

Employee Management System

OOM Project

Introduction :

Our application “Employee Management System” is designed to keep track of employee details and perform certain necessary functions.

It can be used by the employees as well as the admin.

Currently the application supports 2 different user profiles i.e.

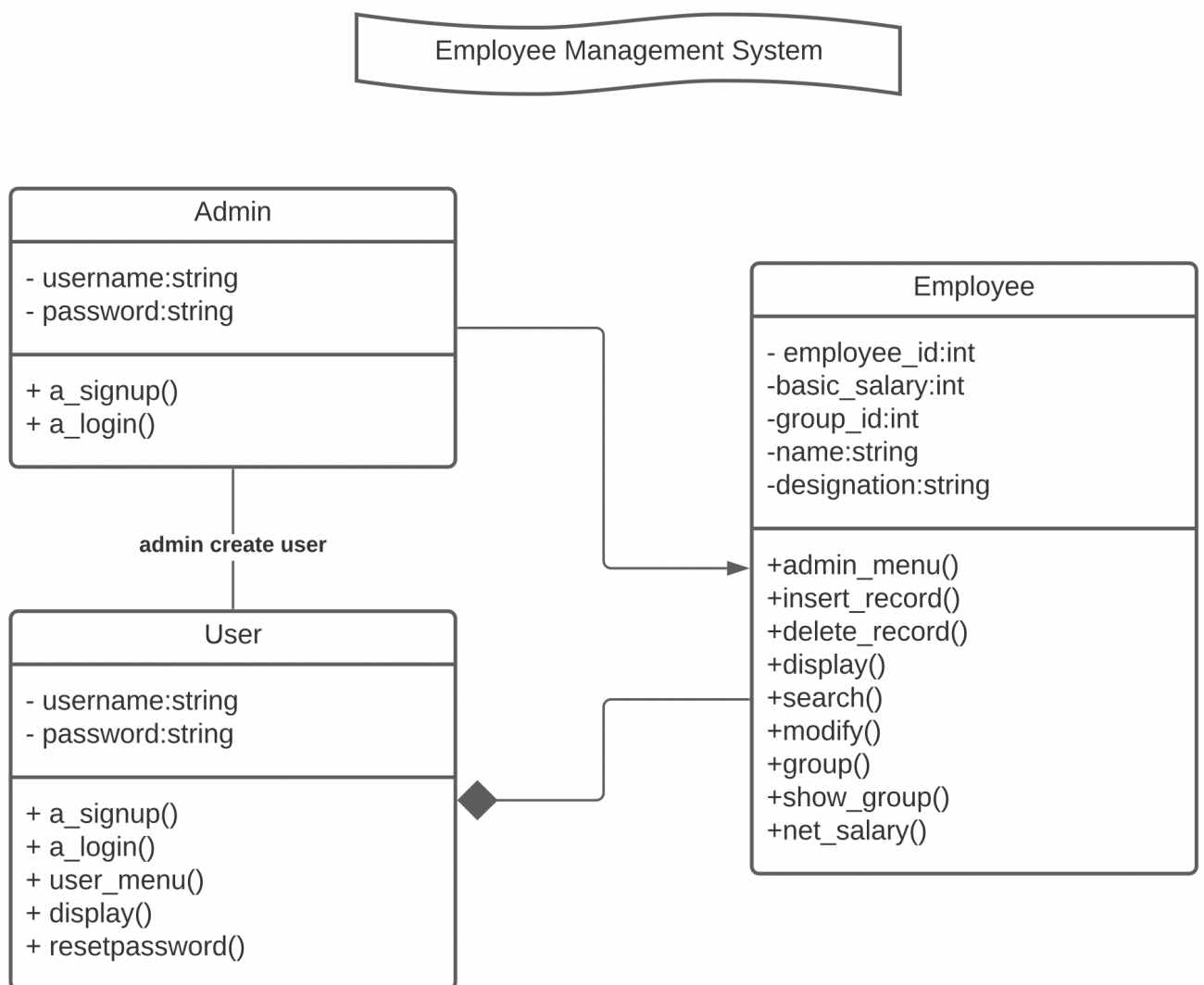
- Employee user
- Admin user

The application features allow users to sign up and keep a track of details with respect to employees and admin such as (for admin): to add new employees, set up employee Group ID, to insert and display records etc.

