



UniKL
UNIVERSITI
KUALA LUMPUR

MALAYSIAN INSTITUTE OF INFORMATION TECHNOLOGY

JANUARY 2021 SEMESTER

ISB 42303: SOFTWARE CONFIGURATION MANAGEMENT

MINI PROJECT: STAFF MANAGEMENT SYSTEM

PREPARED BY:

NO.	NAME	STUDENT ID NO.	GROUP
1.	DIANA BINTI NORDIN	52213118438	L01
2.	AIDIEL DANIEL BIN DERMAWAN	52213118212	L01

PREPARED FOR:

MS NURUL SHARAZ AZMANUDDIN

TABLE OF CONTENTS

1.0	COMPANY VISION.....	3
2.0	COMPANY MISSION.....	3
3.0	ORGANIZATIONAL CHART	3
4.0	PROPOSED PROJECT	3
5.0	PROJECT MODULES	4
6.0	SYSTEM INTERFACE.....	5
7.0	LANGUAGE OF PROGRAMMING	11

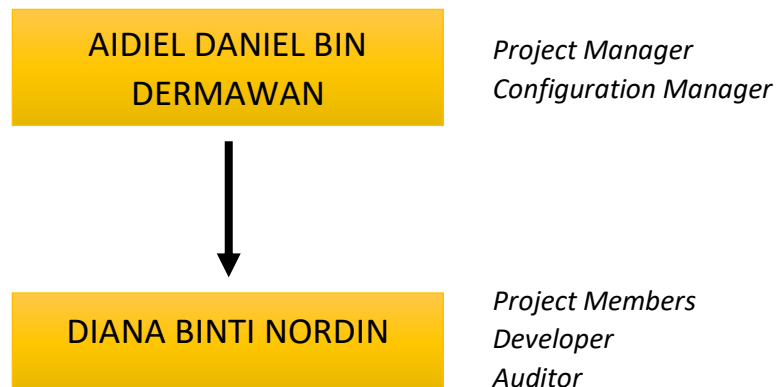
1.0 COMPANY VISION

To be the global energy company most admired for its people, partnership and performance.

2.0 COMPANY MISSION

Strive for new creation and accomplishing high-tech mindset driven by challenging spirits and full speed of actions.

3.0 ORGANIZATIONAL CHART



4.0 PROPOSED PROJECT

The proposed system is called Staff Management System, an application which refers to organizing and recording of all staff's information in one system that generally used in a company. This system is used by two main users which are admin that will manage all staff's information and staffs that will view all their personal details that has been recorded into the system. This application is an easy solution for small and medium sized companies as it provides modules for personnel information management whereby the organization and companies are able to manage the most crucial asset in an organization which is the people. By implementing this system, it will reduce much more time and energy of their people, storing all the important information in organized and secured. The interface of the system is designed to be user-friendly with well thought-out navigations and attractive designed of the user interface.

5.0 PROJECT MODULES

The current module of the propose system is typically emphasizes on both Staff and Admin. Which means, Admin only can manage all the information in the system whereas for the staff, they can simply only use the system to manage their own information such as viewing their salary, updating their profile and changing their password to gain access into the system. Below are the figures of the current module of the system.

