**Entities, relationships, attributes, cardinalities**

Each customer is identified with a unique username and password.

A customer record is set up, where the user decides what type of information they would like to browse, Tourist, Student, or Businessman.

A student can browse information on colleges, libraries and city information.

A tourist can browse information on hotels and city information

A businessman can browse information on hotels, industries and city information.

City information can include parks, zoos, museums, and malls.

Everything a customer can browse, is named an attraction.

All attractions are identified by their corresponding ID, name and, address, except City Information which only has an ID and name.

Admin log-in via the admin portal. They are identified via a unique admin login

Admin can alter information on each attraction, as well as upload maps, and create new users.

Information on attractions is stored in the smart city database, which only the admin can access.

**Specific cardinalities were taken from the Database Map.**