

Technologies

Client: JavaScript/React JS

Database:None

Requirements

Create a shopping website with the following features:

- 1) A page that displays the 5 or more products (images and descriptions) that may be purchased in various quantities. This, and/or an optional product details page, should allow the user to select a quantity for purchase.
- 2) A shopping cart page that shows the selected items and quantities of each user. This page should optionally allow the user to change quantities or remove items from the cart. This page should also allow the user to finalize their purchase.
- 3) An account creation/editing page where the user can create a new account or modify current details. This page should at least collect/update the user's shipping address. Other optional behavior could include password change. Optionally, account creation should be at the discretion of the user, so they may purchase anonymously.
- 4) A comments page where purchasers with accounts may rate and comment on products they have purchased with their account. They may optionally upload photos as well as enter comment text. This page should also display comments from others to the current user before and after the purchase.
- 5) A login element on every page that shows the user a login dialog for switching from anonymous shopping. The element should optionally switch to showing the user's name when logged in.

Data will be hardcoded, as demonstrated in class, in a way that can easily be replaced by data provided by server side APIs in subsequent assignments.

The pages could optionally include animated elements to enhance the appearance of the page.

Marks

A completely working and visually attractive project with none of the elements marked optional implemented will receive a mark of 54%. Proper use of Git and Azure DevOps is worth an additional 15%. The seven optional elements indicated above are each worth an additional 3% if implemented successfully. If the project contains an element that is not listed here, it will be considered for up to an additional 3% as well. You must indicate the nature of the element in accompanying documentation. Also note that 100% is the maximum grade available.

To best demonstrate your project in action, please create a short video of your application, demonstrating all the required and optional elements you have completed. The submission of a video is worth up to 10%.

If you do not contribute to the project as evidenced by Git repository commits, your mark will be reduced from the group's mark.