| **Project Planning** |
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| **Capstone Idea (Definition Statement):**  With all the political and social unrest in America, I decided to create a capstone project that will help educate users by identifying how elected officials vote YAY or NAY on laws each day, so voters can make more informed decisions about candidates before going to the ballot box.  The website application will allow users to search for a particular law maker, view brief law summaries and view current and past vote results. The website will also use social media APIs to help users communicate directly with candidates.  The website application will also feature a live video stream of congressional sessions happening in real time. The web application will also provide notifications to its users, when new or existing laws have been voted on by the legislators.  **Definition of Audience: (Who will be using my application?)**  18+ years of age, eligible, registered American voters.  **Outline of Content:**  *Each page will have:*   * Navigation * Text * Pics * Search bar * Email subscription form * Social media links * Live stream video   *What do I want the functionality of each page to be?*   * Filter searches by legislator name or party. * Read brief summary of laws up for vote * See daily vote results of legislators * View internal page live stream video * Contact legislators via social media   *What is the purpose of my application?*   * Educate voters about candidates before voting.   *What business problem or real world problem am I going to be solving?*   * The hope is to educate voters about candidates and encourage more people to vote.   **Color Palette:** red, white, blue, yellow, green  Images: Legislators, graphics  Fonts: Arial, sans serif  Logos: Custom  Navigation: Start Petition - Register to Vote - Join Mail List  **Research Applications Similar:**  List Applications Researched: (links to websites / applications)   * <https://legiscan.com/> * <https://www.senate.mo.gov/> * <https://www.usps.com/business/web-tools-apis/documentation-updates.htm> * <https://www.workingamerica.org/30days/tactics/petition> * <https://house.mo.gov/> * <https://wevote.us/ready> * <https://www.congress.gov/>   List what you like about each site:   * Legiscan had most of the functionality I am looking to implement * Senate.gov had the bio history, live streams of the legislators I think is useful * USPS had an API I may be able to use to search for legislators * Working America had good guidance on how to submit a petition * House.mo also had good bio pages for legislators, sponsored bills * Wevote had good functionality * Congress.gov had good information about legislators   List what you do not like about each site:   * Legiscan was text heavy * Senate.gov had too many links * USPS was just for a possible API use * Working America I thought the steps could have been simplified * House.gov had too many links * Wevote did note give any information about the candidate * Congress.gov Also had too many links, hard to find information   How my application will be different:   * My application will not be cluttered, it will have clear and precise purpose, it will have organized text and navigation, simple clean design. |
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| **SWOT Analysis For My Capstone (Application)** |
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| S  (Strengths)  Simple Design  Simple Navigation  Upfront information  Search bar | W  (Weaknesses)  Functionality | O  (Opportunities)  Provide functionality  Add social media links | T  (Threats)  Not being able to pull data from sources to populate pages in real time |
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