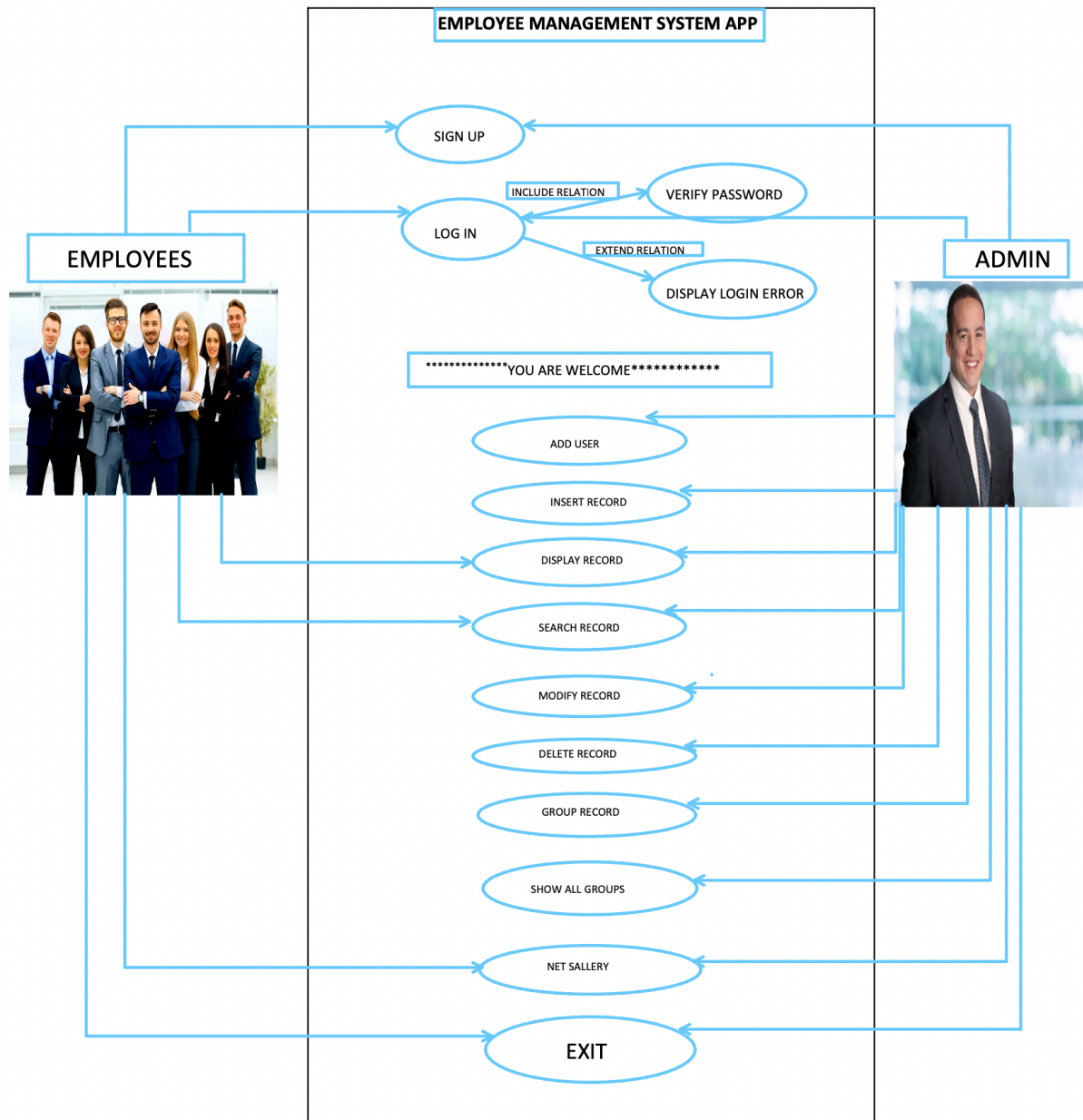
Requirements :

- To build a software which allows users to have systematic records of Employees and their details.
 - Allowing the user to select the profile they are interested in.
- Making a menu to give the user the choice of profile.
 - Taking input from user based upon his/her selected profile ◦ Performing the respective tasks.
- Storing the record data and displaying the record whenever required.
 - Allowing users to access the details of Employees..

