COVID GROWTH

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1. Introduction

- Design and develop a landing page to display custom COVID19 metrics.
  Ambitiously, this resource would evolve into a resource intended to determine real time exponential growth calculations with modifiable start and end points, using a dynamic slider to display targeted results across a scale of weeks, months and years / location.
  Data can be viewed at a global, regional, country, state, city, community and granular view.

  Initial development would be geared at establishing a POC using data that renders various modifiable charts, best practice bootstrap grid layout including mission statements, forms and card related content while maintaining consistency at various viewports and most importantly, validate.

- The purpose of this resource is to establish predictable metrics using a timeline to display comprehensive, meaningful and usable results. Further combining census and/or similar event data enables the potential of measuring and forecasting area impact of all magnitudes and is only limited by the quality of data.

- As example, an initial implementation may incorporate the number of residents in Sanford Fl. Based on the current infection rate, exponential growth can be calculated for this area and produce a dynamic result, (the projection), which can be established at a granular, zone based and wide scale.

2. Expected List of Features for POC

- Charts and various COVID-19
- Form - intervals of time
- JavaScript Slider using Glidejs & Range Sliders using COVID 19 Data (with easter egg)
- Cards, other interactive elements
- Proper use of bootstrap grid layout for various view ports.

3. Reference Sites

- [WHO](#)
- [Florida COVID-19 Dashboard](#)
- [Heathdata.org](#)

4. Summary Objective

Through this pandemic I've been tracking COVID-19 since March 17, 2020 on facebook and have manually established a growth baseline that projects rates over 18 months. These calculations have shown to be reasonably accurate with public reporting and are interested portraying my own design on what these numbers represent.