COMP 9321 Final Report

Group - Runtime tERRORs

- The API allows a person to predict the values of various economic, social, climatic and health aspects of a country based on the data provided by the World Bank for the near future.

- User can select any factor, country and year to get the desired predicted value. Along with the value, a graph will be provided for the selected country on the selected factor over the years for a complete and thorough analysis.

- User is also provided with an option to get the correlation between any two factors. They can select the factors for x and y axis respectively to get a time graph.

- The time graph will show the progression of the continents over the years by correlating the two factors together.

- A country's governing body can use the API's fertility rate data to predict their country's future population size to aid them in making decisions in the areas of housing, transport infrastructure, and allocation of funds.

- Researchers can use the API's CO_2 predictions to determine future environmental conditions.

- A country's GDP statistics can signal economists of potential risk of inflation/recession and policymakers can adjust interest rates accordingly.

- Labour force data can facilitate analysis and monitoring of social and economic aspects of a country's working age population.