

Project Step 16 - CSS & Responsive Design

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CSS & Responsive Design

We can use responsive design to resize or reposition elements on a web application to improve the user experience by matching the page to the user's device.

Review this article <https://blog.froont.com/9-basic-principles-of-responsive-web-design/> and from each of the 9 highlighted principles, understanding these concepts, select your approach to each of the elements on your pages and indicate your approach to not less than four (4) of the following ideas.

- Responsive vs Adaptive design
- Using Static or Relative sizes?
- Flow or Static positioning for headers/footers/background images...
- Using Breakpoints
- Max and Min values?
- Nesting objects (use Partial Views?)
- Design for Mobile or Desktop first
- System fonts vs WebFonts
- Vector vs Bitmap Images

Submit (4 tasks!) Document (MS-Word or PDF) with screenshots AND descriptive text illustrating

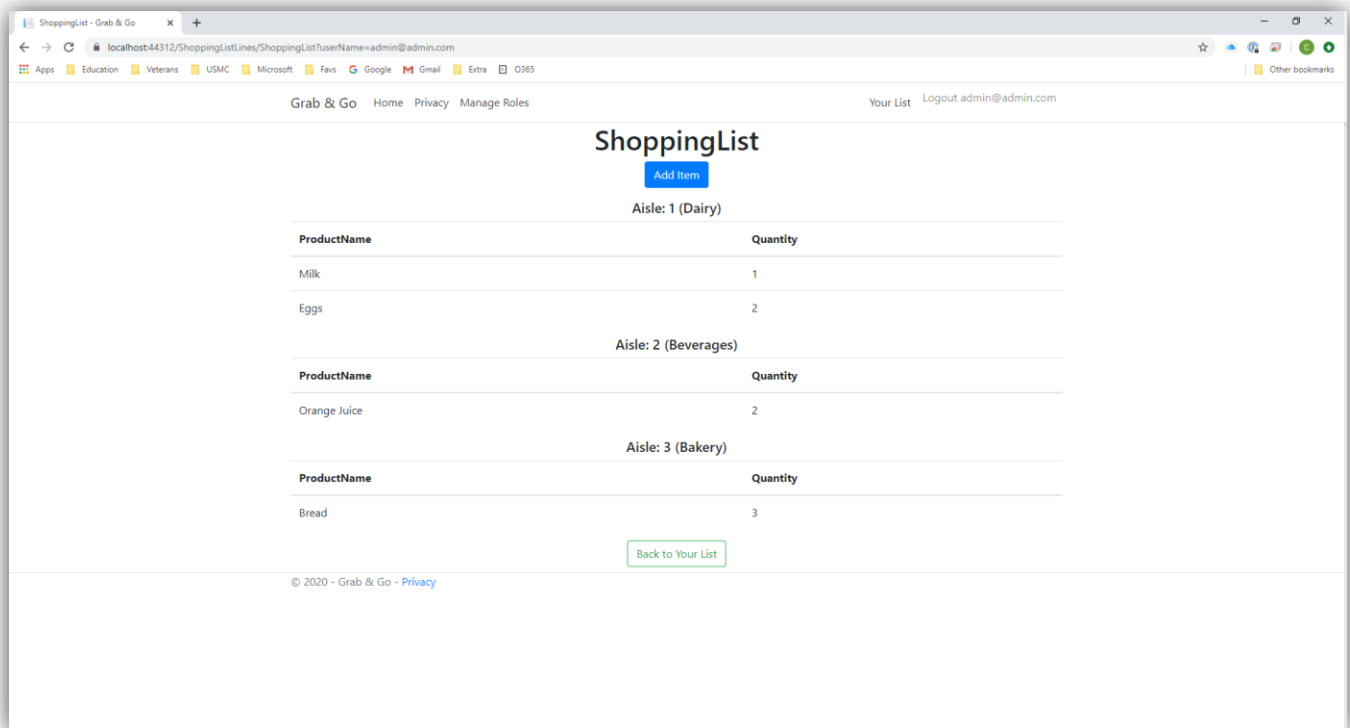
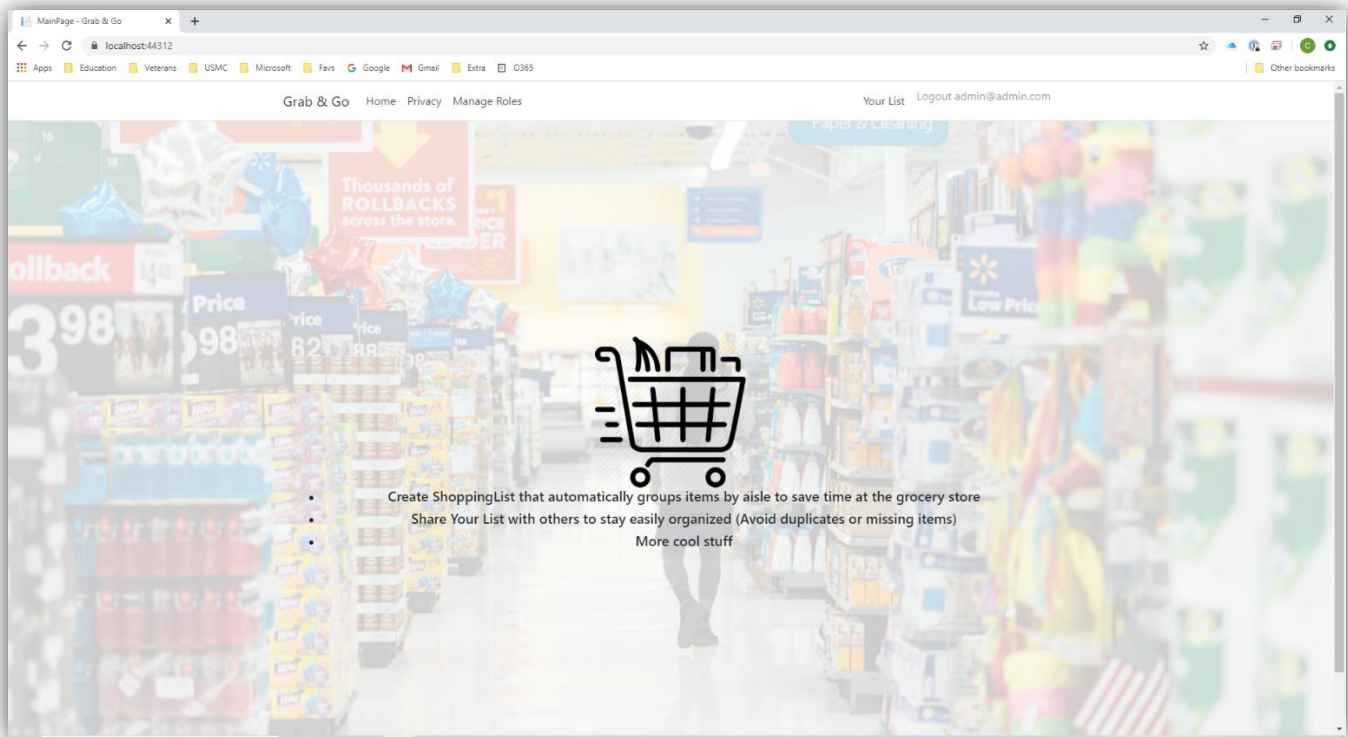
1. **Desktop View**
2. **Mobile View (use the responsive design tool in Google Chrome browser)**
3. **Rotated mobile view _for at least one or two pages (not a login screen) for your app. The text should indicate which of the approaches you used to enable responsive design.**

Additionally!

