**Client Requirements List**

* Should be able to create 3 types of accounts, tourist, student, businessman.
* When logging into an account the user can only view that type of accounts information
* Each user can view other account information but only for a limited amount of time per session
* A new user must be able to create one of the previously mentioned accounts
* Existing users should be able to log in with a username and password
* Should be able to navigate page through the browser
* Home page should have a button allowing users to create the 3 types of accounts
* An administrator account should be made through a different web page
* An admin account can only be created by another admin
* Each user must provide, a name, username, and password to create an account
* Each user may be provided the chance to input additional information such as phone number, email address, and residential address.
* Admin account can create and modify information about the city
* An administrator should be able to create 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 should be able to upload map of the city.
* Tourist information includes hotels and city information
* Student information includes colleges, libraries and city information
* Businessman information includes hotels, industries and city information
* System should provide information about other Australian cities
* System should be made in a way that additional information can be added later on i.e city bus services, metro rail, government offices, courier services, travel services, education services, health services, business services etc.

**Developer Feature List**

* A user should only have access to one account of the same name and address, this is to avoid users registering several different accounts with different roles.
* Developers should have access to all tables in relation to the web page and its database, and be able to modify them and/or add tables.
* Developers should also have access to old versions of database, in case a rollback of a system is needed because of unfixable errors.
* A Developer must be able to create admin accounts for the testing of user roles in the system.
* Developers should be able to create reports/charts of the database system, these are made so that the client can understand the data of the system easier.
* When creating an admin account, the username and passwords should not include any characters that are relevant to SQL queries, to avoid sql injection.
* An admin account is created on a separate webpage
* If for any reason the database or website is breached, developers should have access to revoke all permissions from users temporarily.
* Users should only have access to specific information depending on their account type

**Set of Potential Features**