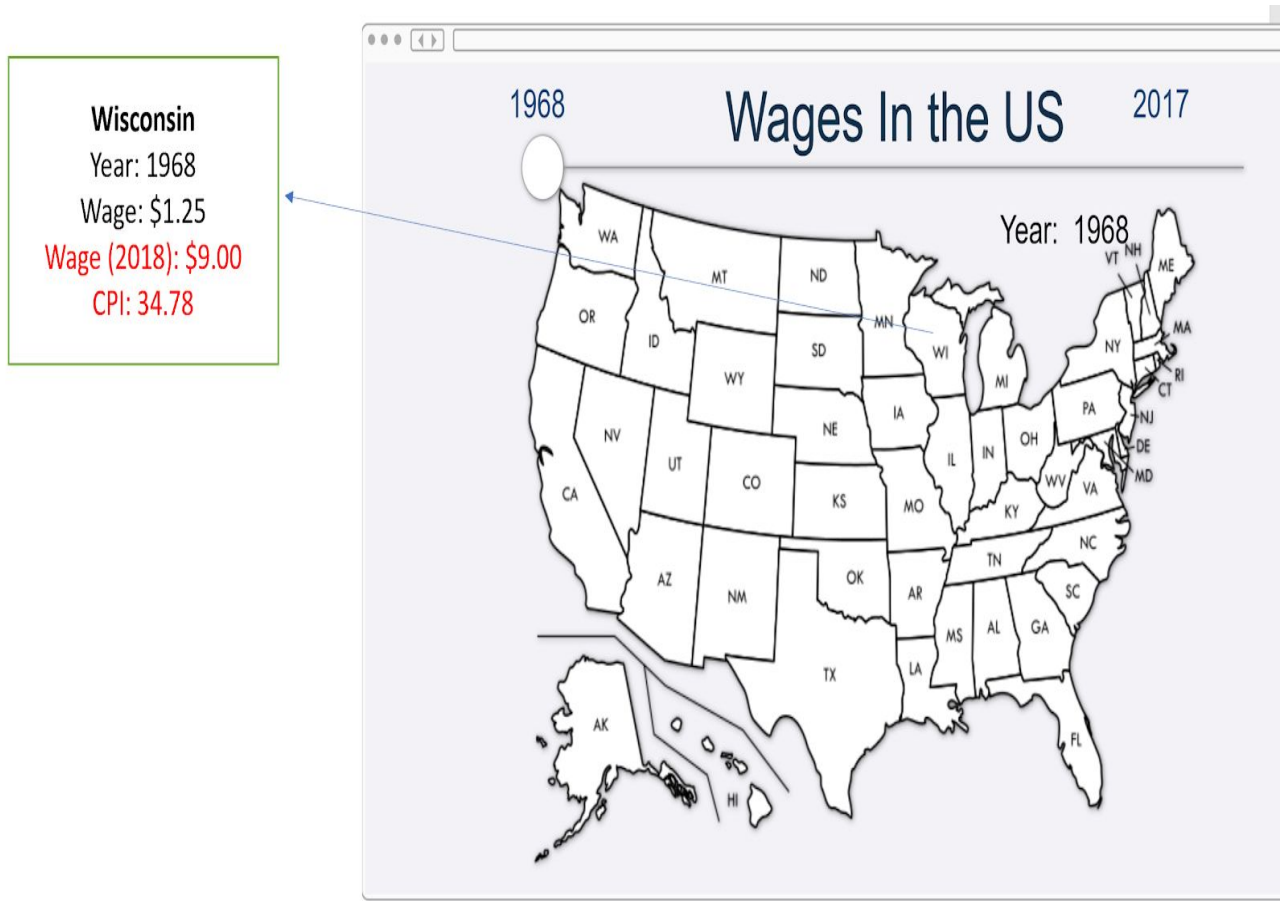


Evaluation Plan

Activity

1. We [Shivam Thakrar, Faezh Dalieh, Jannat Tumpa] will provide the subject with the web app showing US Minimum Wage by State from 1968 to 2017 using a hover function (Prototype 1) that displays few details about the minimum wage in a particular state. The subject will be given certain tasks to complete during the survey by exploring the information from the web app. Prototype 2 has the same display but without the hover feature. Rather, the users have to click to attain more information. We [Shivam Thakrar, Faezh Dalieh, Jannat Tumpa] will be providing the users with a list of tasks. The purpose of these tasks is to measure the validity of our results, based on the amount of questions the user answers correctly, that will determine whether or not that specific data is valid to use in our testing.