4. **screenshot your next (Sprint 3?) week's sprint planning board**

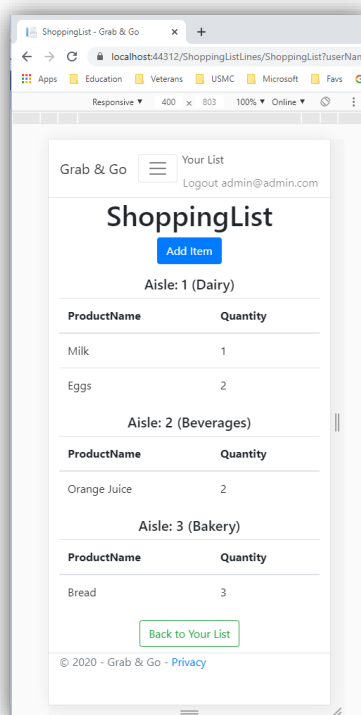
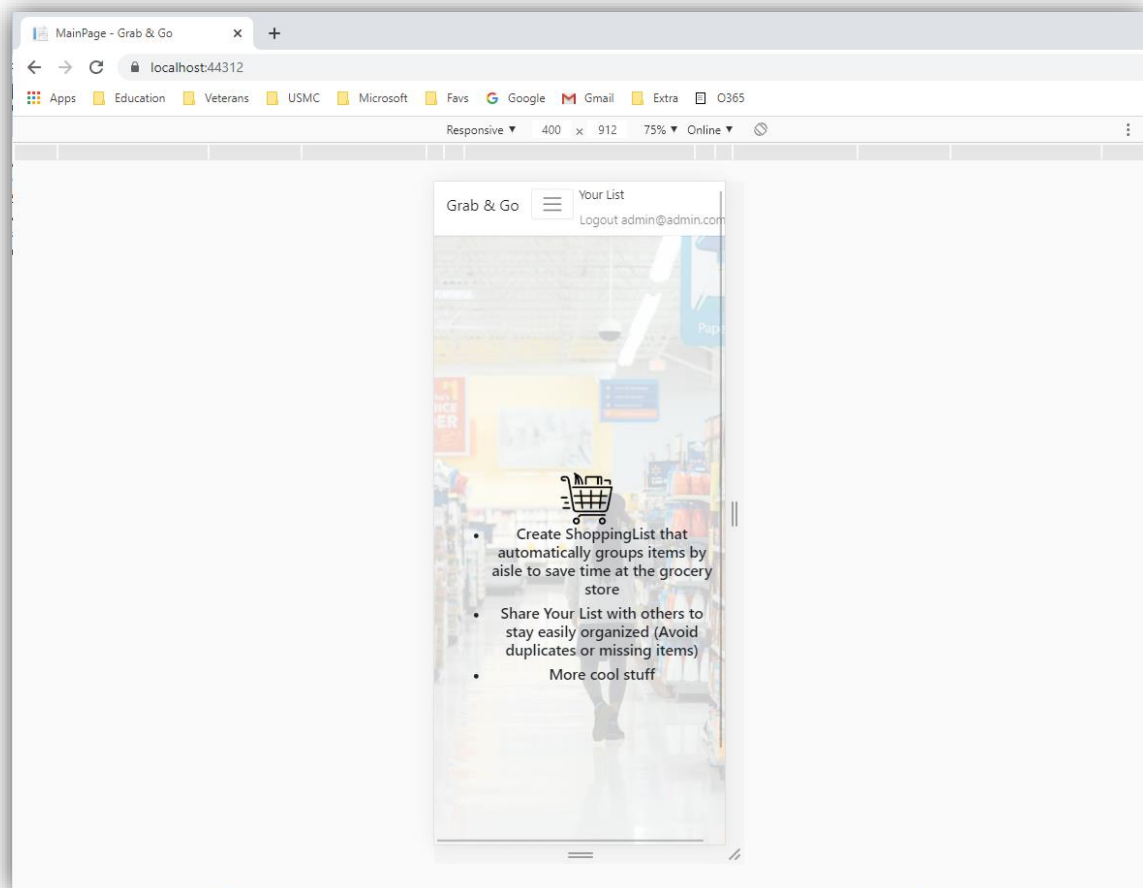
Screen shots are in the following pages:

