Title: Population Information and Ranking App

Actors:

- User (Student, Teacher, Analyst, etc.)

Preconditions:

- The user has installed and opened the app

- The user has a stable internet connection

Basic Flow:

1. The user launches the app and is presented with a clear home screen that allows them to easily select the location they want to get population information and ranking for, such as world, country, city, etc.

2. The user selects a location and is taken to a clear screen where they can enter specific details, such as the name of the country or city, or the year for which they want population information.

3. The user enters the required details and clicks on the "Get Information" button.

4. The app retrieves the population information for the selected location and displays it on a clear screen, along with any other relevant information such as population density, growth rate, age distribution, etc.

5. The user can then choose to either view the ranking of most popular cities or countries, or go back to the home screen to select a different location.

6. If the user selects to view the ranking, the app displays a clear list of the most popular cities or countries based on population, along with their population figures.

7. The user can then choose to either go back to the home screen or select a specific city or country from the ranking list to view more detailed information.

8. If the user selects a specific city or country from the ranking list, the app displays detailed population information for that location, similar to the basic flow above, on a clear screen.

9. The user can then choose to either go back to the ranking list or go back to the home screen.

10. The application shouldn't have any bugs or any unexpected errors

Alternate Flows:

- If the user enters invalid details, such as a non-existent location or an invalid year, the app displays an error message on a clear screen and prompts the user to enter valid details.

- If the user wants to view additional information beyond the basic population data, they can click on a link or button on a clear screen to access more detailed statistics or data sources.

- If the user wants to save the information for future reference, they can click on a button on a clear screen to add it to a favorites list or export it as a file.

Postconditions:

- The user has obtained the population information and ranking for the selected location and can view it on clear screens on the app.

- The user can easily navigate through the app and choose to save the information for future use or exit the app.