# Student user story

As a student, I can access hundreds of records of geographical data so that I can use accurate data in academic projects.

# Student acceptance criteria

- Is the data up to date?
- How easy is the system to navigate? We need to consider the skill level of the average user; they may not be very technically confident. The interface needs to be clear and obvious.
- They wish to use the data in projects so we need to ensure that the data is open source and can be easily accredited in academic work.

# Data entry professional user story

As a data entry professional, I can enter new data into the geographical database without having to worry too much about how accurately I enter the data because the system should be robust.

# Data entry professional acceptance criteria

Data inconsistency must be avoided.
It should be impossible for administrators to enter duplicate records into the database.

# Researcher user story

As a researcher, I can access data for specific countries, regions, etc so that I can analyse and report on trends, etc.

# Researcher acceptance criteria

- The following information will be available:
  - The population of a continent
  - The population of a region
  - The population of a country
  - The population of a district
  - The population of a city
- The user should be able to easily filter, sort, and search data.

# Citizen user story

As a citizen of a country, I can look up data specific to my area so that I can be informed about my location.

# Citizen acceptance criteria

We should give away country stats 'for free' in the sense that the user does not have to login to access data from their home country. Any further exploration of the database should require a login.

# Member of government user story 1

As a member of the government in a country, I can access population data of my country and other countries so that I can compare and contrast my country's trends against others and use it to inform decision making.

# Member of government acceptance criteria

A logged in user should be able to access all data in the database, including that of other countries.

# Member of government user story 2

As a member of the government in a country, I can request access to update data relating to my country.

# Member of government acceptance criteria

- The process to change data in the database must include authentication of the person requesting access to avoid incorrect data being added.
- The role of admin must be managed by unbiased users and there should be a vetting process to allow new users into the role.
- However, it should be easy for users to suggest changes to the data. This will help improve the accuracy of the database. For example, a user on the site might suggest that a typo needs changing, etc. For this reason, we should have a "request data change" option or similar.