## Project Structure

- \*\*with-comments:\*\* Contains all files personally modified or added by me with comments.

- \*\*without-comments:\*\* Contains the same files as in the 'with-comments' directory but without comments.

## Running the Application

- \*\*start\_src.bat:\*\* Double-click to launch the web application in developer mode (slower).

- \*\*start\_build.bat:\*\* Double-click to launch the optimized production version of the web application.

## Dependencies

- \*\*React:\*\* A library for building user interfaces.

- \*\*Chart.js:\*\* A library for creating charts and diagrams.

- \*\*date-fns:\*\* A library for working with dates in JavaScript.

- \*\*Axios:\*\* A library for making HTTP requests.

- \*\*React-datepicker:\*\* A date picker component for React.

- \*\*React-select:\*\* A dropdown select component for React.

## Components

- \*\*ChartComponent:\*\* A custom component for displaying charts in the application.

- \*\*TableRow:\*\* A custom component for displaying a row in the data table.

## Utilities

- \*\*calculatePer1000:\*\* Function to calculate the number of cases or deaths per 1000 population.

- \*\*PageButton:\*\* Component for pagination with specified label, onClick event, and button type.

- \*\*getColumnOptions:\*\* Function to generate an array of options for columns.

- \*\*sortData:\*\* Function to sort an array of objects based on a specified column and direction.

## Styles

- \*\*styles.css:\*\* External style file providing additional styles for the application.

## Used Technologies

- \*\*Node.js\*\*

- \*\*Visual Studio(JavaScrip)\*\*

- \*\*Windows 11\*\*

## Disclaimer

This project is created solely for demonstrating my practical skills and is not intended for commercial distribution as a product.

Created by Gregory Kazakevich..