



ATOMICPEANUTS

User Requirements Specifications

By Atomic Peanuts ©



Date: 21-February-2020

Location: Fontys, Eindhoven

Tutor: Qin Q. Zhao

Louis Kareem Cocks (Project Leader & Developer)

Jose Navarrete Carbonell (Developer)

Alexander Vartic (Developer)

Menderes Saçli (Developer)

S.N: 3954358

S.N: 3917533

S.N: 4030435

S.N: 3838439

TABLE OF CONTENTS

Agreements with client.....	2
Functional Requirements	3
Use Cases (1-2)	4
Use Cases (3-5)	5
Use Cases (6-8)	6
Use Cases (9-13).....	7
Use Cases (14-16).....	8
GUI (Login & Employee System)	9
GUI (Employee System).....	10
GUI (Administration System).....	11
GUI (Administration System).....	12
GUI (Administration System).....	13
GUI (Administration System).....	14
GUI (Administration System).....	15

Agreements with client

Some of the agreements we have with our client is that we are going to deliver a desktop application by the 27th of March, that will be used by the Human Resource managers and employers of Media Bazaar. The managers will have complete control of the application, where they can add, update, view or delete employees from the system. On the other hand, employees will be able to view and update personal information such as name and address. Both managers and employees will have access to statistics that will give them a better understanding of what is going on, statistics such as how many employees are currently working, how many employees work on a certain day and much more.

In addition to the agreements above, we will be delivering a web application alongside an updated version of the desktop application to our client by 8th of May 2020.

Users of the web application will be stock managers; they will have total control of the application and can view or send requests for a restock when Media Bazaar is low on supply.

By the end of week 18 we will deliver a complete package of 3 applications to our client. The updated desktop application, web application and a separate desktop application that will be used by the department managers; the third application will be to manage the shop per department. So, department managers (if they have the authorization) can pretty much add, update, delete or view products in the shop

Functional Requirements

FR-HR_APP_01: The app should provide a user-friendly interface to let a user easily view statistics and the work schedule.

FR-HR_APP_02: A user should be able to view and update their personal information.

FR-HR_APP_03: A user should be able to add an employee to the system.

FR-HR_APP_04: A user should be able to edit an employee in the system.

FR-HR_APP_05: A user should be able to delete an employee from the system.

FR-HR_APP_06: A user should be able to view an employee in the system.

FR-HR_APP_07: A user should be able to assign an employee to a shift.

FR-HR_APP_08: A user should be able to view all departments.

FR-HR_APP_09: A user should be able to view all employees.

FR-HR_APP_10: A user should be able to login with their email and password.

FR-HR_APP_11: A user should be able to logout from the application.

FR-HR_APP_12: A user should be able to filter the work schedule by roles.

FR-HR_APP_13: A user should be able to search for a staff member.

