

J583 – Advanced Interactive Media

Project 1: 2016 U.S. Senate Election

(Value: 100 points)

Your client, a major news organization, has approached you to create an overview of the 2016 U.S. Senate election. Of the 100 seats in the Senate, 34 are up for grabs. Your application will allow users to see all the senate seats and click any of the 34 contested seats to get a list of candidates running. You must use at least one photo per candidate per open seat (34 total). Each candidate should have their name displayed, a short bio and a picture (optional). In addition, when you click on a seat or state, it should show which party currently holds the seat as well as information about the current senator (bio, name and photo).

JOB SPECIFICS

Format

Angular.js Application

Bootstrap is OK but our audience shouldn't be able to tell.

Responsively Designed for phone, tablet and desktop.

Audience

National News Media Web Site

Runtime requirements

- Project should start by displaying the Senate seating chart. It should show all seats, available and unavailable. This could be in list format or graphically represented.
- The application will be populated by an external JSON file that is loaded over AJAX.
- Seats, represented by rows or graphics, should be colored for the party that holds them. Open seats should be highlighted and clickable.
- Users are able to click on an open seat to see the competing candidates. Each candidate should have a bio, photograph and major platform points.
- Your seats (or states) should be sortable in some fashion. The user should be able to click and change the way that the seats or states are displayed. This should help the user to digest and access the information.
- Project must include a credits link with your credit and source attribution.
- Innovation and creativity: Add your own feature/information. Surprise me!
- Remember: you only have to use one photo per open seat. Your application design should handle displaying multiple photos or a single photo.
- Project should be professionally designed and responsive.

Authoring requirements

- Project must be easy to update.
- All data must be stored externally in a JSON document.
- Code must be clean and should avoid repetition

The **project1_gradesheet.xls** outlines point value for specific grading criteria.

Project 1 is due at **5 p.m. on Friday, February 19.**