Election Essentials

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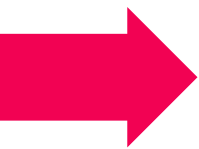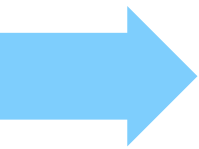
Overview

1.
PROBLEM
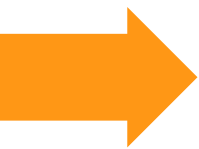
68.5%
of college students were registered to vote

70.6%
of registered college students voted in the 2016 election

48.3%
of college students voted in the 2016 election

Purpose

▷ <u>Problem</u>: College students don't have time to keep up with the election and the news → they don't vote

▷ <u>Goal</u>: Increase the percentages!

▷ <u>Audience</u>: U.S. college students

▷ Our app allows them to stick to what's important to them and provide the necessary resources to help them vote in the 2020 election.

Our Approach

Essentials → **Information** → **Voting**

Allow users to decide what political issues are essential to them.

Display articles to help users get up to date on their essentials and learn about candidates.

Provide voting deadlines so users can make it out to vote in the 2020 election.

2.

FEATURES

Overview of Features

▷ Google Sign-In

▷ Articles

▷ Sharing on Twitter

▷ Bookmarking

▷ User Profile (customizable/saveable essentials)

▷ Candidate Profiles

▷ Voting Information by State

▷ About Us

What is essential to you?

- [ ] Jobs/Wages
- [ ] Criminal Justice System
- [ ] Healthcare
- [ ] Taxes
- [ ] Reproductive Issues

- [ ] Environment
- [ ] Immigration
- [ ] Education
- [ ] LGBTQ+
- [ ] Gun Violence

SUBMIT

Jobs/Wages

☑ Criminal Justice System

☑ Healthcare

☑ Taxes

Reproductive Issues

Sign in - Google Accounts - Google Chrome

accounts.google.com/signin/oauth/oauthchooseaccount?client_id=472058495000-so9f...

Sign in with Google

Choose an account

to continue to **electionessentials.appspot.com**

Ana Ashrafi
ana.a.ashrafi@gmail.com

Ana Ashrafi
vp.membership@sec.engr.utexas.edu

Ana Ashrafi
ana.a.ashrafi@utexas.edu

Use another account

To continue, Google will share your name, email address, language preference, and profile picture with electionessentials.appspot.com.

English (United States)   Help   Privacy   Terms

News Feed

Lucence raises $20 million Series A for its non-invasive cancer screening technology

Facebook unveils its first foray into personal digital healthcare tools

Octopus Ventures' investment strategy includes 'taboo' healthcare startups

Google's Fitbit purchase could reshape its healthcare ambitions

Google Reportedly Amassed Private Health Data on Millions of People Without Their Knowledge

Warn Your Parents: Medicare Open-Enrollment Scams Are Coming

What AI startups need to achieve before VCs will invest

First African American patient receives full face transplant

How Elizabeth Warren Plans to Pay for Medicare for All

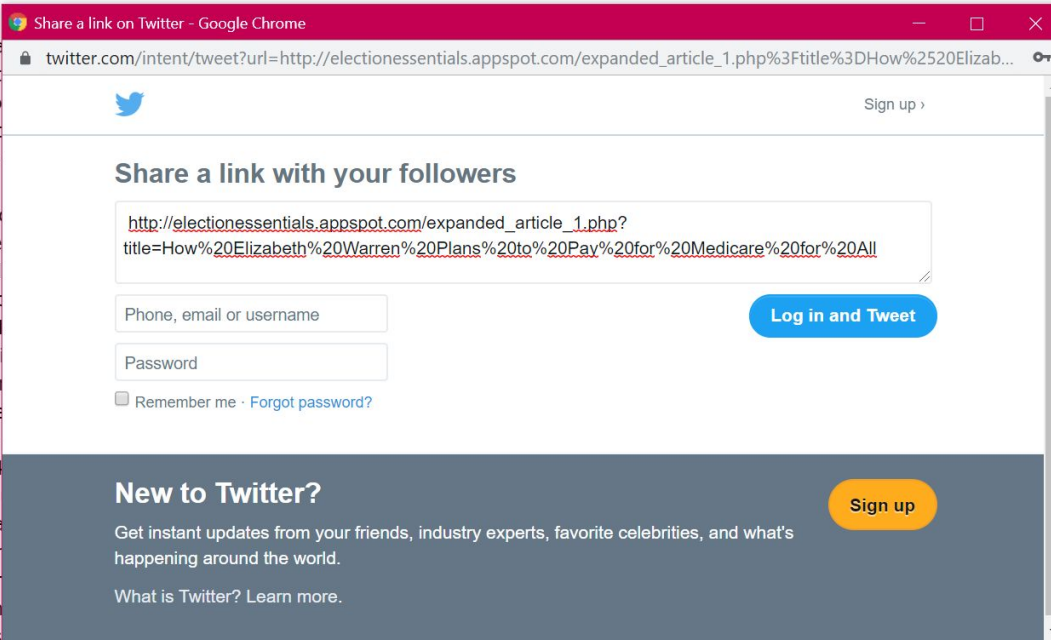Tapper fact-checks Trump's claims on impeachment