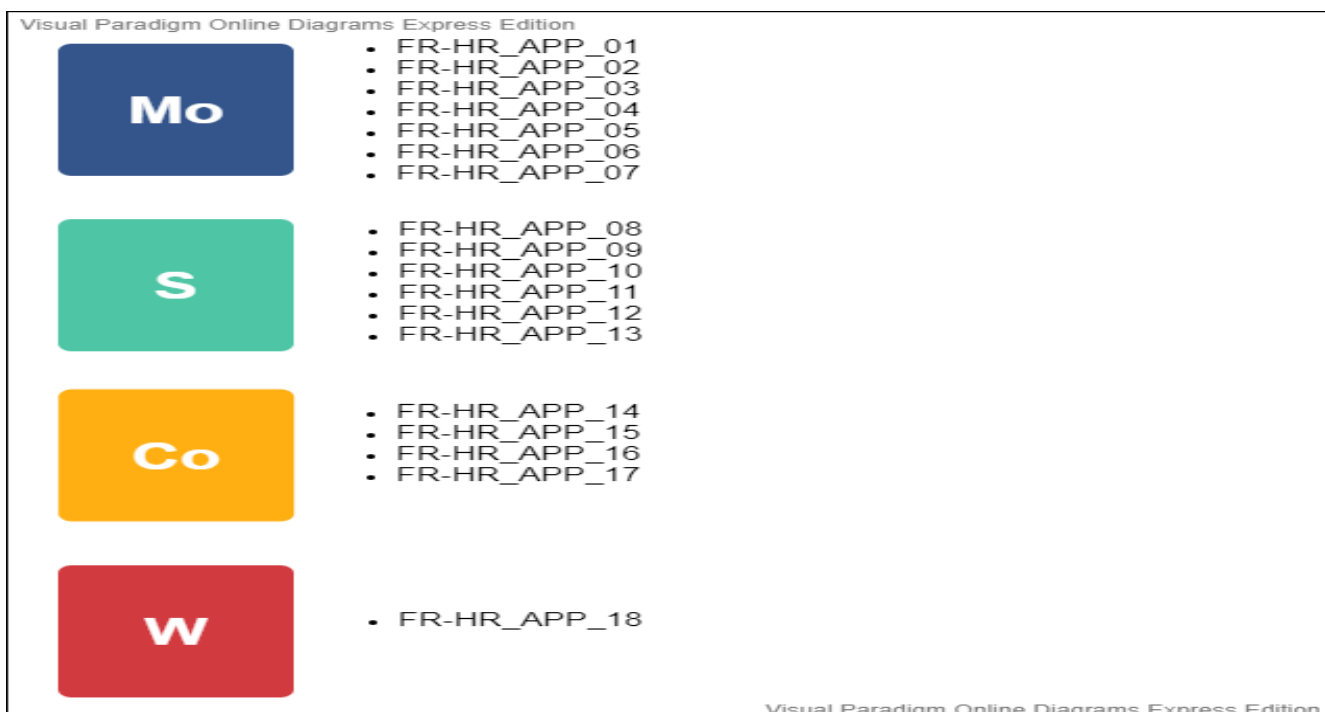
FR-HR_APP_14: A user should be able view fulltime employees.

FR-HR_APP_15: A user should be able view part-time employees.

FR-HR_APP_16: A user should be able view dayshifts.

FR-HR_APP_17: A user should be able view nightshifts.

FR-HR_APP_18: A user should be able to view real-time statistics.



Use Cases (I-2)

Use case: UC-HR_APP_01: Assigning employees to shifts.

Actor: HR Manager.

Pre-conditions: HR Manager is logged in.

Main Success Scenario:

1. A manager double clicks on an employee from the table.
2. Manager gets a message.
3. System opens a new form with employee information.
4. Manager selects time and date to from the dropdown list and calendar.
5. The system confirms that employee is assigned to shift.

Extensions:

- 2a. Question to assign an employee
 1. Manager choose to assign an employee.
 2. Continue to MSS step 4.
 3. Manager choose to cancel the action.
 4. Return to MSS step 1.
- 4a. Form to assign employee
 1. If there's no data, the system will give an error.
 2. If the employee is not available, the system will suggest a reserved employee.
 3. If data is available and employee is assigned to a shift, the system will display message.
indicating success of the action.
 4. End of use case.

Use case: UC-HR_APP_02: Viewing work schedule of staff members.

Actor: HR Manager/Employee.

Pre-conditions: HR Manager/Employee is logged in.

Main Success Scenario:

1. HR Manager/Employee clicks on the view all shifts button.
2. The table displays all members that is assigned to a shift.

Use Cases (3-5)

Use case: UC-HR_APP_03: Deleting an employee.

Actor: HR Manager.

Pre-conditions: Manager is logged in.

Main Success Scenario:

1. Manager selects an employee from the display.
2. Manager clicks on the fire an employee button.
3. System displays a pop-up window.
4. System displays a message that user is successfully removed from the system.

Extensions:

3a. Pop-up window asking the manager to confirm decision

1. Manager clicks yes.
2. Continue to MSS step 4.
3. Manager clicks no.
4. Return to MSS step 2.

Use case: UC-HR_APP_04: Updating an employee's information.

Actor: HR Manager.

Pre-conditions: Manager is logged in.

Main Success Scenario:

1. Manager selects an employee from the display.
2. Manager clicks on the update an employee button.
3. System opens a new page with employee's information.
4. Manager fills input with relevant information.
5. Manager clicks on the done button.
6. System displays a successful message.

Use case: UC-HR_APP_05: Adding an employee to the system.

Actor: HR Manager.

Pre-conditions: Manager is logged in.