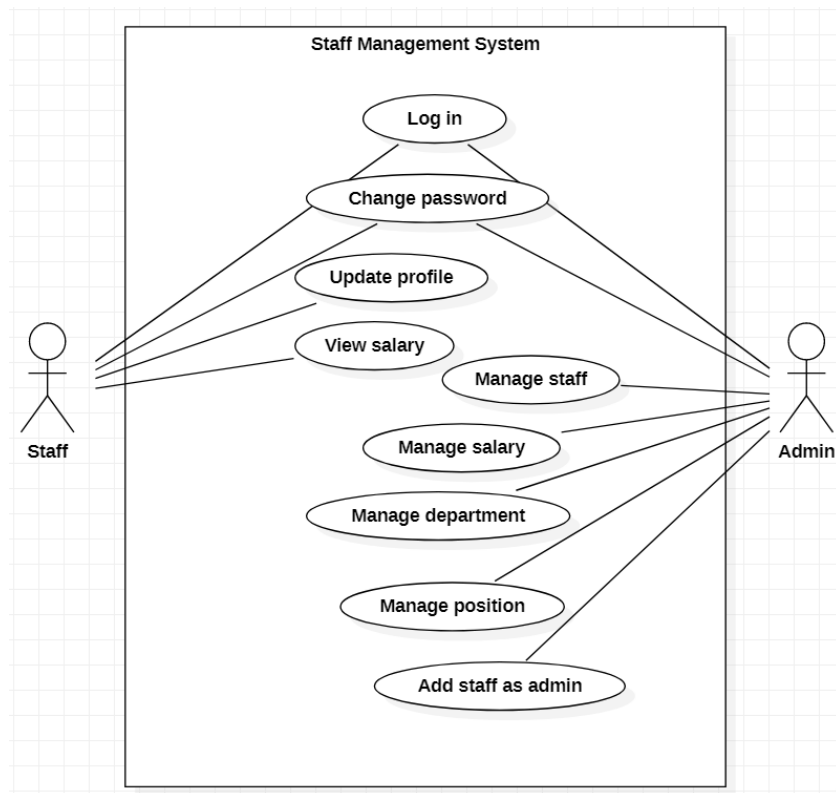


Figure 5.1: The use case for the Staff Management System

6.0 SYSTEM INTERFACE

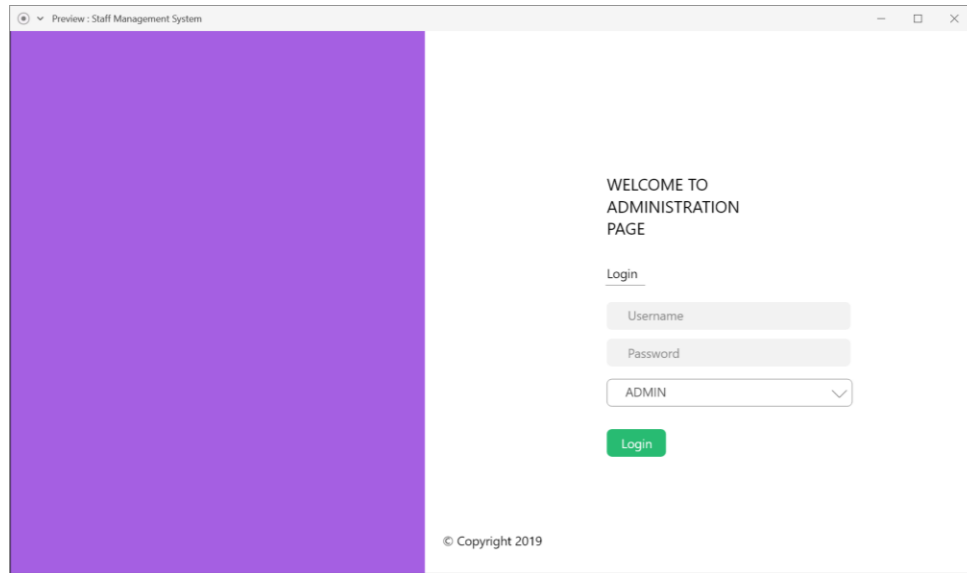


Figure 6.1: Login page of the admin

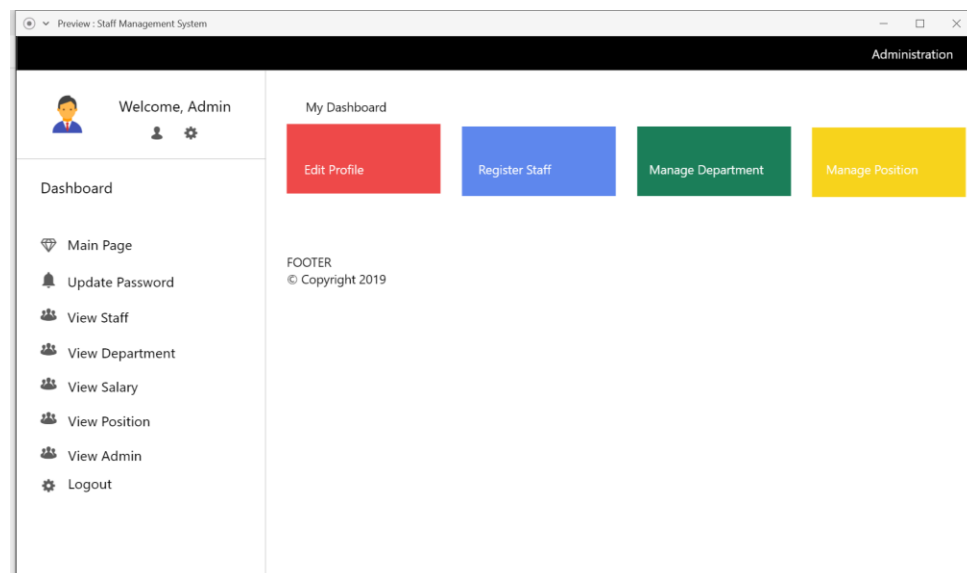


Figure 6.2: Homepage for Admin

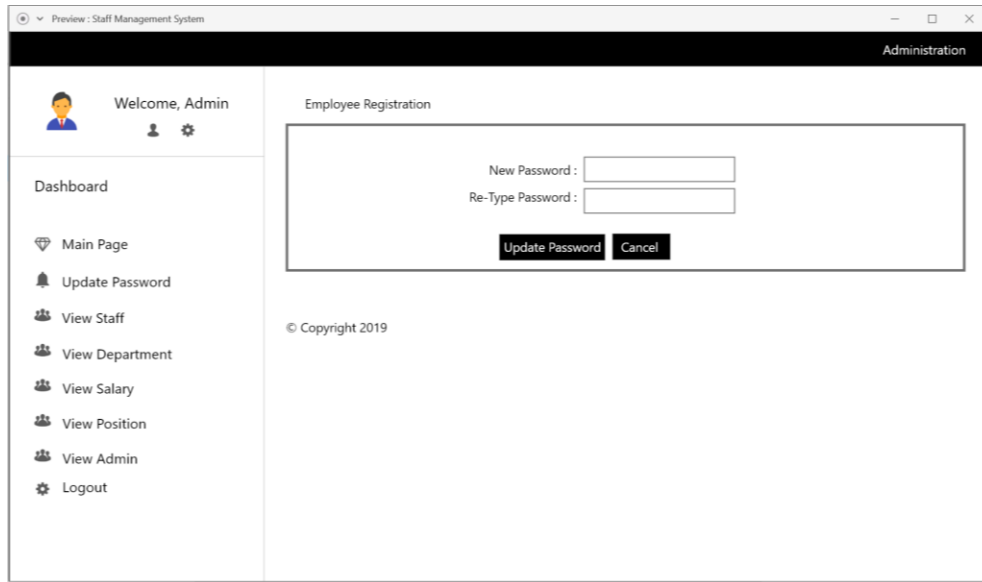


Figure 6.3: Setting for Admin to change password

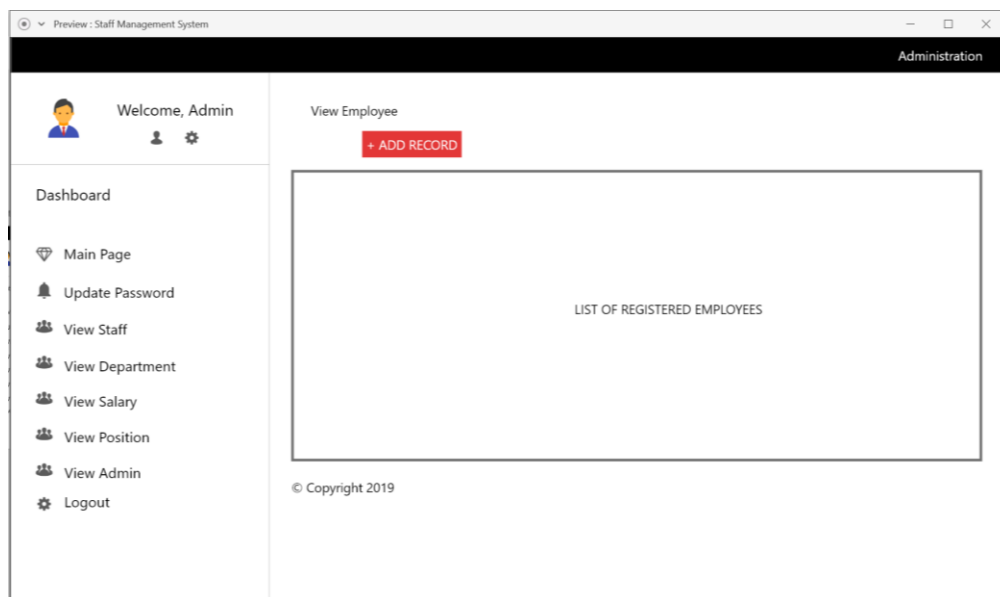


Figure 6.4: List of registered employees in Admin page

The screenshot shows the 'Employee Registration' form within the 'Administration' section of the 'Staff Management System'. The form is titled 'Employee Registration' and contains the following fields: Employee ID, Name, IC Number, Address, Email, Phone Number, Gender (with radio buttons for Male and Female), Date of Birth, Department, and Position. Below the fields are 'Update' and 'Cancel' buttons. A sidebar on the left contains a 'Dashboard' menu with options: Main Page, Update Password, View Staff, View Department, View Salary, View Position, View Admin, and Logout. The top navigation bar includes 'Welcome, Admin' and a user icon. The footer indicates '© Copyright 2019'.

