	Delete
6	Tatiana Breit	Back-End Development		\$9100	\$300	\$9400	2021-04-28	Invoice	Delete

15. on the Leave section you can find Manage Staff's Leave request and Leave History.

SOFT TECH

Administrator Online

Search...

MAIN NAVIGATION

- Dashboard
- Department
- Staff
- Salary
- Leave
 - Manage Staff's Leave
 - Leave History


Leave Management

Home > Leave Management > Approve Leave

Approve Leave

Show 10 entries

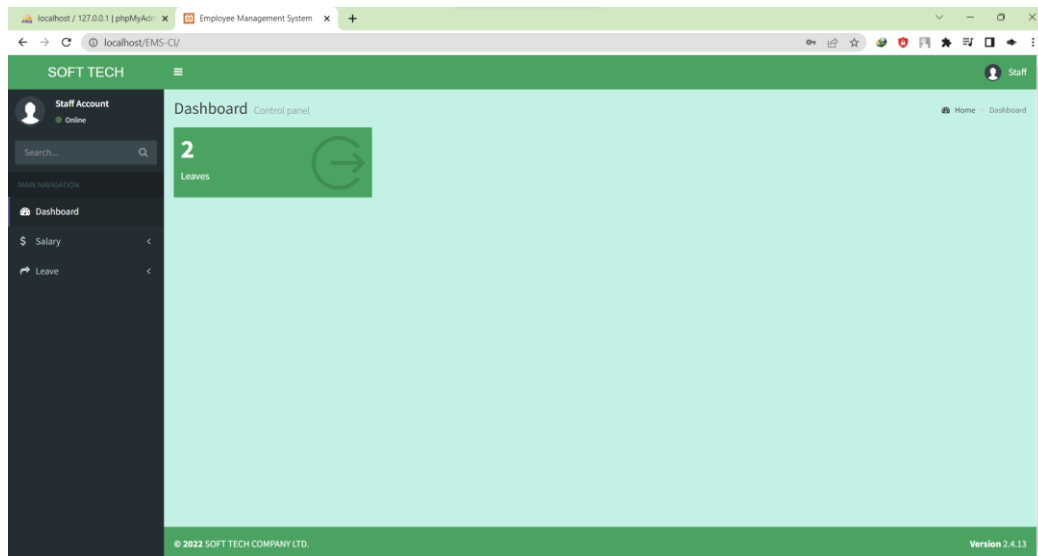
Search:

#	Staff	Photo	Department	Reason	From	To	Description	Applied On	Actions
1	Samuel Huntsman		Marketing	Illness	22-12-2022	23-12-2022	I am very ill.	2022-12-21	Approve Reject

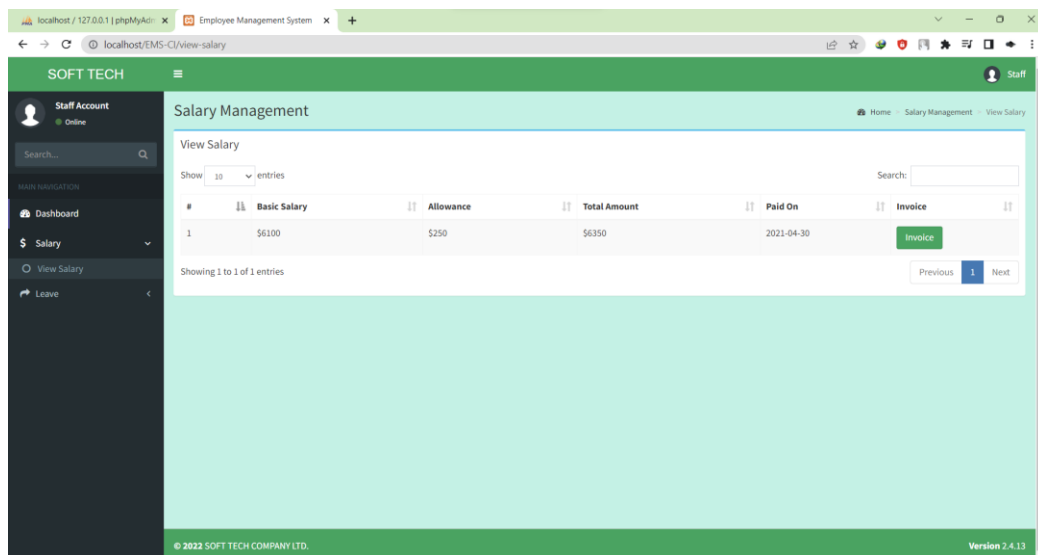
Showing 1 to 1 of 1 entries

Previous 1 Next

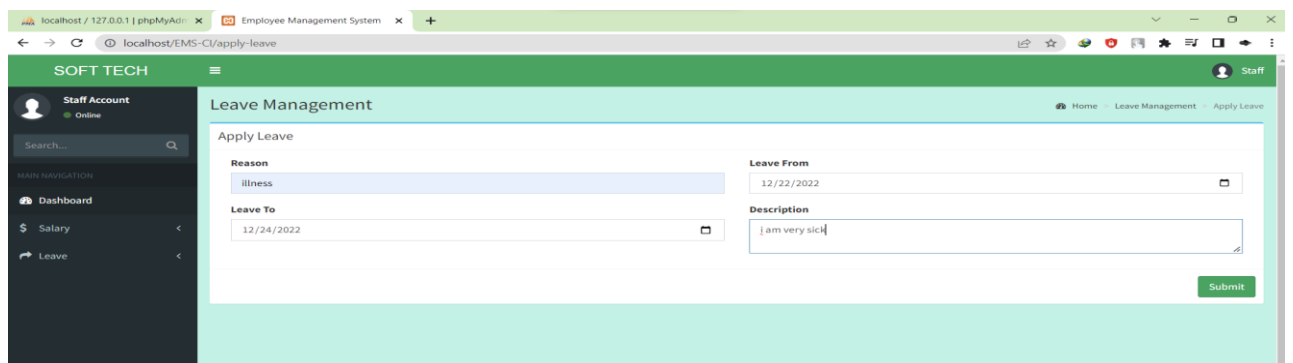
16. Employee User< you can Enter the Employee Dashboard.



17. In the Salary section you can view you Salary.



18. In the leave section employee can Apply for leave and find the leave history.



localhost / 127.0.0.1 | phpMyAdminEmployee Management System

localhost/EMS-CI/view-leave

SOFT TECH

Staff Account

Online

Search...

MAIN NAVIGATION

Dashboard

Salary

Leave

Apply Leave

My Leave History

Leave Management

HomeLeave ManagementView Leave

Success!

New Leave Applied Successfully

View Leave

Show 10 entries

Search:

#	Reason	From	To	Status	Description	Applied On
1	illness	22-12-2022	24-12-2022	Pending	i am very sick	21-12-2022
2	illness	15-12-2022	17-12-2022	Approved	Hello, I am ill today	13-12-2022
3	Casual Leave	28-05-2021	29-05-2021	Approved	been working for full hours since last month, got to free my mind for few days	27-05-2021

Showing 1 to 3 of 3 entries

Previous1Next