**Sarah Ali, Population Data Analyst**

Implementing the new system would benefit Ms. Ali greatly. The proposed program will allow users to quickly and clearly display any infographics they may request, such as:

* The population of a city
* The number of people that speak a specific language (i.e. Chinese)
* The top `N` populated capital cities in the world where `N` is provided by the user

Working as a data analyst, time is essential and cannot be wasted. Ms. Ali requires a good balance between speed and accuracy, without much compromise. The proposed program will instantly generate an accurate report using the database provided, at the click of a few buttons. Despite the large database she must work with, the program will summarise any desired statistics or queries using the Black Box theory. The Black Box theory aims to make it as simple as possible for the Ms. Ali, as only the desired information will be displayed, and the technical side will be hidden to the user in order to avoid any possible confusion and clutter on the screen.