

# CS1300 Capstone Project: Patient Voting Redesign

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## Abstract

For my capstone for the CS1300: User Interfaces and User Experience course, I extended the Responsive Redesign assignment to have substantial design and development components. The original assignment was to only redesign one page of the website, so for the capstone project I redesigned the entire Patient Voting site ([patientvoting.com](http://patientvoting.com)).

The Patient Voting organization aims to increase awareness of patients' rights with regards to voting while hospitalized. Their website provides most of the public resources and information available for these patients and their loved ones who may want to cast their ballot, but are unsure how to in their circumstances.

The general accessibility and usability problems that I took note of in my initial project for just the "How to Vote" page extended to the rest of the website as well: an unorganized conceptual model, excessively redundant information, color contrasts, and consistency in user actions (buttons and links).

The bulk of the project came down to scale. Since there is so much information condensed onto every page of the website, with some of it being redundant or not intuitively accessible, I had to plan out and design my new conceptual model for the site before writing code. This also meant being more organized about my design and code practice: creating reusable components, organized file/folder structure, etc.

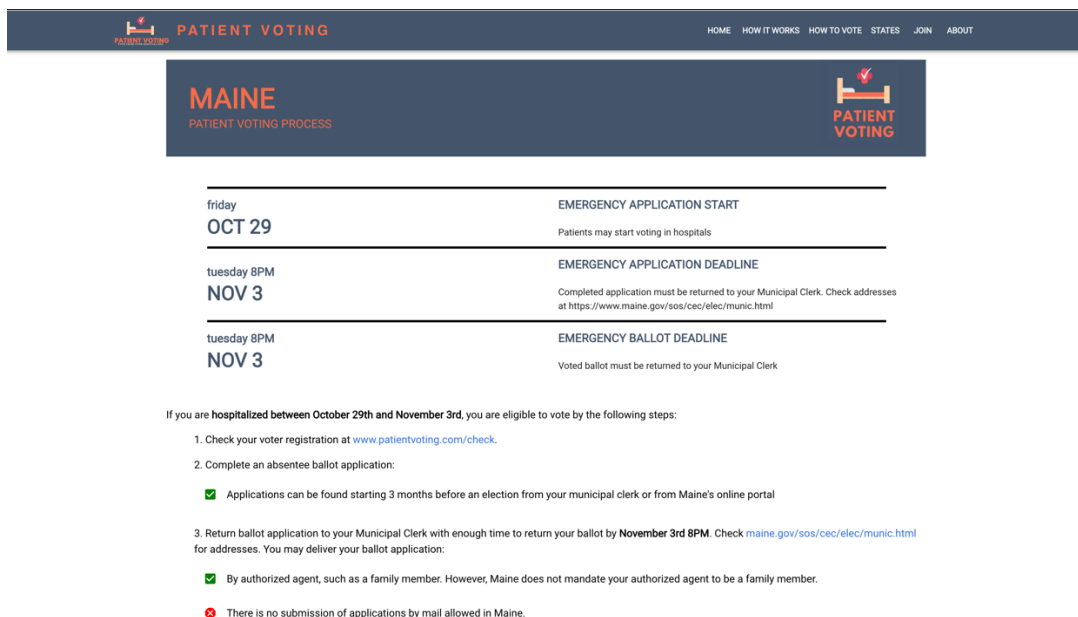
The below are some screenshots from selected portions of the redesigned webpage:

The new home page:



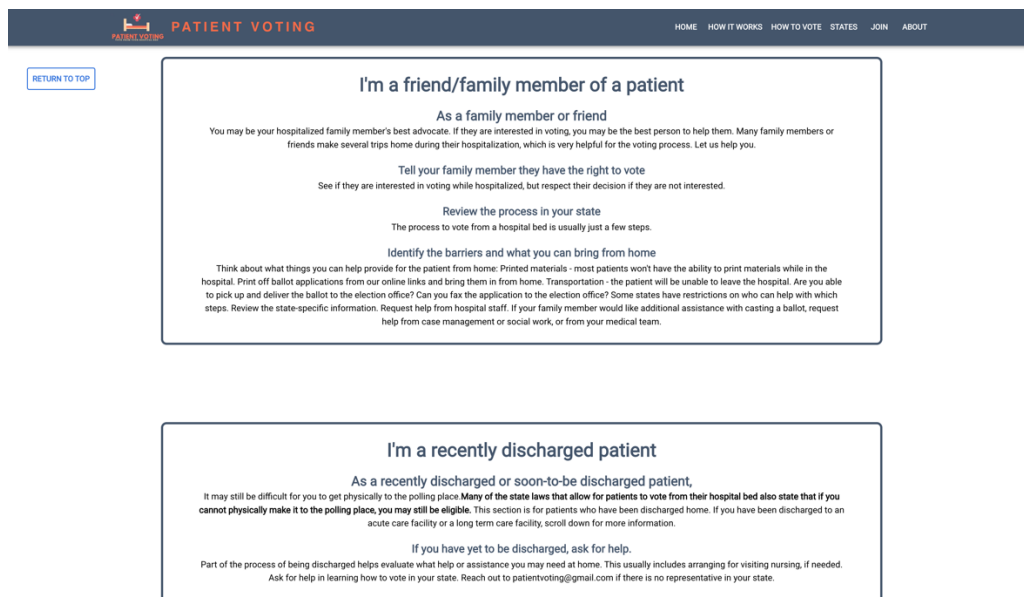
Some of the changes include: a more evident declaration of the goal of the organization that the website represents, action items more centralized and consistent to stand out to users, and a typography hierarchy for guiding users' attention.

One of the new state pages:



Since there are many states, I made a state page template that contained much of the hierarchy shown in the one above. For these pages, I primarily focused on information simplification: removing redundant information and highlighting the more important information (dates, links, etc.) for a simpler and more efficient user experience.

The new “How to Vote” page:



The first screenshot shows most of the changes I made in my initial redesign for the Responsive Redesign project, including things like movement indicators, distinction between use cases, and stylistically showing clickable buttons (not pictured, but a thickened border and darkened background when hovered). The second shows the navigational changes as well as the typography hierarchy and color changes I made.