1) Desktop View



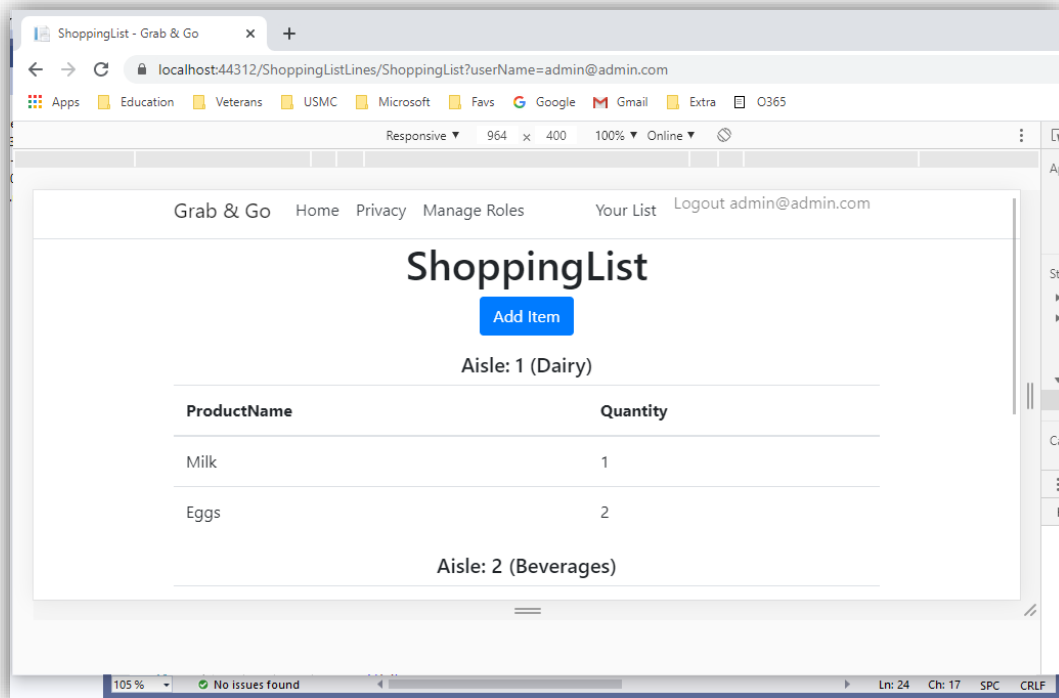
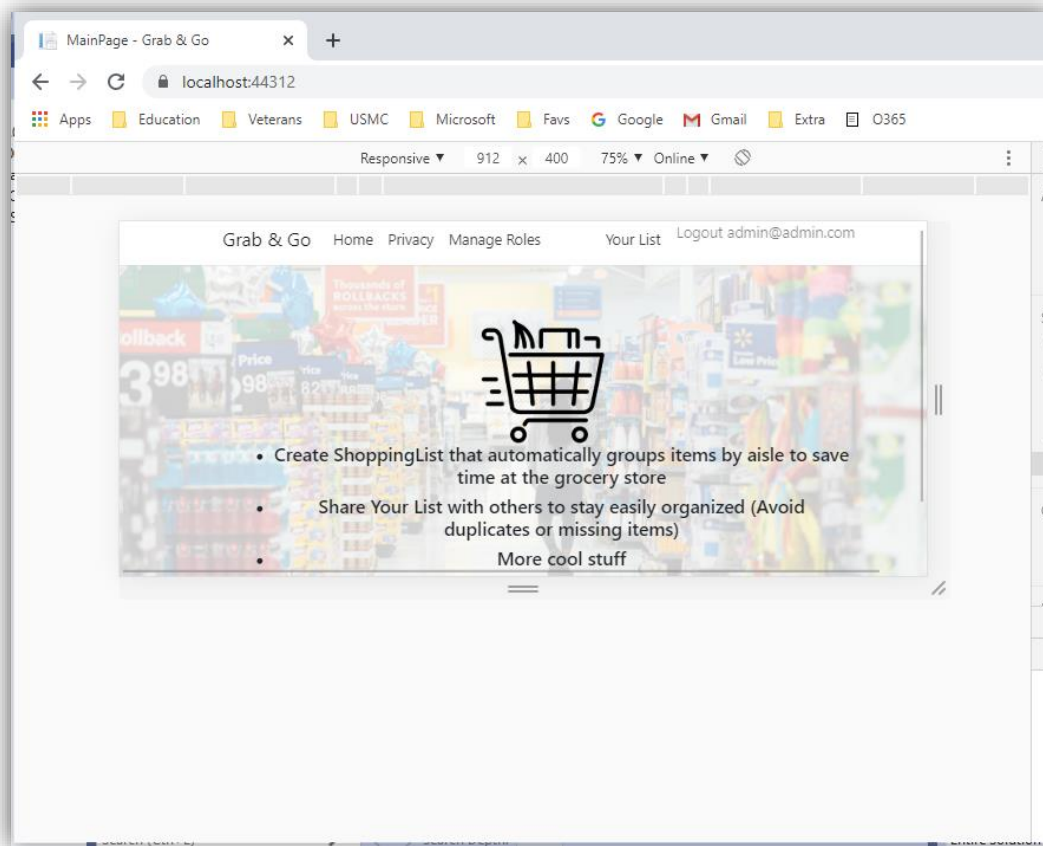
There is still a lot of work to be done as far as styling and flow of the application from page to page. The Home page I plan on moving the logo higher and having more descriptive and stylized information. As the page scales down to smaller screens the background picture and navigation portions scale appropriately. No breakpoints are used. The idea is to develop the application for the desktop and then tailor it to a mobile device as that is the most useful way to use this application in a grocery Store. Ideally, I would develop it for the Mobile device first but as this is my first application, developing for the desktop is a little more straight forward until I gain more knowledge and experience.