Class Diagram :



Activity Diagram :



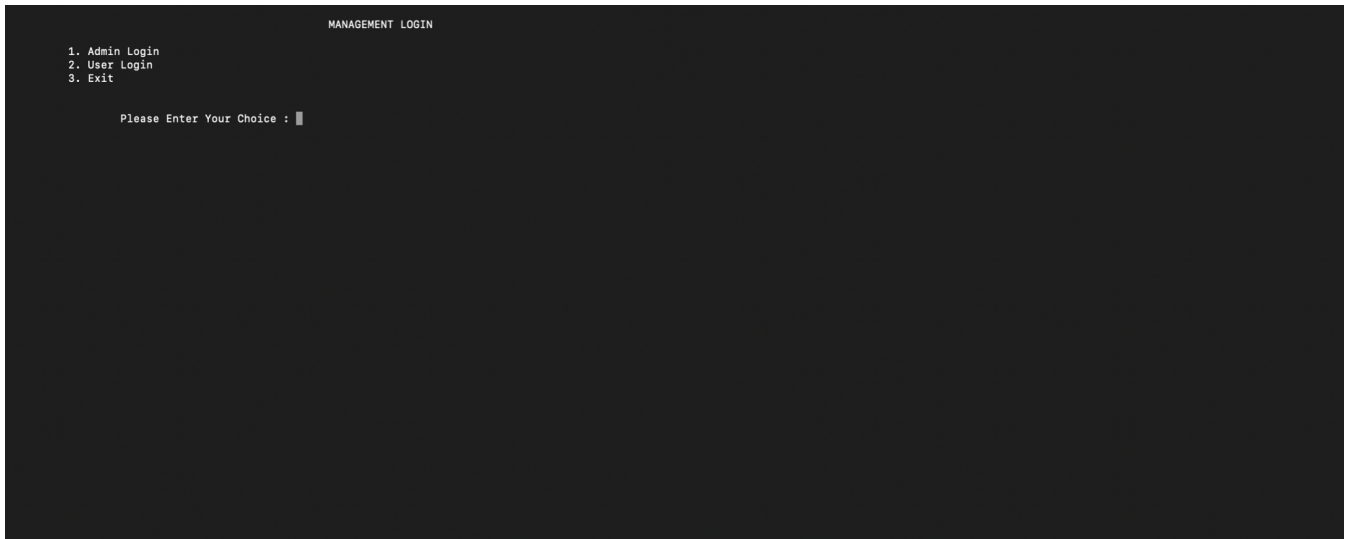
Working :

Here is detailed working of our program.