Figure 6.5: Employee registration form for Admin to register new employees

The screenshot shows the 'View Department' page within the 'Administration' section of the 'Staff Management System'. The page is titled 'View Department' and features a red '+ ADD RECORD' button. Below the button is a large empty box labeled 'LIST OF REGISTERED DEPARTMENT'. The sidebar on the left is identical to the previous screenshot. The top navigation bar includes 'Welcome, Admin' and a user icon. The footer indicates '© Copyright 2019'.

Figure 6.6: List of registered departments in Admin page

The screenshot shows a web application window titled "Preview : Staff Management System". The top navigation bar is black with the word "Administration" in white. Below the navigation bar, the main content area is divided into two sections. On the left is a sidebar with a "Dashboard" section containing links: "Main Page", "Update Password", "View Staff", "View Department", "View Salary", "View Position", "View Admin", and "Logout". The right section is titled "Department Registration" and contains a form with two input fields: "Department ID:" and "Department Name:". Below these fields are two buttons: "Add" and "Cancel". At the bottom of the right section, there is a copyright notice: "© Copyright 2019".

Figure 6.7: Department Registration form in Admin page

The screenshot shows a web application window titled "Preview : Staff Management System". The top navigation bar is black with the word "Administration" in white. Below the navigation bar, the main content area is divided into two sections. On the left is a sidebar with a "Dashboard" section containing links: "Main Page", "Update Password", "View Staff", "View Department", "View Salary", "View Position", "View Admin", and "Logout". The right section is titled "View Salary" and contains a red button labeled "+ ADD RECORD SALARY". Below this button is a search bar with the placeholder text "Search for names...". Below the search bar is a large rectangular box labeled "EMPLOYEE INFORMATION". At the bottom of the right section, there is a copyright notice: "© Copyright 2019".

