Capstone Ideas

Comic Book Discovery
Are you playing a lot of Marvel: Snap and discovering heroes or villains you never knew existed? Or perhaps you want some background on the characters in the latest comic book movie adaptation. This app will help you discover more information about comic book characters and their story arcs.

users can…
-manage a list of comic book characters they want to investigate
-manage comic issues to read with ability to mark issues as "read"
-manage fantasy teams of characters

1. **What goal will the website be designed to achieve?** To create an easy way to discover all comics containing specific characters and allow for the purchase of those comics.
2. **What is the demographic of users?** All ages, but designed for people who are new to comics.
3. **What kind of data do you plan on using?** I plan to use the Comic Vine API for comic book titles, cover art, and character information, an API for 2-factor authentication, Stripe API for accepting payments, Google Maps API for address validation, and an email API to send email to users.
4. **In brief, outline your approach to creating your project.**
   a. **What does your database schema look like?** See PDF

   b. **Is there any sensitive information you need to secure?** User passwords
   c. **What functionality will your app include?**
      i. Create new user
         1. Email user welcome message
      ii. Edit user information
      iii. Search by character
      iv. Manage wishlists
      v. Maintain list of issues owned by user based on purchases
      vi. Allow users to add ratings to issues
         1. Display average user rating for each issue
      vii. Add issues to shopping cart
      viii. Checkout
         1. Validate shipping address
         2. Accept payment

3. Email users order confirmation
    a. Thank you message
4. Email users shipping confirmation
d. **What will the user flow look like?**
    i. Create an account or login
    ii. Mark issues as read
    iii. Add rating for issues read
    iv. Search for characters
    v. Add issues to wishlist
    vi. Add issues to shopping cart
    vii. Checkout
    viii. View order history