Main Success Scenario:

1. Manager clicks on the add an employee button.
2. System opens a new page with empty fields.
3. Manager fills input with relevant information.
4. Manager clicks on the 'done' button.
5. System displays a successful message.

Use Cases (6-8)

Use case: UC-HR_APP_06: Filter work schedule information.

Actor: HR Manager/Employee.

Pre-conditions: Manager/Employee is logged in.

Main Success Scenario:

1. User clicks home tab
2. User clicks the filter dropdown list.
3. User selects Manager or Employee from the list.
4. The table will show the information based on selected filter.

Extensions:

- 1a. User clicks on the Statistics tab
 1. Return to MSS step 2

Use case: UC-HR_APP_07: Search for a staff member.

Actor: HR Manager/Employee.

Pre-conditions: Manager/Employee is logged in.

Main Success Scenario:

1. User clicks home tab.
2. User fills in name of the staff in the textbox.
3. User clicks on the search button.
4. The table will show the information based on the value in the textbox.

Extensions:

- 1a. User clicks on the Statistics tab
 2. Return to MSS step 2.

Use case: UC-HR_APP_08: Sort names in the table.

Actor: HR Manager/Employee.

Pre-conditions: Manager/Employee is logged in.

Main Success Scenario:

1. User clicks home tab.
2. User clicks the sort button.
3. Staff members in the table will be sorted alphabetically by name.

Extensions:

- 1a. User clicks on the Statistics tab
 1. Return to MSS step 2.

Use Cases (9-13)

Use case: UC-HR_APP_09: Viewing all employees.

Actor: HR Manager.

Pre-conditions: Manager is logged in.

Main Success Scenario:

1. Manager clicks Statistics tab.
2. Manager clicks the view all employees button.
3. System will load all employees in the table.

Use case: UC-HR_APP_10: Viewing all departments.

Actor: HR Manager.

Pre-conditions: Manager is logged in.

Main Success Scenario:

1. Manager clicks Statistics tab.
2. Manager clicks the view all department button.
3. System will load all departments in the table.

Use case: UC-HR_APP_11: Viewing employee personal information.

Actor: HR Manager.

Pre-conditions: Manager is logged in.

Main Success Scenario:

1. Manager clicks Employee management tab.
2. Manager selects an employee from the employee's table.
3. Manager clicks the View details button.
4. System displays a new form with employee's information.

Use case: UC-HR_APP_13: View Part-time shifts.

Actor: HR Manager.

Pre-conditions: Manager is logged in.

Main Success Scenario:

1. Employee clicks on History tab.
2. Employee clicks view part-time button.
3. System will display all part-time workers in the table.

Use Cases (14-16)

Use case: UC-HR_APP_14: View Full-time shifts.

Actor: HR Manager.

Pre-conditions: Manager is logged in.

Main Success Scenario:

4. Employee clicks on History tab.
5. Employee clicks view full-time button.
6. System will display all full-time workers in the table.

Use case: UC-HR_APP_15: View Dayshifts.

Actor: Employee.

Pre-conditions: Employee is logged in.

Main Success Scenario:

7. Employee clicks on History tab.
8. Employee clicks view dayshifts button.
9. System will display all dayshifts in the table.

Use case: UC-HR_APP_16: View Nightshifts.

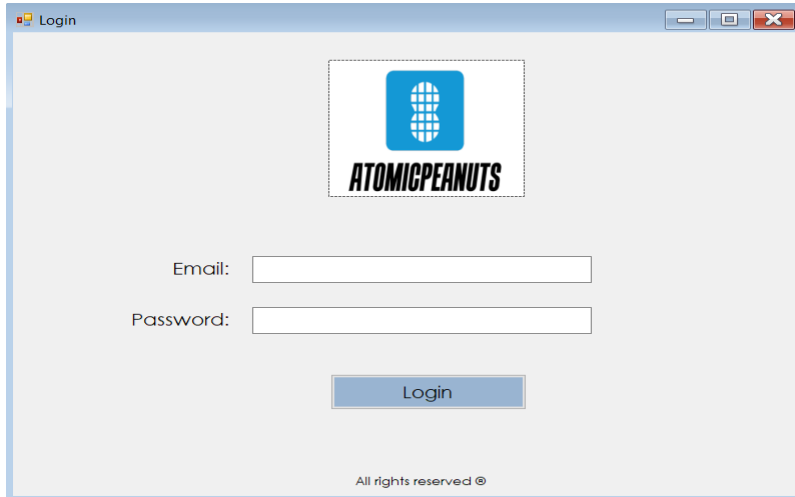
Actor: Employee.

