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Lab 8 - It's Corona Time

Data Set (for bookmarking)

Taskboard:

Done list of last sprint:

- Implement faster way for analytics to load
 - Implemented by Cristina Lawson
 - Updated country cases vs. deaths analytic
 - Updated worldwide mobility trends analytic
 - Updated CovidFile.java
 - Updated getCountryCases function
 - Updated getCountryDeaths function
 - Updated a data structure to include cases and deaths for the incemeta analytic (Enrique initially implemented)
 - Updated a class, DataStruct_IncrDesign that holds 4 out of the 19 columns needed to computed the analytic
 - Whenever an edit is made to the the file, the change is made to the array of DataStruct_IncrDesign as well
 - The analytic computes by reading the array, as opposed to the file
 - Bug Fixes
 - Fixed by Jesse Garcia
 - Fixed bug in casesVsMobility.jsp causing graph not to show
 - Fixed bug in calculating cases per month in the getCasesPerMonth function function.
- Implemented incremental analytic for comparing rich countries testing and poor countries testing
 - Implemented by Enrique Munoz
 - Used existing code from previous sprint
 - Added a class, DataStruct_IncrDesign that holds 4 out of the 19 columns needed to computed the analytic
 - Whenever an edit is made to the the file, the change is made to the array of DataStruct_IncrDesign as well
 - The analytic computes by reading the array, as opposed to the file
- Implemented incremental analytic for comparing global deaths and cases
 - Implemented by Enrique Munoz
 - Used existing code from Jesse Garcia

- Added two variables that keep track of the total amount of cases and deaths
 - Whenever an edit is made to the the file, the change is made to the two variables as well
 - The analytic computes by reading the two variables, as opposed to the file
- Comparison between mobility trends of public transit and workplaces
 - Implemented by Luccas
 - Added and revamped two functions in covidfile.java that collects the mobility trends in workplace and public transit on a daily basis in a month
 - Added a .jsp file that generates a graph based on canvasjs two show the differences between the two cases of mobility trends