**Team Phoenix - Andrew’s Requirements**

**System requirements**

* Allow four user types (tourist, student, businessman and admin)
* Log in screen
* Sign up process
* Secure storage (security on account data)
* GATCHA system
* Store information on cities
* Show users relevant information based on user type
* Welcome page which allows log-in and sign-up
* When signing up can chose relevant user type
* User types can see information relevant to other user types temporarily (loses data after current session)
* Available on all internet browsers
* Separate page where admin log ins
* Separate data types (college, industries, libraries and hotels are separate from city information)
* City info must be made up of data for parks, zoos, museums, malls, restaurant and city map
* System can also display info about other major cities such as Melbourne, Adelaide, Perth, Canberra etc.
* System can insert new info such as public transport, govt offices, courier services, education, health, business etc.

**Account requirements**

* To create a new account, users **must** use real name, unique username and password to create the account. Users **can** insert phone numbers, email address and residential addresses.
* Accounts can also store the additional data provided in the sign up process should the user wish to provide them
* Admin accounts can only be created by another admin
* Only one admin at the beginning
* Tourist accounts relevant info is hotel and city info
* Student accounts relevant info is colleges, libraries and city info
* Businessman accounts relevant info is hotels, industries and city info

**Admin account requirements**

* Admin account can create and modify data for the city.
* Admins can create information in the system
* New information can only be inserted if admin has following data on each entry
  + 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
* Admins can upload maps of the city on the system