Pre-conditions: Employee is logged in.

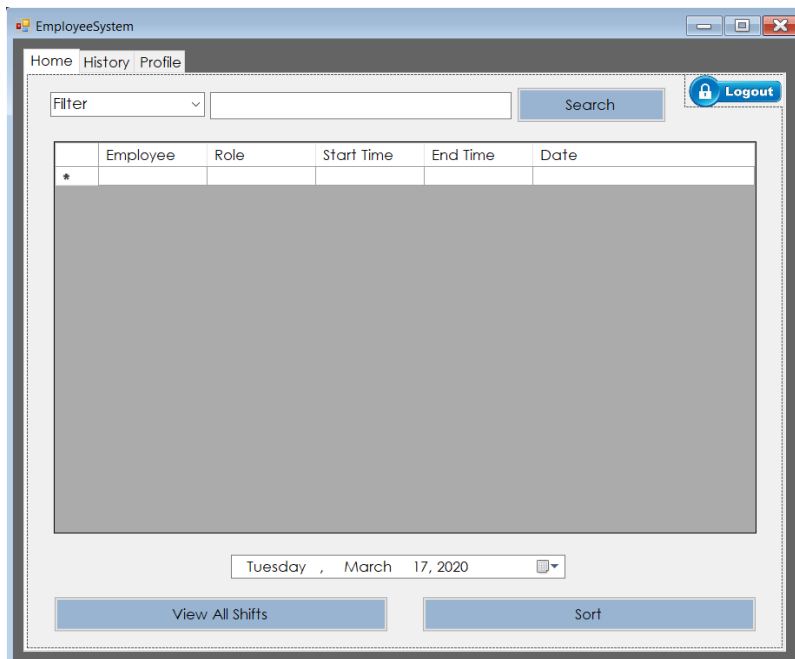
Main Success Scenario:

10. Employee clicks on History tab.
11. Employee clicks view nightshifts button.
12. System will display all nightshifts in the table.

GUI (Login & Employee System)

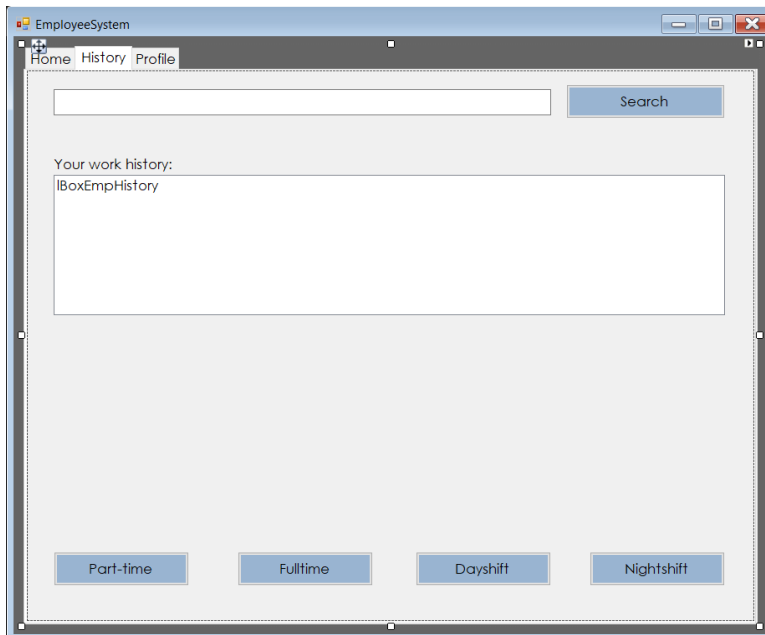


- Login page. User logs into the application with his/her credentials.

