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Professor Lex

CS 5630/6630

### Milestone 1

Peer Review with Shaurya Sahai, Sushmitha Sunkurdi Nataraj, Ambuj Arora

Feedback:

- Smaller graphs may be difficult to see
- Maybe display hours in school vs. hours worked
- Split lines into tuition, room/board, etc.
- Tooltips on hover for year on graphs
- Make some views optional
- Place time-based charts all on one side
- Have a sort function on state costs
- Possibly have drop-down for events
  - Allow multiple selections with different colors and years
- Year slider and buttons at top so they're not missed at the bottom
- Normalize cost on different states
  - Focus on change over time
- Options for events:
  - 2008 recession
  - Launch of Google
  - Federal Subsidies
- Be able to select multiple states

Feedback from Jen Rogers:

- Make map supplemental or secondary. The min wage hours should be the main focus.

Addressing the Feedback:

We agree that the minimum wage hours should be the main display. Likewise, due to the comment from the peer feedback regarding the size of the charts, we have decided to update our design with the following:

- There will be two default main displays. One will be the min wage hours graph, as a line or bar chart. The other will be the map where multiple states can be selected.
- The min wage hours chart will include a horizontal line that indicates full-time hours.
- Below the main chart will be the two smaller charts, with college cost data and minimum wage data as line graphs. Clicking on one of these will make it the main chart display, swapping places with the current main. Between these two charts will also be a toggle for absolute and normalized values.
- All three charts will be linked with a draggable year line on the main display, instead of a separate slider.
- The map will be of the US and will have selectable states. This will allow the user to see multiple lines on the charts with state-based data.
- Below the map will be the storytelling features. This will include a year-based display for household staples, including gas, milk, and bread (stretch goal).
- Storytelling will include an option to highlight historical events, perhaps as a drop-down selection.