

# **EINSTEIN**

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**Course Name : Python Mini Project**

**Department : Information Technology (IT)**

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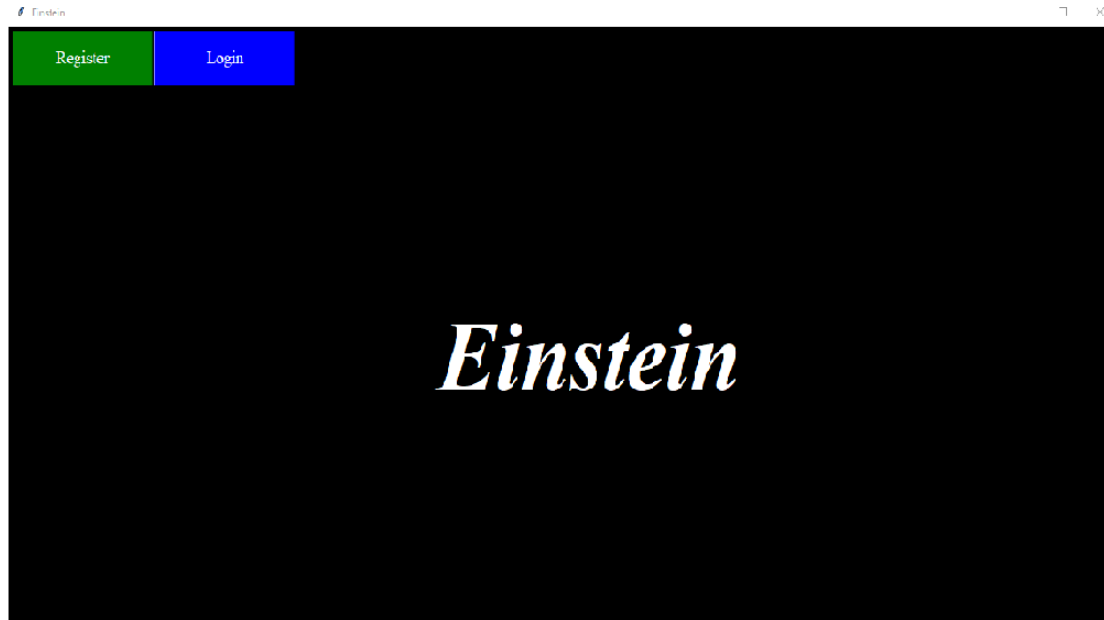
# Einstein

This project is a society based project .It helps us to post various problems faced in our society and it will find out the solution for the given problem. The problem can be related to anything eg. Education related, travel related, harassment etc.

## IMPLEMENTATION:

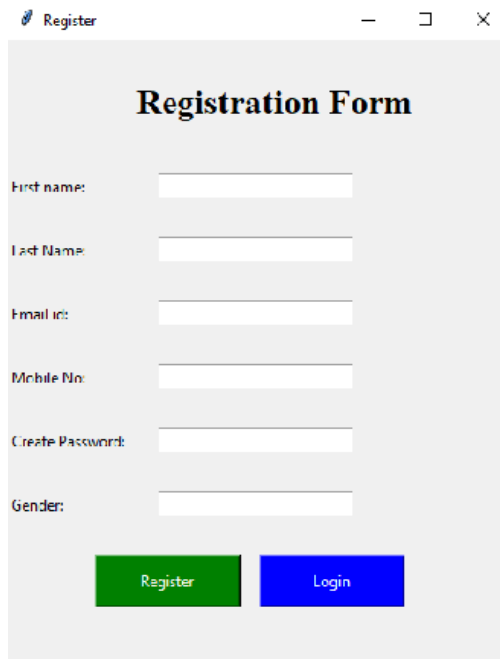
### 1.HOME PAGE:

- YOU CAN LOGIN AS A USER AND POST PROBLEMS.
- IF NOT REGISTER YOU CAN REGISTER TO USE THE WEBSITE.