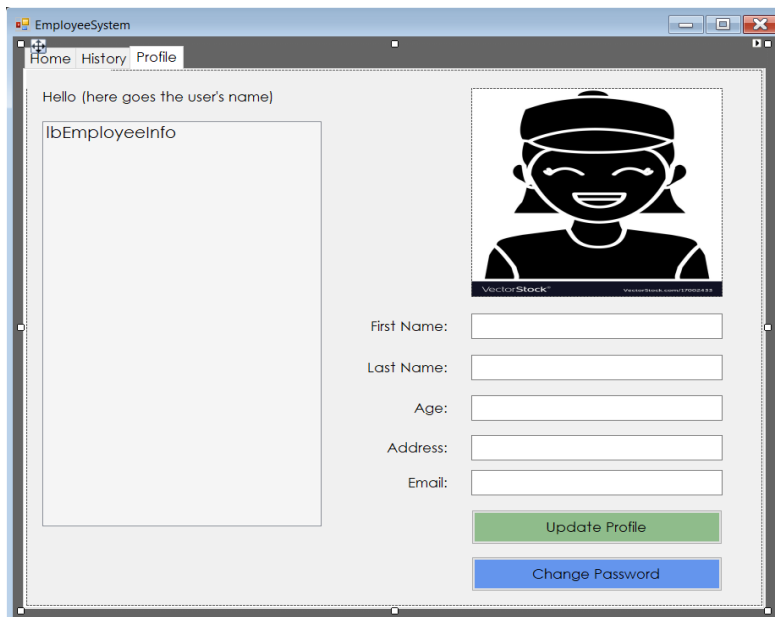


- After logging in, employees will get a schedule overview where they can view all work shifts.

GUI (Employee System)

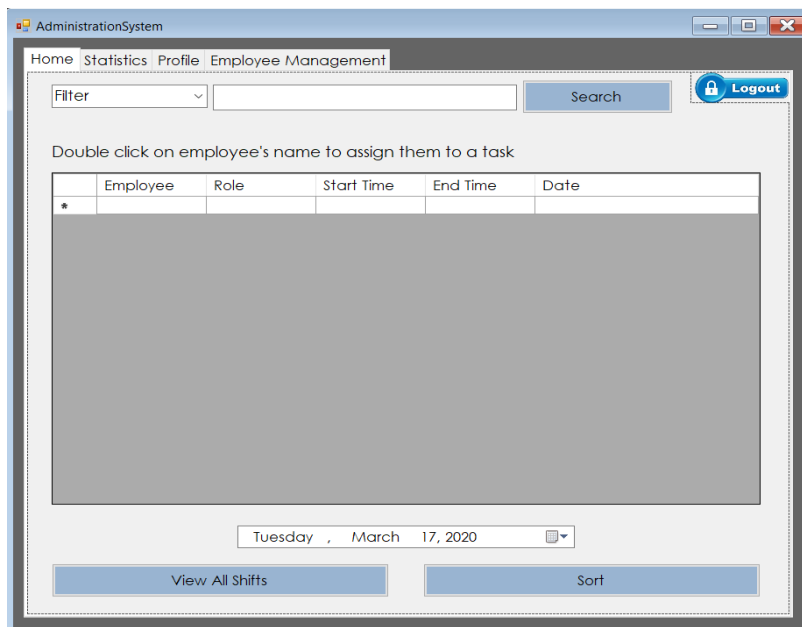


- Employees will only be able to view their work history and different shifts within the department they're employed.