« Previous　　Next »

How Elizabeth Warren Plans to Pay for Medicare for All

A big topic on our many Democratic presidential debate stages this summer has been health care reform. Several candidates, including Senators Elizabeth Warren and Bernie Sanders, have been pushing for Medicare for All, through which the government would provide our health coverage. But doing so would be expensive, and not all candidates have been clear about the source of the funding it would require. One of them, until today, was Elizabeth Warren. Her plan has finally arrived, in an exhaustive Medium post where she spells out how she'll one-up Sanders' Medicare for All Act proposed in the spring. Under my plan, Medicare for All will cover the full list of benefits outlined in the Medicare for All Act, including long-term care, audio, vision, and dental benefits. My plan will cover every single person in the U.S., and includes common-sense payment reforms that make Medicare for All possible without spending any more money overall than we spend now. Warren proposes that under her juiced-up version of Medicare for All, every person in America would have full health coverage and long-term care coverage without having to stay within a provider network. Over the course of 10 years, that'll cost $52 trillion. So, how do we pay for that? According to Warren and her Medicare for All research team, $31.5 trillion will come from existing anticipated federal and state budgets for healthcare. The remaining $20.5 trillion needed would come from "targeted spending cuts, new taxes on giant corporations and the richest 1% of Americans, and by cracking down on tax evasion and fraud," she wrote. Warren promises there would be "not one penny in middle-class tax increases." She says her plan will actually put $11 trillion that would be spent on insurance and out-of-pocket healthcare expenses back in taxpayer pockets. But where do you even get $20.5 trillion anyway? Here's the short version of Warren's list: $8.8 trillion: Employers who sponsor healthcare coverage will still pay, but would do so as an Employer Medicare Contribution. Warren proposes that employers companies would determine their average health care cost per employee at the company, adjust it up "to account for the overall increase in national healthcare spending," multiply it by the number of employees, and then pay 98% of that number per year. Why 98%? Warren writes that it'll guarantee every company pays less for healthcare than it does right now. Small businesses with fewer than 50 employees would be exempt, along with self-employed people under a certain threshold. If there's not enough Medicare revenue coming in through employers, a Supplemental Employer Medicare Contribution would be required for some big companies. $250 billion: Right now, you can deduct out-of-pocket health care expenses from your taxes if they add up to more than 10% of your adjusted gross income. Warren argues that we won't need that anymore. $1.4 trillion: All that healthcare money we pay now will be back in our pockets, and so our higher incomes will be taxed per usual. $2.3 trillion: Invest in stronger IRS tax enforcement to reduce taxes lost through evasion and fraud. $800 billion: Collect a "small tax on financial transactions—one tenth of one percent on the sale of bonds, stocks, or derivatives" from financial firms. $100 billion: Charge a "risk fee" to the 40-some biggest banks in the nation. $1.25 trillion: Adjust how businesses write off depreciation of assets. $1.65 trillion: Institute minimum tax of 35% on corporations' foreign earnings for each country where they do business. Also tax foreign companies based on their U.S. sales. $1 trillion: Make billionaires pay six cents for every dollar of their net worth over $1 billion. $2 trillion: Tax capital gains income annually and at higher rates for the wealthiest 1%. $400 billion: Reform immigration and use freed-up funds for healthcare. $798 billion: Tighten defense spending and bring troops home from Afghanistan, Iraq and Syria. There you have it. You can be sure this plan will be a hot topic in the next Democratic presidential debate (the fifth so far!), scheduled for Nov. 20.

