**Administrator Home Page**

addAttraction ()

addColleges ()

addIndustry ()

addLibrary ()

addHotel ()

addPark ()

addZoo ()

addMuseum ()

addMall ()

addRestaurant ()

updateCityMap ()

Inherited methods:

attractions(userType)

search(userType)

viewCityInfo(userType)

**Businessman Home Page**

Inherited methods:

attractions(userType)

search(userType)

viewCityInfo(userType)

**Tourist Home Page**

Inherited methods:

attractions(userType)

search(userType)

viewCityInfo(userType)

**Student Home Page**

Inherited methods:

attractions(userType)

search(userType)

viewCityInfo(userType)

**Attractions**

userType: String

attractions(userType)

**Search**

search(userType)

**CityInfo**

viewCityInfo (userType)

**Login Page**

logIn ()

logOut ()

userName: String

passWord: String

signUp ()

userType ()

email: String