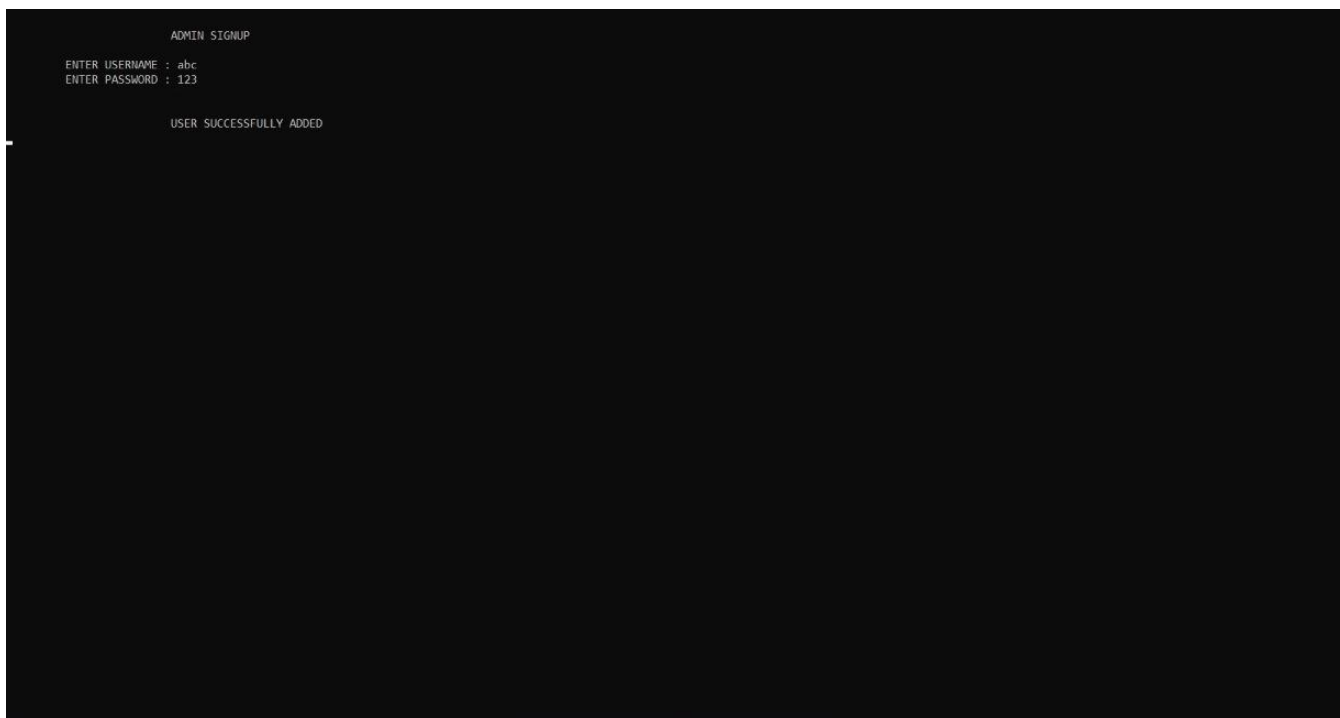
- user.h and user.cpp
 - Contains class **User** : has user menu,signup, login,reset password and display fields to perform functions like Display the user menu (all the available functions to perform), sign up for new user, to log in and perform tasks which can only be done when user is logged in, reset or change the current password and display current record.
- admin.h and admin.cpp
 - Contains class **admin** : has sign up and login only. When we use the application for the first time, it'll ask the admin to signup and then only the admin can login to the system.
- Employee.h and Employee.cpp
 - contains class **Employee** : has admin menu to view all the available options to the employee,to insert record, display the records, search for any particular record as program itself make sure to provide unique IDs to Employees ,to modify any record, delete the record(s), to display all the group records, to enter net salary.
- **main.cpp** : It carries out the overall functionalities of the program at the run-time.
 - Program takes input from user to decide upon the profile they want and then accordingly assigns new object of same type.
 - The options are displayed with the functionalities of the selected profile which are carried out by function of the classes Admin and User.
 - Once the tasks are completed, the user can then exit the program.

Screen-shots of the Program :

Management Login



Admin Sign up



Admin Login and Control Panel(for admin)

```
ADMIN LOGIN

Enter Username : abc

Enter Password : 123


Control Panel

1. Add User
2. Insert Record
3. Display Record
4. Search Record
5. Modify Record
6. Delete Record
7. Group Record
8. Show All Groups
9. Net Salary
10. Exit

Please enter your Choice : █
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Management Login,User Login and Control Panel(for employee)

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MANAGEMENT LOGIN

1. Admin Login
2. User Login
3. Exit

Please Enter Your Choice : 2


USER LOGIN

Enter Username: ab

Enter Password: 12


Control Panel

1. Display Record
2. Reset Password
3. Exit

Please Enter Your Choice : █
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