1. What goal will your website be designed to achieve?
   1. The website will be similar to the way GoodReads operates where a user can keep track of what books they want to read, have read, and are currently reading by creating multiple bookshelves
2. What kind of users will visit? (demographics)
   1. Teens and adults
3. What data are you going to use? (API) What data do you want it to contain?
   1. Google Books API (uses OAuth not sure how that will work) – provide Authorization HTTP header with GET request
      1. The API should retrieve:
         1. Book title
         2. Author
         3. Description
         4. Genre
4. Outline:
   1. Database Schema
      1. Models
         1. Books
            1. Contains: id, title, author, description, genre
         2. Shelf
            1. Contains: id, title, description
         3. Bookshelf
            1. Contains: shelf id, book id
         4. User
            1. Contains: id, username, password, email, first\_name, last\_name, review
         5. Review
            1. Contains: id, username, content
   2. Potential issues with API
      1. Authentication with login could be tricky, Google account holders will have an easy time using this
      2. API not working
   3. Secure sensitive information
      1. Login/logout needs to be secure
      2. User information should only be viewed when user is logged in
      3. Review forms (hidden token)
   4. Functionality
      1. The user will be able to:
         1. Create an account
         2. Login/logout
         3. Create a “bookshelf”
            1. A user can create multiple bookshelves to organize books into whatever categories they want to
            2. Add a book to one of the lists:

Mark as read

Want to read

Currently reading

These could potentially just be another bookshelf a user can create, might not need to have them premade

* + - * 1. Remove a book from those lists
        2. Sort books in list: alphabetical, author, genre
        3. Submit a review
        4. Star rating (1-5) as part of review
        5. Favorite a book (with a heart icon – toggle function)

Create separate list that has favorites

* 1. User Flow
     1. Create Account using Email (create username/password)
     2. Login
     3. View account information
     4. Create bookshelf (list)
     5. Add books
     6. View bookshelf
     7. Remove books
     8. Select a book
     9. View book information
     10. Write a review (with star rating)
     11. Click heart icon to add to favorites list
     12. Logout
  2. Extra features beyond CRUD, stretch goals
     1. Favorite lists
     2. Submitting reviews