

SMART CITY PROJECT

Smart City is a application based software developed in Java programming language to store the details of a city. The main purpose of this project to help the tourists and other visitors to the city by providing information about hotels, city attractions, etc.

Everyday a large number of people are coming to all the cities seeking job, higher studies, tourism, etc. Initially all the system of the city are unknown to the new comers of the city. They don't know much about booking hotel, transportation, shopping, etc. But implementation of Smart City Java Project provides the complete solution package for new comers. One can see all the necessary information about city through this application.

OBJECTIVES

Using this project, the details of city can be accessed from anywhere at any time. With the help of this application software, students can look for the academic institutes located in the city.

To provide GUI interface for the above objectives.

LIST OF CLASSES

- Admin:- It is class which deal with Function like update city, add city, remove city.
- Login:- It has attributes userid and password of string datatypes. It has method of student login, Tourists login, change password.
- Person:- It is base class of student and Tourists and having attributes first name, last name, address, and mobile number and method get data and set data.
- Student:- It is a class which will use login class and have method of view college and view library
- Tourist:- It is a class which will use login class and have method of view hotels and view city guide.
- Registration:- It is class where user needs to provide registration details to sign up and has a relationship with person.

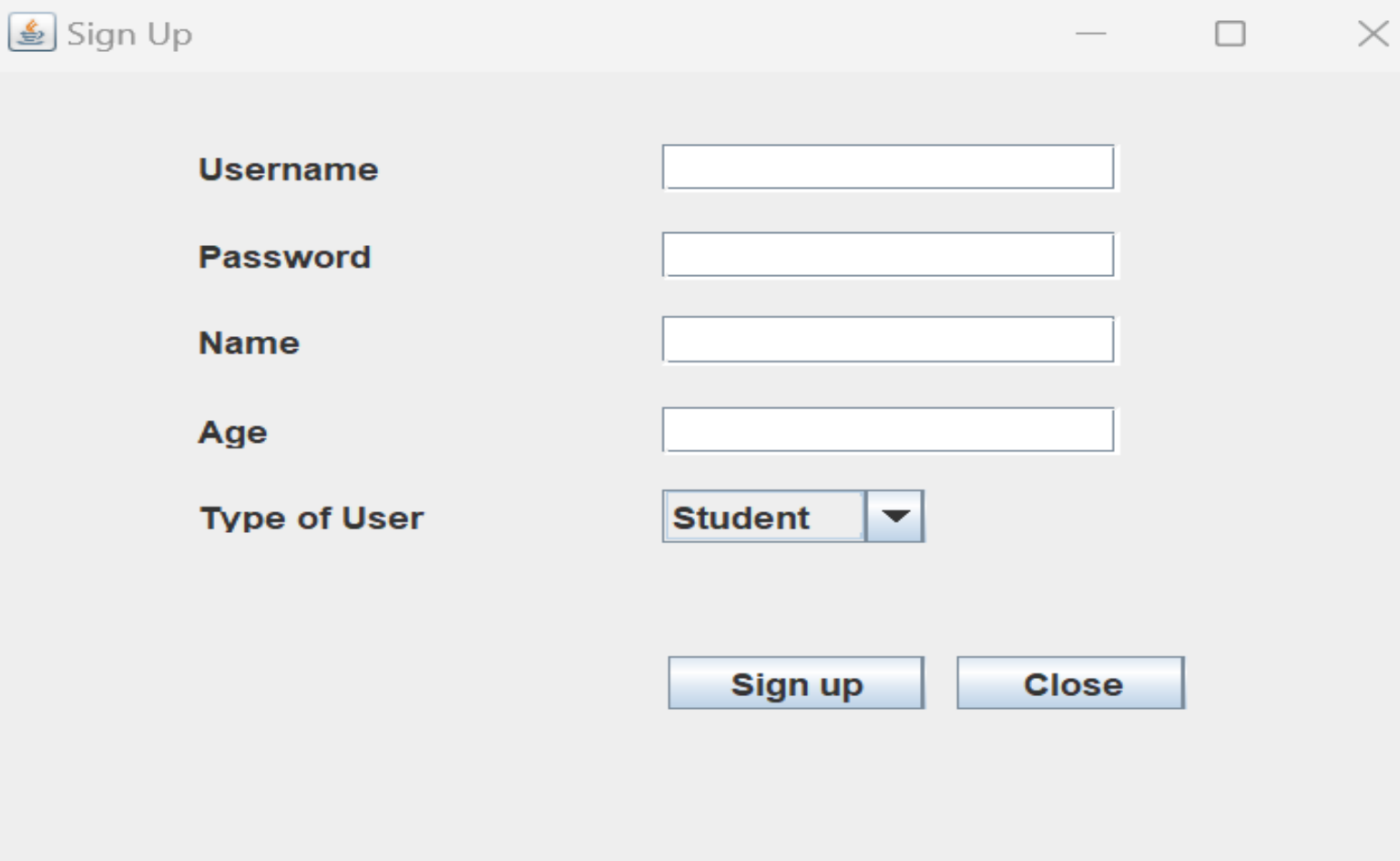
LIST OF CLASSES

- Hotel:- It is class which has attributes name, description, and method display data and update data.
- College:- It is class which has attributes name, description, and method display data and update data
- Tourist attractions:- It is class which has attributes name, description, and method display data and update data
- Library:- It is class which has attributes name, description, and method display data and update data.

GUI INTERFACE



SIGN UP:



Sign Up

Username

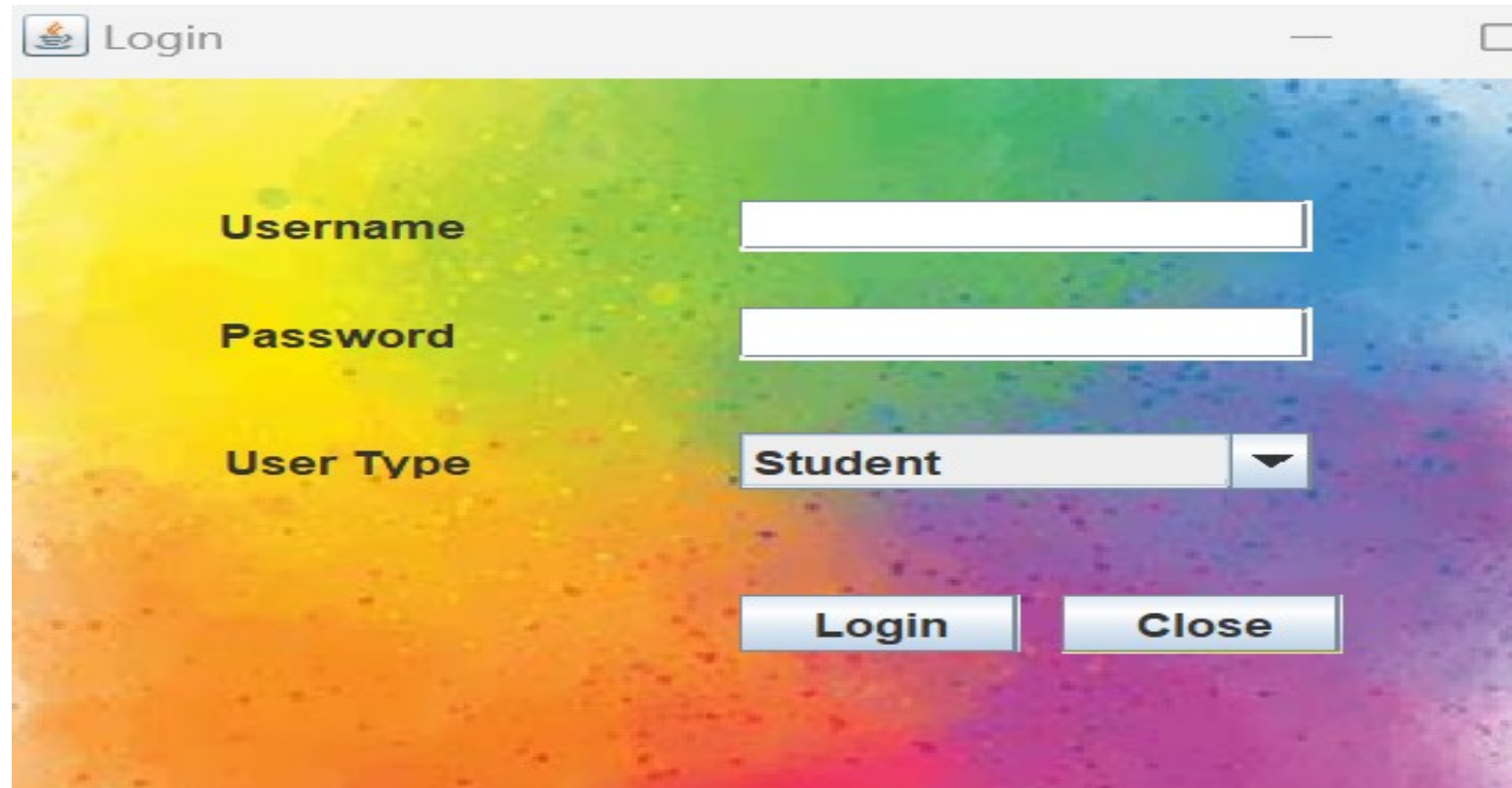
Password

Name

Age

Type of User Student ▼

LOGIN :



Login

Username

Password

User Type ▼

Login **Close**

ADMIN:



Admin Login

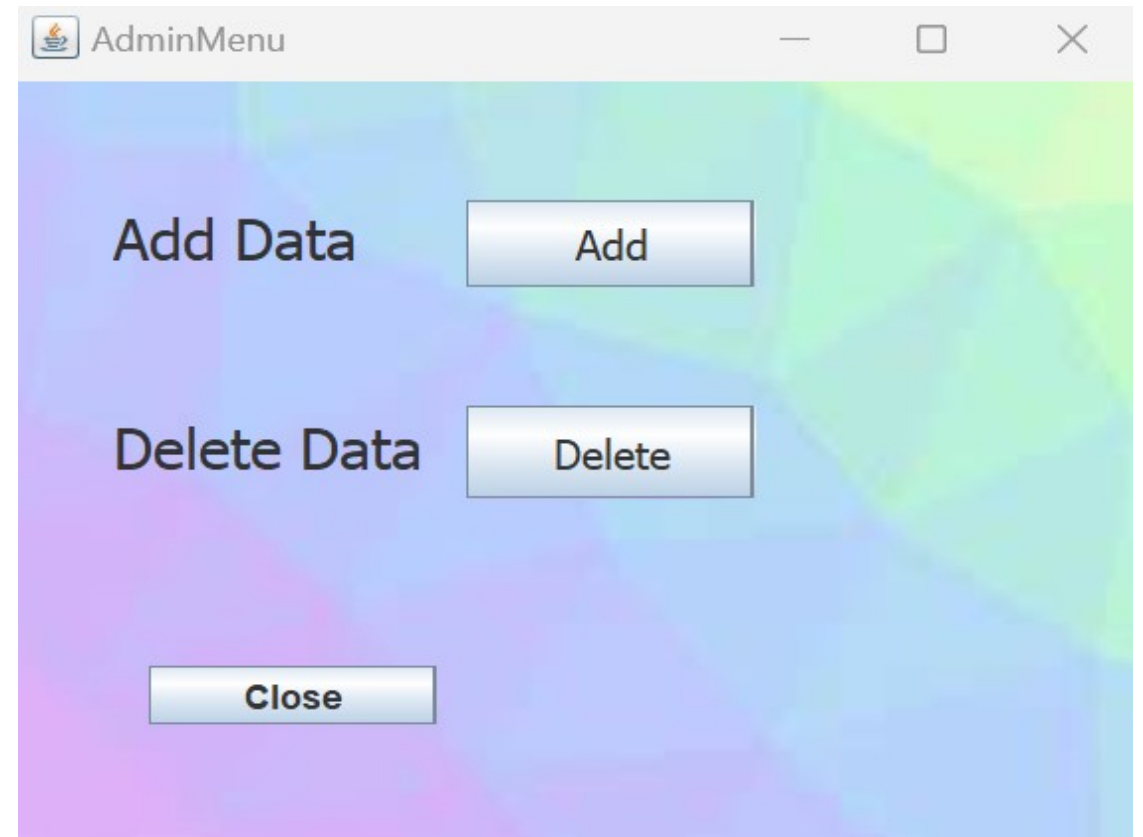
Username

Password

Login

Close

The Admin Login window features a stylized cityscape background with various buildings, a lighthouse, and wireless signal icons. The title bar includes a Java icon and the text 'Admin Login'. The form contains two input fields for 'Username' and 'Password', followed by 'Login' and 'Close' buttons.