How Elizabeth Warren Plans to Pay for Medicare for All

A big topic on our many Democratic ... Elizabeth Warren and Bernie
Sanders, have been pushing for Medica... e, and not all candidates have been
clear about the source of the funding it ... Medium post where she spells out
how she'll one-up Sanders' Medicare fo ... e Medicare for All Act, including
long-term care, audio, vision, and dent ... hat make Medicare for All possible
without spending any more money ove ... America would have full health
coverage and long-term care coverage ... w do we pay for that? According to
Warren and her Medicare for All resear ... ning $20.5 trillion needed would
come from "targeted spending cuts, ne ... d," she wrote. Warren promises
there would be "not one penny in midd ... t-of-pocket healthcare expenses
back in taxpayer pockets. But where do ... onsor healthcare coverage will still
pay, but would do so as an Employer M ... cost per employee at the company,
adjust it up "to account for the overall ... number per year. Why 98%? Warren
writes that it'll guarantee every compa ... exempt, along with self-employed
people under a certain threshold. If the ... tion would be required for some big
companies. $250 billion: Right now, yo ... justed gross income. Warren argues
that we won't need that anymore. $1.4 ... taxed per usual. $2.3 trillion: Invest
in stronger IRS tax enforcement to red ... h of one percent on the sale of
bonds, stocks, or derivatives" from fina ... how businesses write off
depreciation of assets. $1.65 trillion: Ir ... tax foreign companies based on
their U.S. sales. $1 trillion: Make billion ... ually and at higher rates for the
wealthiest 1%. $400 billion: Reform im ... me from Afghanistan, Iraq and Syria.
There you have it. You can be sure this ...

Share a link on Twitter - Google Chrome

twitter.com/intent/tweet?url=http://electionessentials.appspot.com/expanded_article_1.php%3Ftitle%3DHow%2520Elizab...

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Share a link with your followers

http://electionessentials.appspot.com/expanded_article_1.php?title=How%20Elizabeth%20Warren%20Plans%20to%20Pay%20for%20Medicare%20for%20All

Phone, email or username

Password

☐ Remember me · Forgot password?

Log in and Tweet

New to Twitter?

Get instant updates from your friends, industry experts, favorite celebrities, and what's happening around the world.

What is Twitter? Learn more.

Sign up

What is essential to you?

- ☐ Jobs/Wages
- ☑ Criminal Justice System
- ☑ Healthcare
- ☑ Taxes
- ☐ Reproductive Issues

- ☐ Environment
- ☐ Immigration
- ☐ Education
- ☐ LGBTQ+
- ☐ Gun Violence

SUBMIT

Bookmarks

How Elizabeth Warren Plans to Pay for Medicare for All   Remove

electionessentials.appspot.com says

Essentials Changed

OK

HOME   CANDI   BOUT   SHARE

G Sign out

What is essential to you?

☐ Jobs/Wages   ☑ Environment
☑ Criminal Justice System   ☑ Immigration
☐ Healthcare   ☐ Education
☐ Taxes   ☑ LGBTQ+
☐ Reproductive Issues   ☐ Gun Violence

SUBMIT

Bookmarks

How Elizabeth Warren Plans to Pay for Medicare for All   Remove

Sign out

Michael Bennet

Joe Biden

Cory Booker
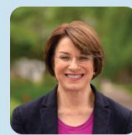
Steve Bullock

Pete Buttigieg

Julián Castro

John Delaney

Tulsi Gabbard

Kamala Harris

Amy Klobuchar

Wayne Messam

Bernie Sanders

Joe Sestak

Tom Steyer

Elizabeth Warren

Marianne Williamson

Andrew Yang

Donald Trump

Joe Walsh

Bill Weld

Bill Weld

Jobs/Wages: Leans conservative
Taxes: Leans conservative
Criminal Justice System: Leans moderate
Healthcare: Leans moderate
Reproductive Issues: Leans progressive
Environment: Leans moderate
Immigration: Leans moderate
Education: Leans conservative
LGBTQ+ Issues: Leans progressive
Gun Laws: Leans conservative

Learn more about Bill Weld's campaign here.

