CSC490 Design Project Proposal

Lily Friedberg
Oscar Suen

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1 Working Title

Visual Econometrics

2 Description

The World Bank has an enormous quantity of data about the global economy, but it is woefully inaccessible to the common man. In this project, our goal will be to help visualise this and analogous data graphically both synchronically and diachronically. Our final product should include pages to view data in one year, as well as about the current state of each country, and dynamically generate and display graphs with user-selected metrics on the x- and y- axes. Additionally, users will be able to define their own metrics in terms of extant ones (eg, the misery index), and graph these. In order to do this, we will define a syntax and design a UI which will make this as intelligible and accessible as possible.

3 Timeline

By Nov. 8, we should have the database built and populated.
By Nov. 11, all necessary pages and files should exist.
By Nov. 13, the python should talk to the database, the country pages should be finished.
By Nov. 16, the project should be functional, with only aesthetic work and

bug fixes left.
The Project is due Nov. 17.

4 ER Diagram