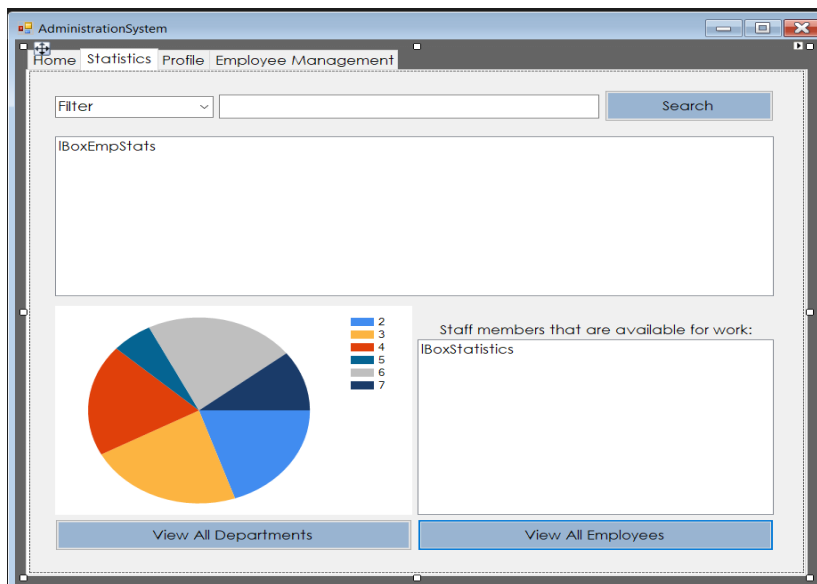


- The employee can view their profile or choose to update personal information by filling in the textboxes and clicking update profile.

GUI (Administration System)

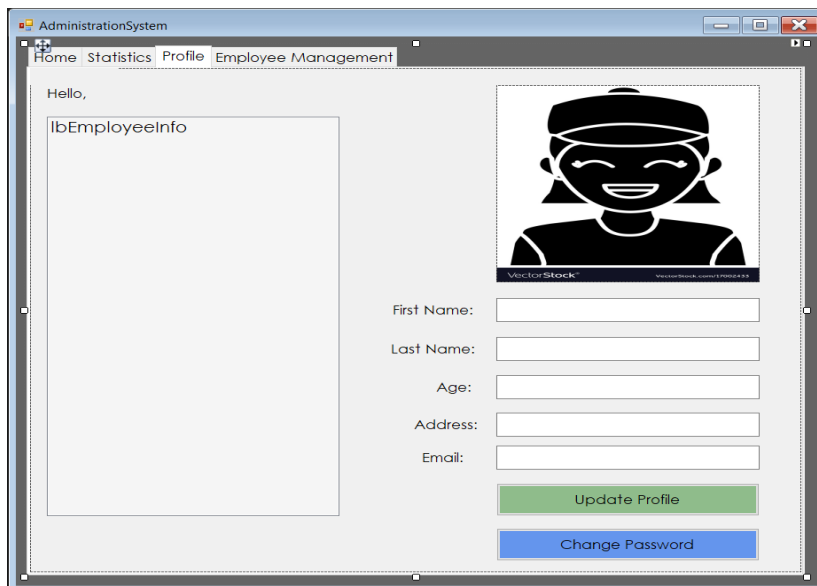


- After the manager logs in, they will get an overview of the schedule. As manager, they would be able to view all work shifts, sort table or assign an employee to a shift.

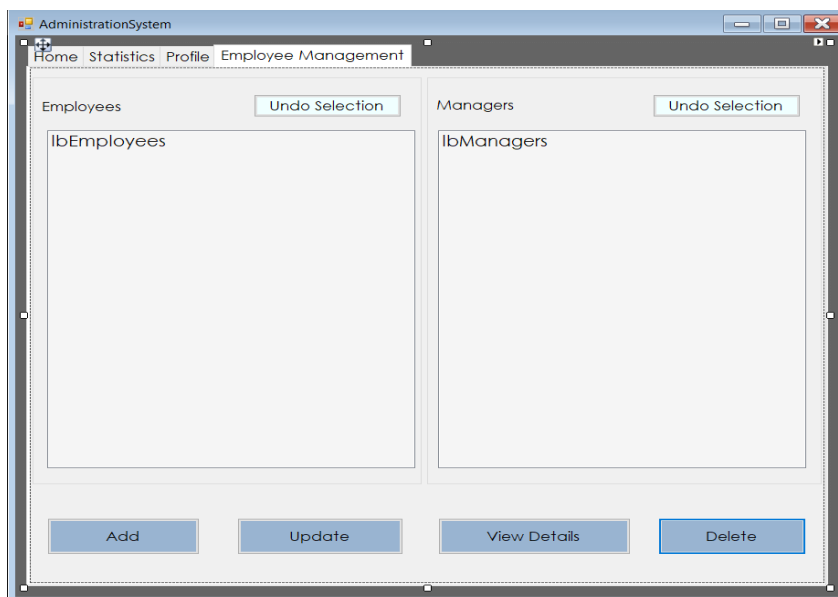


- Managers will be able to view all departments, all employees and get an statistical overview of all data.

