

Concept

This project is a tool used to show the total population of each country, through the years starting from 2000 as well as the current growth rate on a map of the world.

Core

At its core, using a 2d map asset with clickable functionality for each individual country, the user can select any country on the map and will be shown the specified data of what they want to know, specifically population of the country and growth rate. Each country will change color depending on its ranking to signal that the higher the ranking (greater the population), the greener it is and as you go down the rankings it changes to red. There are UI elements on the right hand side to toggle certain data.

Camera

We chose to use a 2d asset so that the user could potentially screenshot the information for their own use, and if it's a globe then they won't be able to see everything. Because of this the camera is fixed on the map but you can move the camera around and zoom in and out.

Input

Mouse is the only physical input, to move the camera, select the country and to toggle the shown data. The data that is inputted is a .CSV file which can be edited in excel to add or change data.

Audio

There is no audio as the project does not need audio.

Graphics

Simple 2d vector graphic and text boxes with a default font for readability.

Dataset -

<https://www.kaggle.com/datasets/akshatsharma0610/world-population-2000-2023>

World map - <https://naoufelbougueroua.itch.io/interactive-worldmap>

Week 2 video - https://www.youtube.com/watch?v=-PX3CJ_fSVQ

Week 3 / Prototype video - <https://www.youtube.com/watch?v=dMhy5-c515M>

