Deaths Around the World by Cause Database App

This is a submission for Group 1 including the students Göktuğ Aygün, Kemal Yılmaz, Steven El Khaldi, Kerim Demir and Berk Bilgiç with SU ID's 30608, 31097, 30048, 28853 and 29157 respectively.

The title of the project is "Deaths Around the World by Cause Database App". The aim of the project is to investigate the death numbers across the world with their reasons and try to discover correlations between different topics. If possible, relations like cause and effect may be also discovered. In order to achieve this purpose, the data files which will be kept in ".csv" format are investigated and downloaded through the website "ourworldindata.org". The data is flat designed initially. Therefore, the duplicate lines, if any, are cleared with the use of Microsoft Excel. Following that, the numbers are seperated into sub-titles in order to make it easier to find relations and also process the data with relational model and DBMS application MySQL. While doing so, the columns of less importance compared with others are also eliminated. The formatted datasets that will be used throughout the project will be kept in a folder that can be found in the GitHub repository that is specifically created for this project. Any update that is done, will also be applied there.

In short, data files are kept in csv format. The files are cleared from duplicate and unnecessary values. Necessary values are kept in either a new excel file or a new spreadsheet. Later on in the project, tables will be created and these files will be transferred to the database created with the help of MySQL.

The CSV files that will be used in this project are listed below

- Related With Nature
  - global food
- Related With Substances
  - air-pollution
  - share-deaths-outdoor-pollution
  - annual-co-emissions-by-region
  - substances-risk-factor-vs-direct-deaths
- Related With Diet and Nutrition
  - share-of-adults-who-smoke
  - smoking-death-rate-1990-2017
  - total-alcohol-consumption-per-capita-litres-of-pure-alcohol
- General Information or Other Categories
  - annual-number-of-deaths-by-cause
  - death-rates-from-alcohol-and-drug-use-disorders
  - number-of-deaths-by-risk-factor
  - population-and-demography

The GitHub repository link is https://github.com/kerimdemir9/Cs306-Project

Thank you for your time