AdminMenu

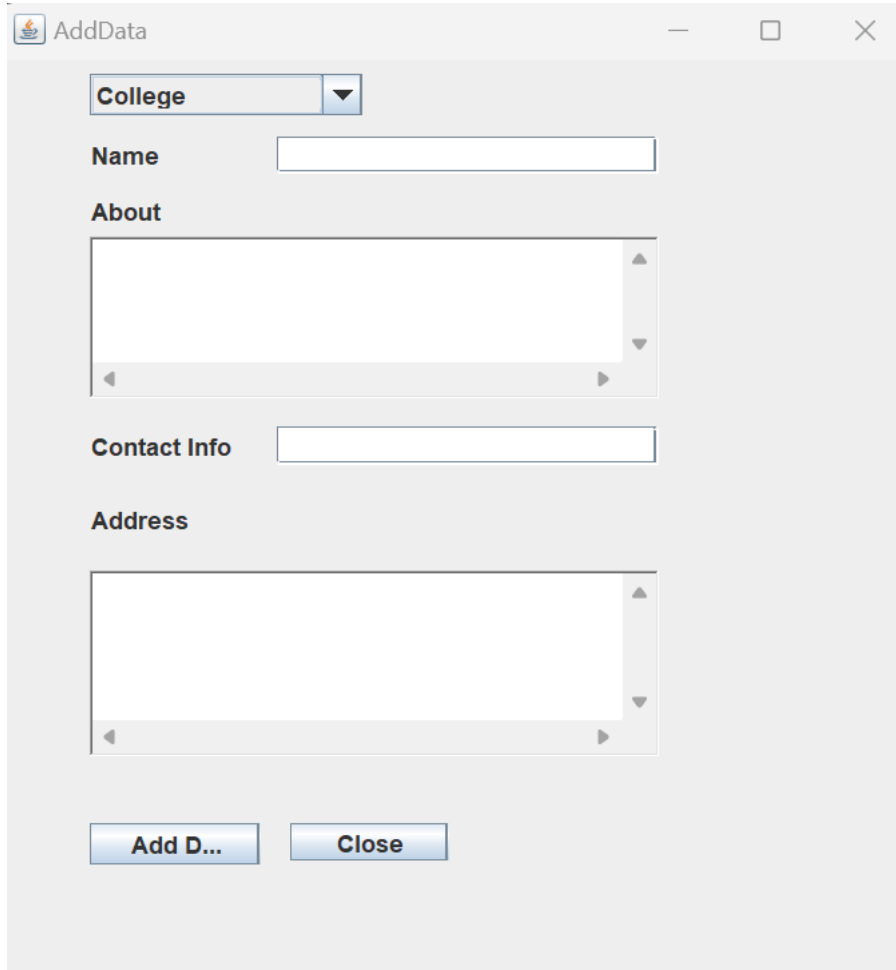
Add Data

Delete Data

Close

The AdminMenu window has a colorful, abstract background. The title bar includes a Java icon and the text 'AdminMenu'. The interface consists of three buttons: 'Add' next to 'Add Data', 'Delete' next to 'Delete Data', and a standalone 'Close' button at the bottom.

ADD,DELETE DATA:



A screenshot of a Java Swing window titled "AddData". The window has a light gray background and standard window controls (minimize, maximize, close) in the title bar. It contains several input fields: a "College" dropdown menu, a "Name" text field, an "About" text area, a "Contact Info" text field, and an "Address" text area. At the bottom, there are two buttons: "Add D..." and "Close".

College

Name

About

Contact Info

Address

Add D... Close



A screenshot of a Java Swing window titled "DeleteData". The window has a light gray title bar and a colorful, cartoonish cityscape background. It contains four sections, each with a dropdown menu and a "Delete" button: "College", "Library" (with "Ipu" selected), "Tourist Attraction...", and "Hotels" (with "rn" selected). At the bottom, there are two buttons: "Delete" and "Close".

