Epidemiological Library Project

One Pager

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1 Context

This project is done under the continued supervision and mentorship offered by the program "Carreras Con Impacto" in order to be completed in a span of 10 weeks.

2 Objectives

- Project Objectives
    - General Objectives
        * Reduce the impact of pandemics on public health and the economy
    - Particular Objectives
        * Create a solid data source as a website on epidemic managment in the last 25 years in Mexico for future analyzes.
        * Increase the availability and transparency of epidemiological information in Mexico.

- Personal Objectives
    - Demonstrate my capacity of problem resolution through strategic and logical thinking as well as programming.
    - Demonstrate my skills to plan and develop a project in limited time.
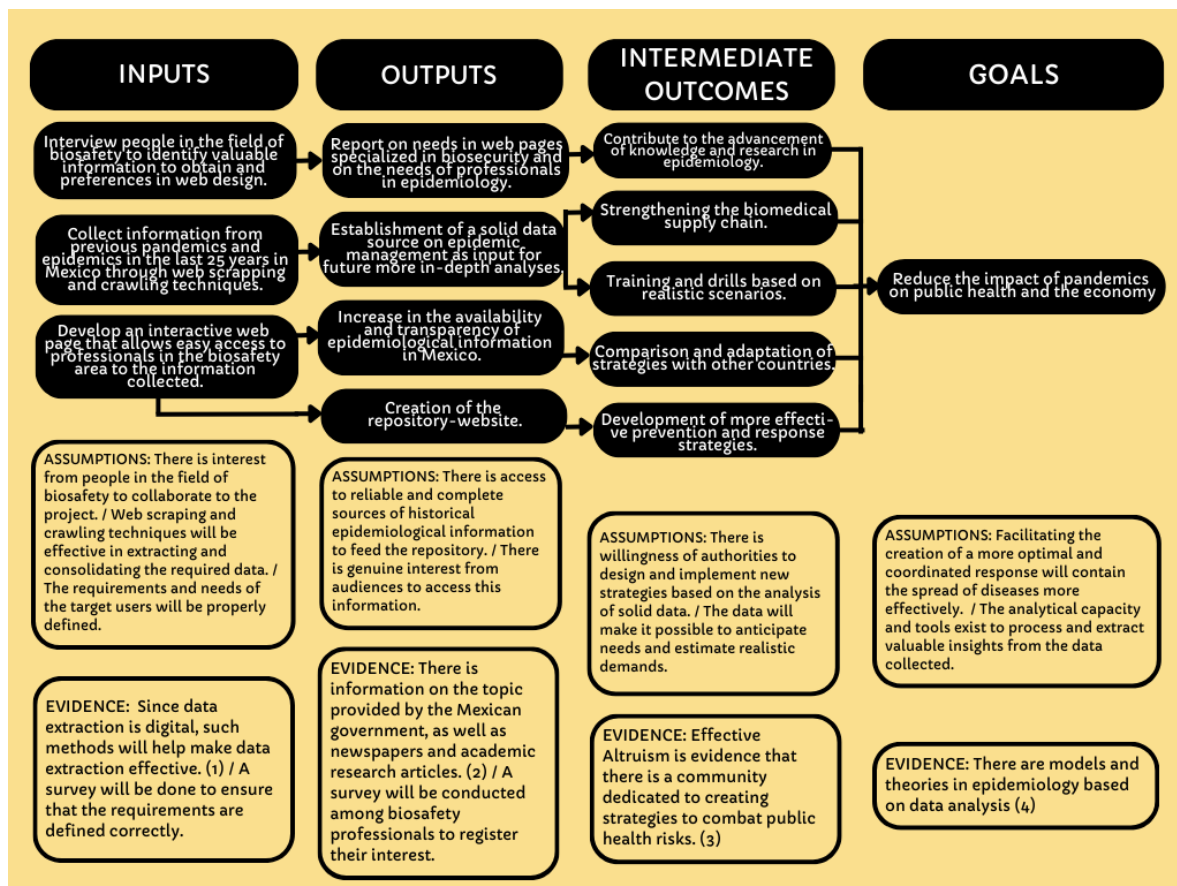
3 Summary

The project aims to address the area of biological risks by recording responses to outbreaks of epidemiological significance due to pathogens of public health interest with potential for possible epidemics or pandemics in the last 25 years in Mexico.
By organizing the data, its analysis in order to identify patterns will be facilitated, as well as the understanding of them. By understanding how this outbreaks have emerged and spread we can strengthen our ability to anticipate and address the challenges they pose, thereby preparing a more effective and adaptive response to future public health emergencies.
Mexico has been chosen for its considerable population and diverse epidemiological history. The collection of data will help the future analysis of events in order to not only facilitate the response of Mexico in the face of these risks, but from other countries: comparing our response against theirs will facilitate the creation of modified strategies according to their particular cases. In addition, this data collection will be accessible through an interactive web page with the aim of reaching biosafety professionals, making the information available to the individual so that they can use it for their investigations, data analysis and/or decision-making.

4 Theory of change

- (1) Reference.
- (2) Reference.
- (3) Reference.
- (4) Reference.