Client Requirements

General

Three main account types: Students, tourists, businessmen.

Each type has different relevant content displayed upon logging in.

Dependant upon account type limited information about other users can be viewed. (possibility to be interpreted as referring to being able to see the information that other types can see?)

Account type is changeable.

Main page directs users to create an account or log into an existing account.

Also Admins, account created using a separate web page (security flaw?? Different implementation?)

To create an account: User’s name, unique web moniker, and a password.

System must also allow other information: phone number, e-mail address and residential address. However not account requirement.

Functionality

# Admin

An admin account must be created by another admin. Initial admin is only Susan

Administrators must be able to modify the data viewable on the website, adding, removing or changing entries.

i.e. An administrator should be able to create/edit following information in the system.

* Colleges: college name, address, departments and email address
* Libraries: library name, address, phone number and email address
* Industries: industry name, address, industry type and email address
* Hotels: hotel name, address, phone and email address
* Parks: park name, address, phone and email address
* Zoos: zoo name, address, phone and email address
* Museums: museum name, address, phone and email address
* Restaurants: restaurant name, address, phone and email address
* Malls: mall name, address, phone and email address

Admin must also be able to upload a map of the city

# Tourist

Able to view hotels and, city information

# Student

Able to view colleges, libraries, and city information

# Businessmen

Able to view hotels, industries, and city information.

# Design features

* Django Framework (Python)
* Sleek design
* Fast and responsive
* Each user has to provide his/her name, unique username and password
* Two different accounts; **administrator** and **user.**
* Three different profiles; **tourist**, **student** and **businessman**.
* Login and logout with created account.
* Database of all the tourist attractions, universities, etc.
* Database can be updated over time
* Basic web security features (password hashing, resistance to XSS and SQL Injection etc.)
* Can be extended in future to encompass other major cities
* Be able to cater to more requirements in future (bus services, metro, rail etc)
* Each entry in the system can have attached photo
* Users can leave reviews
* Social media integration
* Mobile friendly version.