

CPSC-349 COVID-19 Project Submission, due: 349-01 – 8 Dec, 349-02 – 11 Dec at start of class

Team Name: Covid Watch

Team Members: Adam Gemperline

Repository <https://github.com/gemperline/COVID-19-Data> .github.io

Verify each of the following items and place a checkmark in the correct column. Each item incorrectly marked will incur a 5% penalty on the grade for this assignment

| Completed | Not Completed | COVID-19 website |
|-------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Created a COVID-19 website that shows the spread of the virus in regional, geographic information (*must* use a map) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Showed regional information by at least two of the following: by country, and/or by state, and/or by county, and/or by zip code |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Has map showing current confirmed, active, recovered, and fatal cases by at least two of the following: by country, by state, by county, and/or by zip code |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Has tables showing current confirmed, active, recovered, and fatal cases by region, including changes from the previous data |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Has tables showing cumulative stats by region |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Has graphs showing current confirmed, cumulative, and daily stats by region |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Has graphs showing projected actual statistics per region (e.g., 10x confirmed cases, or 1000x confirmed deaths). For example, if it reports 52,000 confirmed cases and 930 deaths, actual statistics are between 520,000 and 930,000 cases. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Shows current state in a graph which updates as the user selects a region |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Shows changes from the previous day in a graph |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Shows graph of a history of changes by region in the past 14+ days |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Graphs or tables showing prediction/rate of change of various regions (e.g., doubling every 2 days, or halving every 4 days) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Predicts actual cases (not just confirmed – e.g., 10x confirmed to 1000x fatalities, e.g., 40,000 confirmed / 900 deaths -> 400k to 900k actual |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Provide updates of your statistics throughout the day (at least once//hour) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Uses Firebase for storing data for performance |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Shows (on website) links to sources of data, and authors of site |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Project directory pushed to new GitHub repository listed above |
| Comments on your submission | | |
| | | |

Fill out and print this page, and submit it on the day this project is due.