

Date: 21-01-2022

Subject: DSA

FUMIGATION SYSTEM



Presented To:

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MENU

Main Menu:

```
*****
|                                     |
|                               Welcome to Fumigation system |
|                                     |
| *****      Home Page MENU      ***** |
|                                     |
| 1)Login                          |
| 2)Sign up                        |
| 3)Forgot Password                |
| 4)Contact Us                     |
| 5)Disclaimer                      |
| 6)Exit                           |
|                                     |
| Enter your choice:                |
|                                     |
|*****
```

Login Menu:

```
*****
|                                     |
|                               Login Page |
|                                     |
| *****      Login MENU      ***** |
|                                     |
| 1)Login as Admin                 |
| 2)Login as Moderator             |
| 3)Login as user                  |
| 4)Back to Home Menu              |
| 5)Exit                           |
|                                     |
| Enter your choice:                |
|                                     |
|*****
```

Signup Menu:

```
*****
|                                     |
|                               Sign Up Page |
|                                     |
| *****      Sign Up MENU      * |
|                                     |
| 1)Sign Up as executive           |
| 2)Sign Up as user                |
| 3)Back to Home Menu              |
| 4)Exit                           |
|                                     |
| Enter your choice:                |
|                                     |
|*****
```

Signup As Admin:

```
*****
|                                     |
|               Sign Up Page         |
|                                     |
| Note: Enter Username and Password |
| without space                      |
| Password should be minimum 8 character and maximum 10 characters long |
| While Username should be minimum 2 and maximum 15 characters long |
|                                     |
|*****|
|
| Please set a Username :Mujtaba
|
| Please set a Strong Password:12345678
| Please Enter Key: 203078
|
|
| Press Enter to continue.....
|
|*****|
```

There is a **KEY** for signup as admin. This will only know Admin or Programmer. This is for security reasons because if we don't set this key, then every one can become admin by delete admin file and signed up.

Security Reason We asked for Mother Name:

```
*****
|                                     |
|               Security Question    |
|                                     |
| Note:Security Question will help  |
| you to reset your password if you |
| forgot                             |
| Please Enter name as: "abcd xyz"  |
| where abcd is first name and xyz  |
| is last name or just press enter  |
| after each name (first and last)  |
| if you Enter any other name with |
| as well like "abcd xyz lmn" than |
| "lmn" will be neglected .
|                                     |
|*****|
|
| Q: What is your mother "First Name" and "Last name" ?
| Ans: Raziya Bibi
|
|*****|
```

This will help you in recover your password. If you forget your password.

The Program will not work if there is no Admin.

```
ERROR 404

No admin found

Press Enter to continue.....
```

You can't sign-in if there is no Admin, You also can't sign-up as Moderator or User.

Sign in as Admin Menu:

```
*****
|
|                                     Fumigation System
|
*****

1)Moderator Requests
2)Delete All Moderator Requests
3)Accept All Moderator Requests
4)All Moderators Data
5)Delete Moderator
6)Fumigated Users Data
7)Sign Out
8)Exit
```

Functions:

- In this project we use Singly linked list to fetch data from file into list,
- File Handling is also used in saving accounts, requests etc.
- Menus (Sign-in, Sign-up, etc.)
- Security is also kept in mind we try to use best security.
- Classes are also used.
- Forget System is also Created.
- Description