2) Mobile View



The mobile View allows the Menu bar to collapse into a “Hamburger” Menu button. The Responsive nature of the page allows for the scaling down of the Shopping List Horizontally and the same goes for the Logo on the Home Page. As the Shopping List grows, the user will be able to scroll vertically through the Aisles List.

3) Rotated View



The application is meant for either creating your list on a desktop or mobile device and then utilizing the mobile device while in a grocery store. The rotated View has not been a focus during development. I can see where using a tablet when creating the list could be advantageous to add features in the side bars. When in Shopping mode, rotating you mobile device could bring up the store map automatically. This is a feature I will add to my stretch/future development List.

4) Next Planned Sprint

Grab & Go - Sprint 4

Updated 2 minutes ago

8 To Do

1 Add Share List Logic

0 of 5

#31 opened by cjplesant88

CAT: 3 PRI: 2 enhancement

1 Add drop down for Store Preference upon Account creation / or default store

0 of 2

#23 opened by cjplesant88

CAT: 3 PRI: 2

1 Add the ability for a user to enter products in the database

0 of 1

#21 opened by cjplesant88

CAT: 2 PRI: 2

1 Format Sign up page to be more presentable

0 of 2

#13 opened by cjplesant88

CAT: 4 PRI: 3

1 Create an administrator page

2 of 3

#12 opened by cjplesant88

CAT: 2 PRI: 3

1 Research Algorithms for finding the fastest/quickest path

0 of 3

#6 opened by cjplesant88

CAT: 2 PRI: 2

1 Add ability for user to add a store

0 of 1

#22 opened by cjplesant88

CAT: 2 PRI: 2

1 Correct image overlap of Logo in Login Page

0 of 1

#8 opened by cjplesant88

CAT: 4 PRI: 4

0 In Progress

0 Done

Automated as Done

Manage

Moved the uncompleted items from sprint 3 to this weeks board. The focus of this week will be to Add Sharing a List Logic, Allow for changing of a Store preference, and cosmetic updates. Adding an administrator page to allow for user issues, store updates, and product updates in one place will be useful as well.