### 2.REGISTRATION PAGE

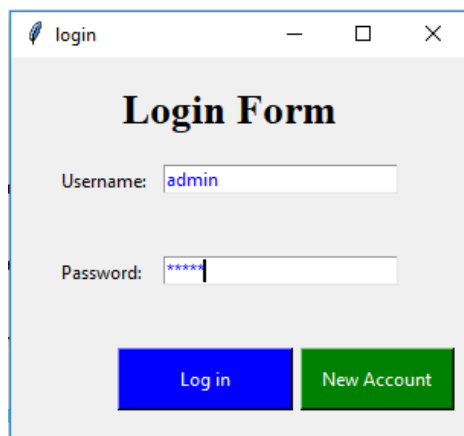
- USER CAN REGISTER THEIR INFORMATION IN THIS PAGE WHICH WILL HELP THEM TO LOGIN.



The screenshot shows a web browser window with the title 'Register'. The page contains a 'Registration Form' with the following fields: 'First name:', 'Last Name:', 'Email id:', 'Mobile No:', 'Create Password:', and 'Gender:'. Each field is followed by a text input box. At the bottom of the form, there are two buttons: a green 'Register' button and a blue 'Login' button.

### 3.LOGIN PAGE

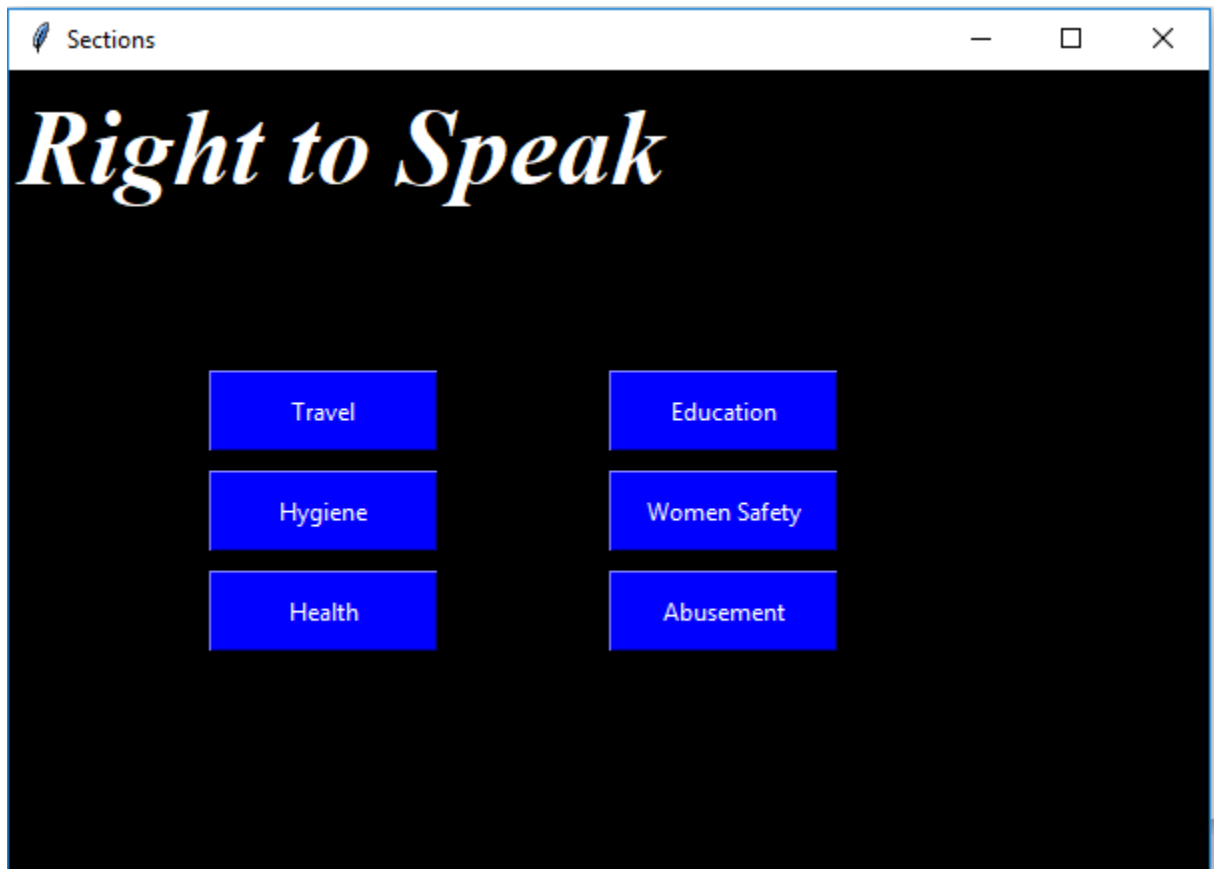
- USER CAN LOGIN AND POST THEIR PROBLEMS.
- IT IS POSSIBLE IF REGISTERED EARLIER.