Search for state info...

Alabama
Primary Election Deadline: February 17, 2020
General Election Deadline: October 19, 2020

Alaska
Primary Election Deadline: According to the Alaska Board of Elections, State law does not provide for a presidential primary election.
General Election Deadline: October 4, 2020

Arizona
Primary Election Deadline: July 6, 2020
General Election Deadline: October 5, 2020

Arkansas
Primary Election Deadline: February 2, 2020
General Election Deadline: October 4, 2020

California
Primary Election Deadline: February 17, 2020
General Election Deadline: October 19, 2020

Colorado
Primary Election Deadline: February 24, 2020
General Election Deadline: October 26, 2020

Connecticut
Primary Election Deadline: April 23, 2020
General Election Deadline: October 27, 2020

Delaware
Primary Election Deadline: April 4, 2020
General Election Deadline: October 10, 2020

About Us

Team Lion

Description, Purpose, Users

College students don't have time to keep up with the 2020 election and all of the news surrounding it. For most, there's too much going on with classes, extracurriculars, jobs, etc. to be able to do research and learn about each candidate in the race. With our web application, Election Essentials, students would be able to identify the topics that matter most to them, receive information and news articles regarding the various candidates' views on the specified topics.

Tools Used

HTML: Used for displaying all information on our web pages.
CSS: Used for styling our web pages.
JavaScript: Used to add function to buttons and make the candidates and articles clickable.
PHP: Used for interacting with and pulling data from the SQL database.
Draw.io: Used for UML diagrams.
GitHub: Used for version control.
Google Cloud Platform: Used for deploying our app and helping us interact with the SQL database.
Python: Used for scripting the web scraper and putting the JSON files into the database.
JQuery: Used for JSON communication with the database.
MySQL: Used to store our databases like the articles, candidate profile information, and bookmarks.

Data

Stats from GitHub: https://api.github.com/repos/anaashrafi/Election-Essentials/contributors scraped using JavaScript and GitHub API.

Link to GitHub Repo

https://github.com/anaashrafi/Election-Essentials.git

Group Members

Ana Ashrafi
Major: Electrical and Computer Engineering
Responsibilities: Candidate Profiles, Extended Article Pages, Frontend

3.
FUNCTIONALITY

Personalization

- Essentials
- Bookmarking
- Sharing

Updated

- Database is updated each time python script is ran
- Focuses on current issues
- Links to external pages

Performance

- Takes only seconds to update
- Unit Testing
- Integration Testing

4.
IMPLEMENTATION

Tools - Front End

▷ **PHP**

    ○ Used to interact with and pull data from the SQL database

▷ **HTML**

    ○ Used to display info on all our web pages

▷ **CSS**

    ○ Used for styling our web pages

▷ **JQuery**

    ○ Used for JSON communication with database

Tools - Back End

▷ **Python**

- ○ Used for scripting web scraper and putting JSON files into the database

▷ **MySQL**

- ○ Used to store our databases like the articles, bookmarks, candidate info, etc.

Tools - Other

▷ **Google Cloud Platform**

○ Used to deploy app and connect with SQL database

▷ **GitHub**

○ Used for version control and keeping track of user stories

5.
CONCLUSION

Main Takeaways

Do's:

▷ Overestimate time to implement a feature
▷ Research UI Designs Early
▷ Utilize open source APIs and codes
▷ Develop Tests as each feature is implemented
▷ Integration testing with server early

Don't's:

▷ Be afraid to ask questions to TA and on Piazza
▷ Get stuck on one solution (php, database)
▷ Avoid existing templates, especially for front-end

For Future Thought

▷ Improve voting information

▷ Timestamp article, customize organization of articles

▷ Campaign updates

▷ Voting locations

▷ Debate Highlights

▷ Updated Bills/Laws Page

Thanks!

Any questions?