Assignment Two - Scraping Twitter

Team #**67** - **'WORLD ENERGY'**

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GitHub: [***https://github.com/ArpitaRai/DMDD\_Project\_WorldEnergy****Links to an external site.*](https://github.com/ArpitaRai/DMDD_Project_WorldEnergy)

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**UseCases:**

**1:** The top 10 primary energy consumers of the world

**Description: The user** wants to know the top 10 primary energy consumers in the world

**Actor:**User

**Precondition:**The primary energy table should be updated, and the user should know the container name to extract the data

**Steps:**

**Actor action: The user** needs the table name

**System Responses:**PrimaryEnergyConsumption table should be updated

**Post Condition:**User receives the top 10 countries with max energy consumption

**Alternate Path:**The user doesn’t receive data, and the table credentials are incorrect

**Error:**PrimaryEnergyConsumption table is empty

2: The country stands on top for the usage of renewable energy

**Description: The user** wants to know the country stands on top for the usage of renewable energy

**Actor:**User

**Precondition:**The renewable energy consumption table should be updated, and the user should know the container name to extract the data

**Steps:**

**Actor action: The user** needs the table name

**System Responses:**RenewableEnergyConsumption table should be updated

**Post Condition: The user** receives the country which uses the maximum amount of renewable energy

**Alternate Path:**The user doesn’t receive data, and the table credentials are incorrect

**Error:**RenewableEnergyConsumption table is empty

3: Total percentage of Renewables Energy consumption in the USA

**Description: The user** wants to know the Total percentage of Renewables Energy consumption in the USA

**Actor:**User

**Precondition:**The renewable energy consumption table should be updated, and the user should know the container name to extract the data

**Steps:**

**Actor action: The user** needs the table name

**System Responses:**RenewableEnergyConsumption table should be updated

**Post Condition: The user** receives the total percentage of renewable energy consumption of USA

**Alternate Path:**The user doesn’t receive data, and the table credentials are incorrect

**Error:**RenewableEnergyConsumption table is empty

4: Country with maximum users talking and tweeting on CO2 Emission

**Description: The user** wants to know the Country with the maximum number of users talking and tweeting about CO2 Emission

**Actor:**User

**Precondition:**The CO2Emission csv is extracted properly, which will push the data to CO2Emission table

**Steps:**

**Actor action: The user** needs the csv and table name

**System Responses: The** C02Emission table should be updated

**Post Condition: The user** receives the country name tweeting about CO2 Emission

**Alternate Path:**The user doesn’t receive data, and the table credentials are incorrect, csv not updated properly

**Error:**C02Emission table or csv is empty

5: Locations of users talking most about Solar and Wind Energy

**Description: The user** wants to know the Locations having users talking most about Solar and Wind Energy

**Actor:**User

**Precondition:**The CO2Emission table and csv should be updated

**Steps:**

**Actor action: The user** needs the csv and table name

**System Responses:**RenewableEnergyConsumption table should be updated

**Post Condition: The user** receives the locations of users talking most about Solar and Wind Energy

**Alternate Path:**The user doesn’t receive data, and the table credentials are incorrect

**Error:**SolarEnergy and WindEnergy table is empty