College

Delete

Library

Ipu

Delete

Tourist Attraction...

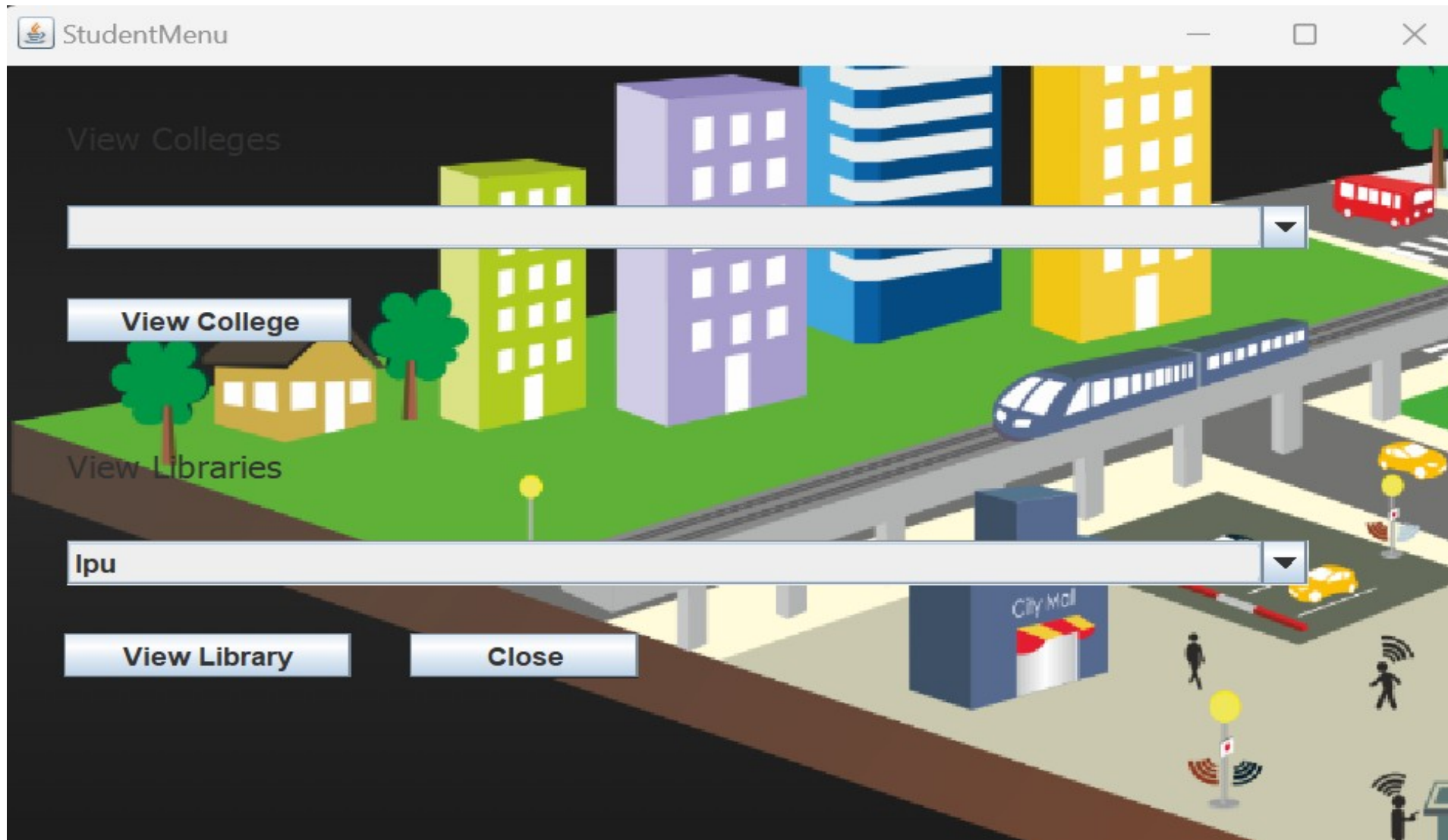
Delete

Hotels

rn

Delete Close

STUDENT MENU:



TOURIST MENU:

