Instructions

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This system provide two user interfaces:

Authorized User (**HR Manager**, **General Manager**)

Unauthorized User (every other employee)

By entering User ID in the login menu (first menu) the system provides you the matching Menu for your authorizations

By entering '0' at any time You will go to the previous menu or exit the program if your are at the first menu.

You can start the program with example data in the first menu by pressing '1' at the first menu displayed, else, to continue press any other digit.

If you press '1' and initialize example data the system will initialize with the following employees:

Name: Yanay

ID: 312174295

Bank Account: 12345

Salary: 1000

Sick Days: 30

Study Found: 500

Days off : 30

Roles: General Manager

Date of hired : The current Date your are running the program

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Name: Nitzan

ID: 205952971

Bank Account: 12345

Salary: 1000

Sick Days: 30

Study Found: 500

Days off : 30

Roles: HR Manager

Date of hired : The current Date your are running the program

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Name: Dana

ID: 123456789

Bank Account: 12345

Salary: 1000

Sick Days: 30

Study Found: 500

Days off : 30

Roles: Cashier

Date of hired : The current Date your are running the program

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Name: Dana

ID: 123456789

Bank Account: 12345

Salary: 1000

Sick Days: 30

Study Found: 500

Days off : 30

Roles: [Cashier, Cleaner]

Date of hired : The current Date your are running the program

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Name: Dafna

ID: 987654321

Bank Account: 54321

Salary: 10000

Sick Days: 30

Study Found: 500

Days off : 30

Roles: [Storage, Watcher]

Date of hired : The current Date your are running the program

Also, Dana and Dafna are assign to shift at the date of tomorrow (the day after the day you are currently running the program)

Yanay and Nitzan are authorized users, e.g. they will have managers menus while Dana and Dafna would have a regular employee's menu

Login Menu

Enter User Id to access to the system by user authorization

Manager Main menu

1) Employees Menu – access functionality to employees data
2) Shifts Menu – access Shift data and functionality

Manager Employee menu

1) Add new employee to the system
2) Update or edit existing employee

Manager edit employee menu

1) Update employee name
2) Update employee bank account
3) Update employee's salary
4) Update employee's sick days
5) Update employee's study found
6) Update employee's days off
7) Update employee's Role

Manager shifts menu

1) Choose shift by day – enter an Year Month and Day
2) Choose shift from future shifts
3) Generate 1 week shifts forward

Manager Choosing a shift by a date menu
- First extracting the shift

1) Assign employee – Assign employee to the chosen shift
2) Get employee preferences
3) Close shift – When a shift considered close, Changes Cant's be made. Also, shift cant be close if there is no shift manager.
4) Open shift
5) Get shift's status – Show if the chosen shift is open or close
6) Get assigned employees – show all the employees that assigned to the chosen shift

Manager choose a shift from future shifts

1) This week's shifts – showing this week shifts
2) Next week shifts

Employee Main menu

1) Show all my information – Showing all the data stored by the system about this employee.
2) Show my preferences for a shift
3) Apply preferences for a shift
4) Show colleagues whom work with me in a shift

Changes that have been made in the design of the system

Presentation layer

- We added CLI controller – because we understood that we didn't include it at the previous model

- CLI : we added the following fields:

  String userID – so we keep track after the logged in user
  Scanner scanner – for getting IO from user