GUI (Administration System)

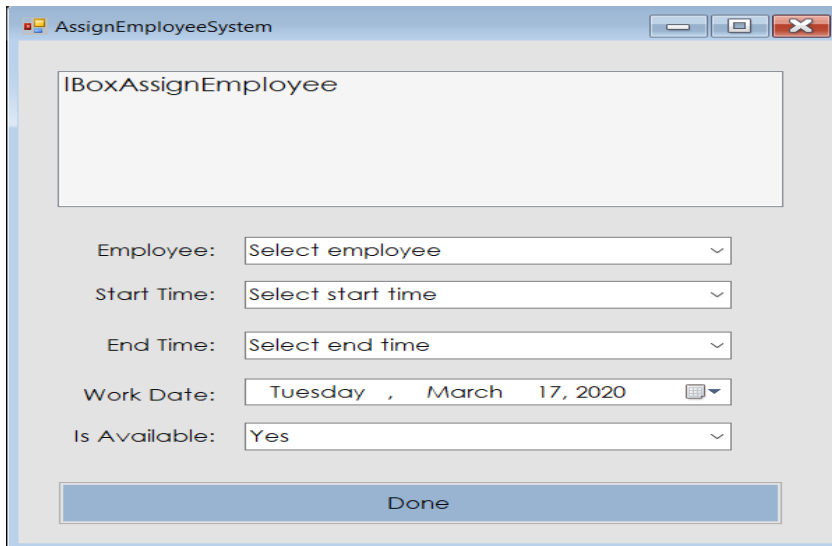


- Managers will be able to view and update their profile on the Profile tab.



- On this page, managers can add, view, update or delete employees from the system.

GUI (Administration System)

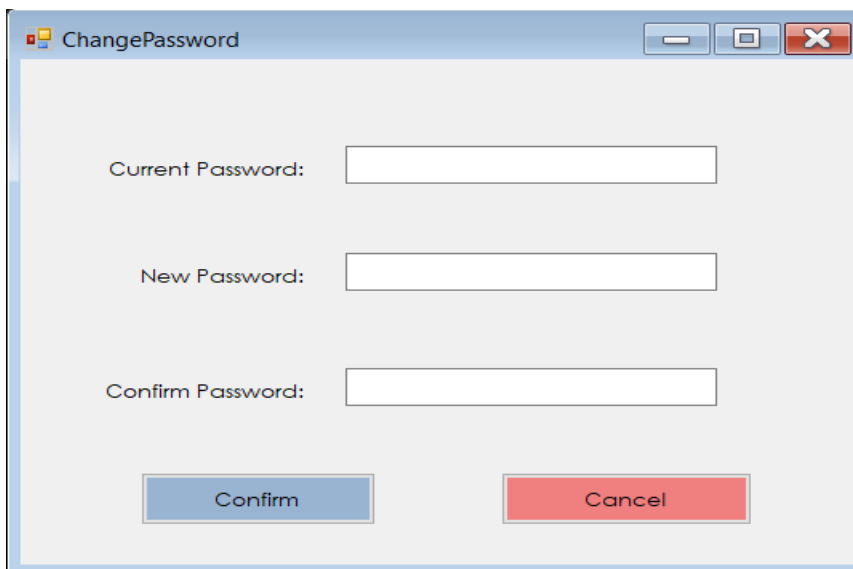


The screenshot shows a window titled "AssignEmployeeSystem". Inside the window, there is a large empty rectangular box at the top labeled "IBoxAssignEmployee". Below this box, there are five rows of form fields, each with a label and a dropdown menu:

- Employee: Select employee
- Start Time: Select start time
- End Time: Select end time
- Work Date: Tuesday , March 17, 2020
- Is Available: Yes

At the bottom of the window, there is a blue button labeled "Done".

- When a manager chooses to assign an employee, this form will be displayed.



The screenshot shows a window titled "ChangePassword". Inside the window, there are three rows of form fields, each with a label and a text input box:

- Current Password:
- New Password:
- Confirm Password:

At the bottom of the window, there are two buttons: a blue button labeled "Confirm" and a red button labeled "Cancel".