The screenshot shows a web browser window with the title 'login'. The page contains a 'Login Form' with the following fields: 'Username:' and 'Password:'. The 'Username' field contains the text 'admin'. The 'Password' field contains five asterisks '\*\*\*\*\*'. At the bottom of the form, there are two buttons: a blue 'Log in' button and a green 'New Account' button.

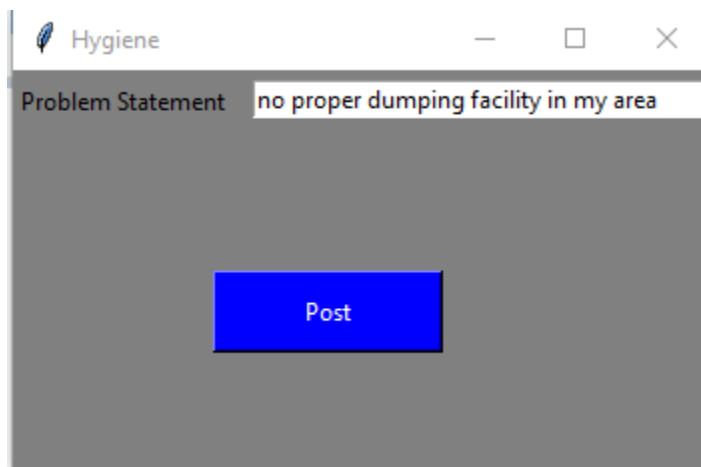
#### 4.CHOOSE THE CATEGORY OF PROBLEMS

- THE USER HAVE TO CHOOSE THE SECTION IN WHICH THEY ARE FACING PROBLEMS.
- THEY CAN SELECT THE CATEGORY TO FIND SOLUTION.



#### 5.POST PROBLEMS

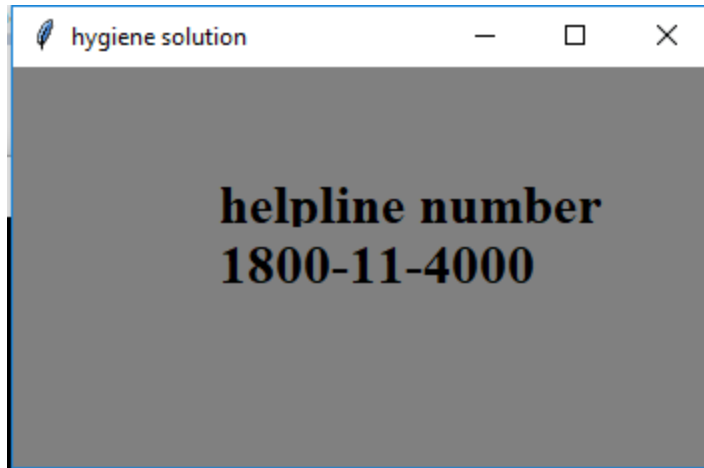
- HERE THE USER CAN POST THE PROBLEM FACED .