The subject will answer the next 3 bolded questions. (**Prototype 1**)

Task 1: Go to the year 2015.

Task 2: Hover over Wisconsin.

Question for task 1-2: What is the minimum wage at Wisconsin in 2015?

Task 3: Go to year 1972.

Task 4: Hover over Oregon.

Question for task 3-4: What is the minimum wage at Oregon in 1972?

Task 5: Go to year 1998.

Task 6: Click Arizona.

Question for task 5-6: What is the CPI of Arizona in 1998?

2. Next, We [Shivam Thakrar, Faezi Dalieh, Jannat Tumpa] will provide the subject with the web app showing US Minimum Wage by State from 1968 to 2017 that displays more details about the minimum wage after clicking on a particular state in the map(Prototype 2) . The subject will be given certain tasks to complete during the survey by exploring the information from the web app.



Wisconsin

Year: 2017

Minimum Wage: \$7.25

Laws In Place: n/a

CPI: 245.12 *Will be hyperlinked*

Full Week: \$290

Full Year: \$15080

The subject will answer the next 3 bolded questions. **(Prototype 2)**

Task 1: Go to the year 2014.

Task 2: Click Florida.

Question for task 1-2: What is the minimum wage at Florida in 2014?

Task 3: Go to year 1980.

Task 4: Click Virginia.

Question for task 3-4: What is the minimum wage at Virginia in 1980?

Task 5: Go to year 2000.

Task 6: Click Texas .

Question for task 5-6: What is the CPI of Texas in 2000?

3. Finally, We [Shivam Thakrar, Faezh Dalieh, Jannat Tumpa] will provide the subject with a questionnaire using Marquette Qualtrics where they will be asked few questions

regarding their previous knowledge about Minimum Wage and also, they will be asked about which prototype they liked better and which one seemed more useful. The subject will be asked the following questions and the responses will be analyzed to figure out the efficacy and user-friendliness of the two prototypes.

Questionnaire

1. Before today, how familiar were you with Minimum wage laws in the US?
 - a. Very familiar
 - b. Somewhat familiar
 - c. Neither familiar nor unfamiliar
 - d. Somewhat unfamiliar
 - e. Very unfamiliar
2. Which state you are from?
3. What is the minimum wage of your Home State, if any?
4. In prototype 1, how helpful was the hover function for finding out information about minimum wage at any particular state?
 - a. Very helpful
 - b. Somewhat helpful
 - c. Neutral
 - d. Not so helpful
 - e. Not helpful at all
5. In prototype 2, how helpful was the detailed calculated information about the yearly and weekly amount of minimum wage shown after clicking on a particular state?
 - a. Very helpful
 - b. Somewhat helpful
 - c. Neutral
 - d. Not so helpful
 - e. Not helpful at all
6. Which prototype seems more helpful for getting information about minimum wage at any particular state in a particular year?
 - a. Prototype 1
 - b. Prototype 2
 - c. Both
 - d. None
7. Which prototype seems more helpful for getting an overview of the change of minimum wage across all states in a particular year?
 - a. Prototype 1
 - b. Prototype 2
 - c. Both
 - d. None
8. Which prototype seems more helpful for getting an overview of the change of minimum wage of a particular state across the years from 1968 to 2017?
 - a. Prototype 1

- b. Prototype 2
 - c. Both
 - d. None
9. What is your age range?
- a. 18-24
 - b. 25-34
 - c. 35-44
 - d. 45-54
 - e. 55-64
 - f. 65+
10. What is your education level?
- a. Less than a high school degree
 - b. High School graduate
 - c. Some college but no degree
 - d. Associate degree in college
 - e. Bachelor's degree in college
 - f. Master's degree
 - g. Doctoral degree
 - h. Professional degree(MD, JD)

Survey Link: https://marquette.az1.qualtrics.com/jfe/form/SV_8vKPXlnDNUBK1pj

Web App: <https://goldendrummer730.github.io/>