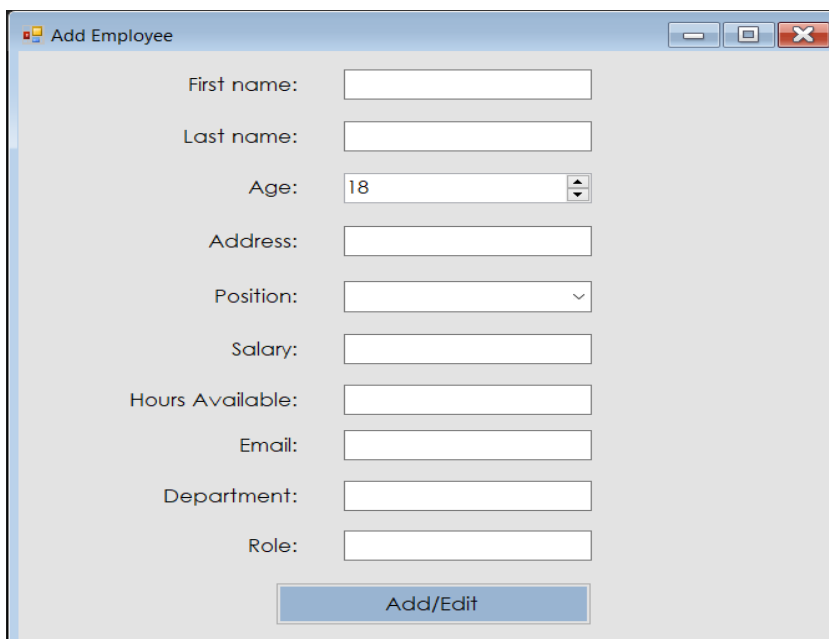
- This form will be displayed when manager wants to change a staff member's password.

GUI (Administration System)



A screenshot of a Windows-style window titled "Employee Details". The window has a standard title bar with minimize, maximize, and close buttons. The main content area is light gray and contains the following labels stacked vertically: "First name:", "Last name:", "Age:", "Address:", "Position:", "Salary:", and "Hours Available:". Each label is followed by an empty text input field.

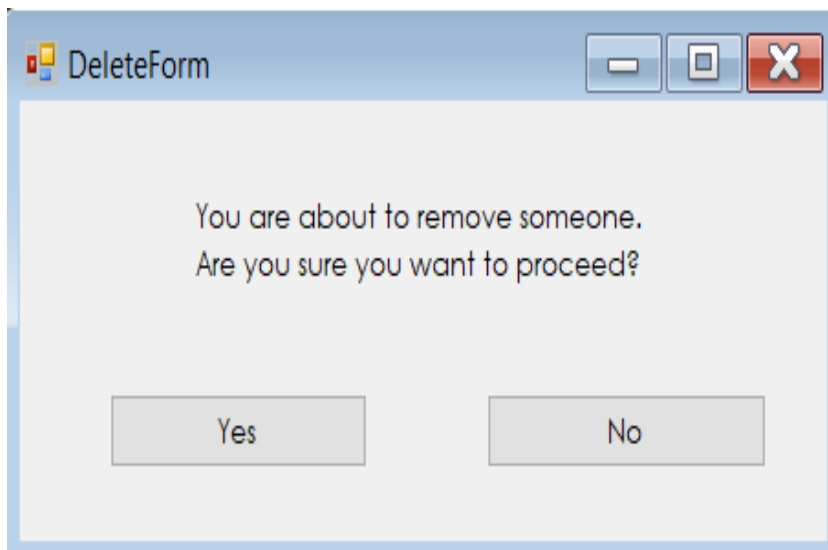
- Managers will be able to view personal information of employees; this can be done when clicking view details button on the employee management tab.



A screenshot of a Windows-style window titled "Add Employee". The window has a standard title bar with minimize, maximize, and close buttons. The main content area is light gray and contains the following labels stacked vertically, each followed by an input field: "First name:", "Last name:", "Age:" (with a spinner control showing the value 18), "Address:", "Position:" (with a dropdown arrow), "Salary:", "Hours Available:", "Email:", "Department:", and "Role:". At the bottom center of the window is a blue button labeled "Add/Edit".

- When managers decide to add an employee, this form will be displayed. Behind the scenes a schedule will be automatically created as well.

GUI (Administration System)



- When deleting an employee or firing an employee, this form will be displayed to make sure that the manager does not fire an employee by mistake.