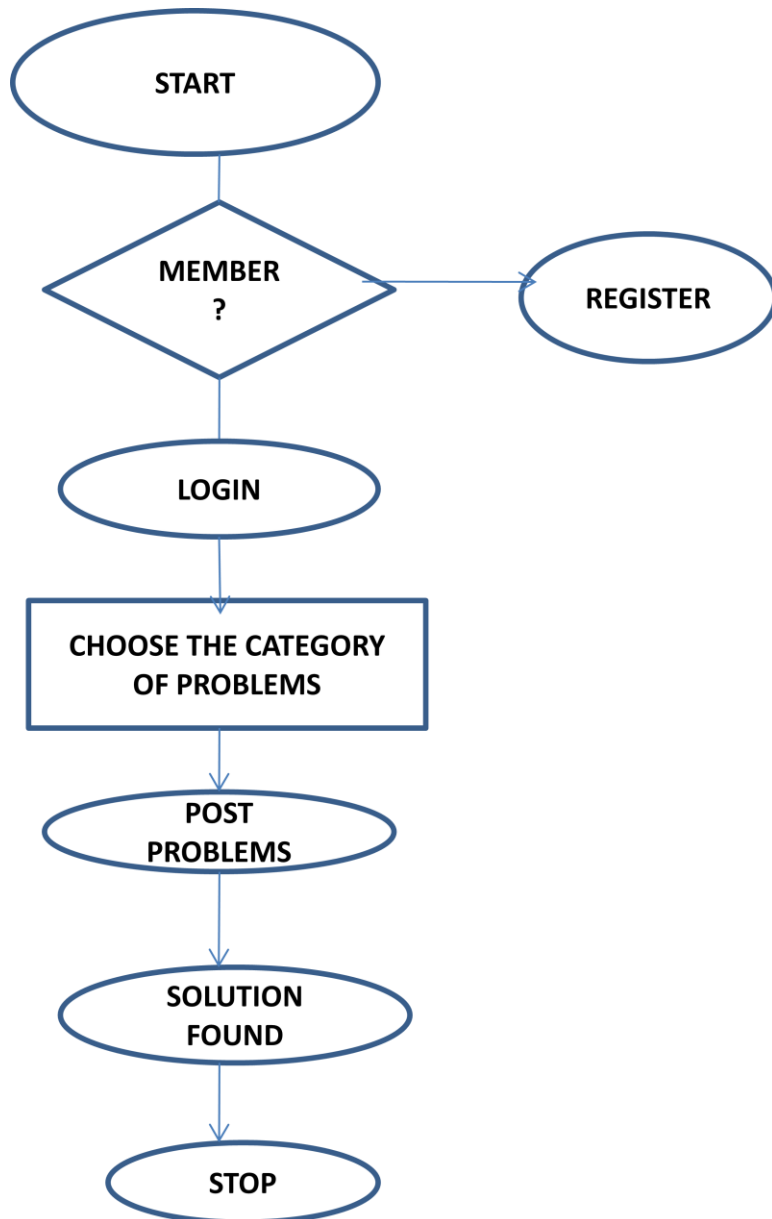
#### 6. SOLUTION ARE PROVIDED

- HERE THE USER FINDS ALL THE SOLUTION OF THE PROBLEMS.





## Process Flow Diagram :



## Packages Used:

The **Tkinter** module (“Tk interface”) is the standard Python interface to the Tk GUI toolkit from [Scriptics](#) (formerly developed by Sun Labs).

Both Tk and Tkinter are available on most Unix platforms, as well as on Windows and Macintosh systems. Starting with the 8.0 release, Tk offers native look and feel on all platforms.

Tkinter consists of a number of modules. The Tk interface is provided by a binary extension module named **\_tkinter**. This module contains the low-level interface to Tk, and should never be used directly by application programmers. It is usually a shared library (or DLL), but might in some cases be statically linked with the Python interpreter.

The public interface is provided through a number of Python modules. The most important interface module is the **Tkinter** module itself. To use Tkinter, all you need to do is to import the **Tkinter** module:

## Basic Tk Application

```
import Tkinter
    root = Tkinter.Tk()
    # set up your interface, then run it with:
    root.mainloop()
```

## Geometry Management

### The Packer

```
pack(side="top/right/bottom/left", expand=0/1, anchor="n/nw/w...", fill="x/y/both")
```

- By default, widgets are centered within a parcel; use anchor to change this.
- By default, widgets do not grow to fill the parcel; use expand and fill to change this.

### The Gridder

```
grid(row, column, rowspan=?, columnspan=?, sticky="news", ipadx=?, ipady=?,
padx=?, pady=?)
```

```
columnconfigure(row, weight=?, minsize=?, pad=?)
```

```
columnconfigure(column, weight=?, minsize=?, pad=?)
```



## **Learning from mini project:**

- To use tkinter for gui designing.
- To have database connectivity using mysql.
- To learn various packages available in python.
- Various database available for python.