Figure 6.8: Viewing salary of registered employees in Admin page

Preview : Staff Management System

Administration

Welcome, Admin

Dashboard

- Main Page
- Update Password
- View Staff
- View Department
- View Salary
- View Position
- View Admin
- Logout

Add Record Salary

Employee Name:

Month:

Total Salary:

© Copyright 2019

Figure 6.9: Form to input specific employee and their salary

Preview : Staff Management System

Administration

Welcome, Admin

Dashboard

- Main Page
- Update Password
- View Staff
- View Department
- View Salary
- View Position
- View Admin
- Logout

View Position

LIST OF REGISTERED POSITION

© Copyright 2019

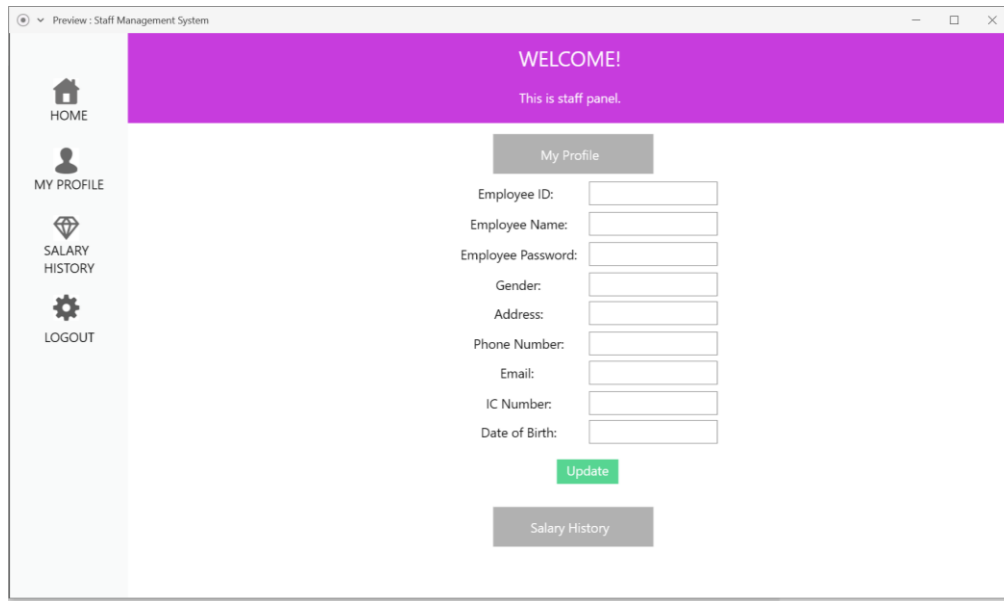
Figure 6.10: List of registered positions in Admin page

The screenshot shows a web application window titled "Preview - Staff Management System". The top right corner has a tab labeled "Administration". On the left, there is a sidebar with a "Welcome, Admin" message and a list of menu items: Dashboard, Main Page, Update Password, View Staff, View Department, View Salary, View Position, View Admin, and Logout. The main content area is titled "Position Registration" and contains a form with two input fields: "Position ID:" and "Position Name:". Below these fields are two buttons: "Add" and "Cancel". At the bottom of the main content area, there is a copyright notice: "© Copyright 2019".

Figure 6.11: Position Registration form in Admin page

The screenshot shows a web application window titled "Preview - Staff Management System". The top right corner has a tab labeled "Administration". On the left, there is a sidebar with a "Welcome, Admin" message and a list of menu items: Dashboard, Main Page, Update Password, View Staff, View Department, View Salary, View Position, View Admin, and Logout. The main content area is titled "View Department" and contains a search bar with the placeholder text "Search for names...". Below the search bar is a table with the header "LIST OF REGISTERED EMPLOYEE" and a button labeled "+ ADD AS ADMIN". At the bottom of the main content area, there is a copyright notice: "© Copyright 2019".

Figure 6.12: List of registered employees to base on their department



7.0 LANGUAGE OF PROGRAMMING

This system was developed using Java programming language. Java is a general-purpose programming language that is class-based, object-oriented, and designed to have as few implementation dependencies as possible.

By using Java language, it is easier to manage and code and it keeps the system modular, flexible and scalable. Objects created in Java can be reused across the application. Also, the reusability of software lowers the cost of application development.