Statement of Purpose

Giving people a way to review books and find new books to read

Time Constraints

We have 4 or 5 weeks to get the project done with about 8 people. Due to this we stringent on what features we are going to implement because we may not get everything done. The main goal with this time constraint is starting with the most important things and slowly working towards the smaller details as to not overwhelm us at the very beginning with too much work.

Risks and Rabbit Holes

- creating a database
  - limit our scope and slowly build it up
  - splitting up into teams so not everyone is stuck on it
- sorting and recommending books
- time period to do it
- making the css
  - having design meetings as a group so eveyone agrees what it will look like
- convoluted code
  - comment your code
- navigation around the website
  - clear communication and planning
  - make a hierarchy of pages and start with the more important
- getting stuck on the small details
  - look at the big picture and slowly work on the smaller ones given time

No-Gos

- Do not start with recommender system
  - prioritize the ability to review books before we touch this
- Don't care about style in the beginning
  - prioritize functionality over looks

User Persona - Book Lover

Name:

Elizabeth

Photo:

Personal Motto:

There is no friend as loyal as a book

Bio:

Grew up in a small town and always could be found with their head in a book. Has their own personal library at home and is constantly trying to find their next great read.

Demographics:

- Degree in literature
- 25 years old
- lives in a small town
- volunteers at the library
- goes to book conventions

Personality Traits:

- homebody
- introverted

Motivations:

- want to find their next good read
- have a conversation about books
- find people that like the same things

Goals and Frustrations:

- not tech savy
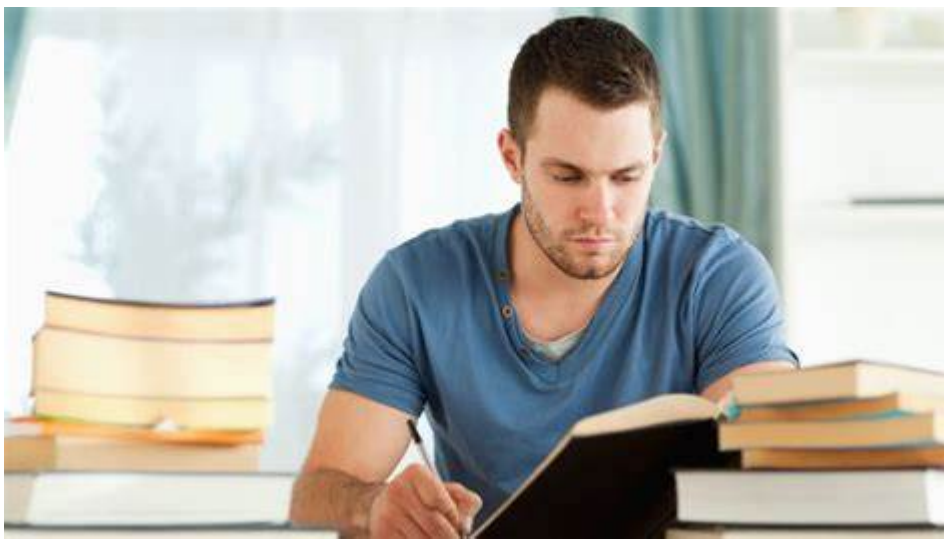- review books
- get good recomendations

User Stories

As a book lover, I want to find some good and interesting books, so that I can have some joy in my free time.

User Persona

Name: Learning Lenny

Photo:

Personal Motto:

E pluribus unum

Bio:

Lenny is a student looking forwards to college or a career. He is currently at school, which is where he has done most of his reading over the last few years. He wants to make any assignments that require reading more fun by finding books that he enjoys. He is also interested in exploring potential careers by reading books about them. He is worried about the potential for these to go wrong and wants to know others have used these successfully.

Demographics:

- Student
- Young adult

Personality Traits:

- Studious
- Motivated

- Somewhat tech-savvy
- hard-working

Motivations:

- Motivated to read primarily by the necessity of schoolwork.
- Remembers books that they have enjoyed in the past and wants to find similar books.
- Also wants to find books to improve, learn about potential interests.

Goals and Frustrations:

- Wants to find books that are interesting to read for school projects.
- Wants to advance their education and career.
- Frustrated with the difficulty of finding good books with the giant selection available.
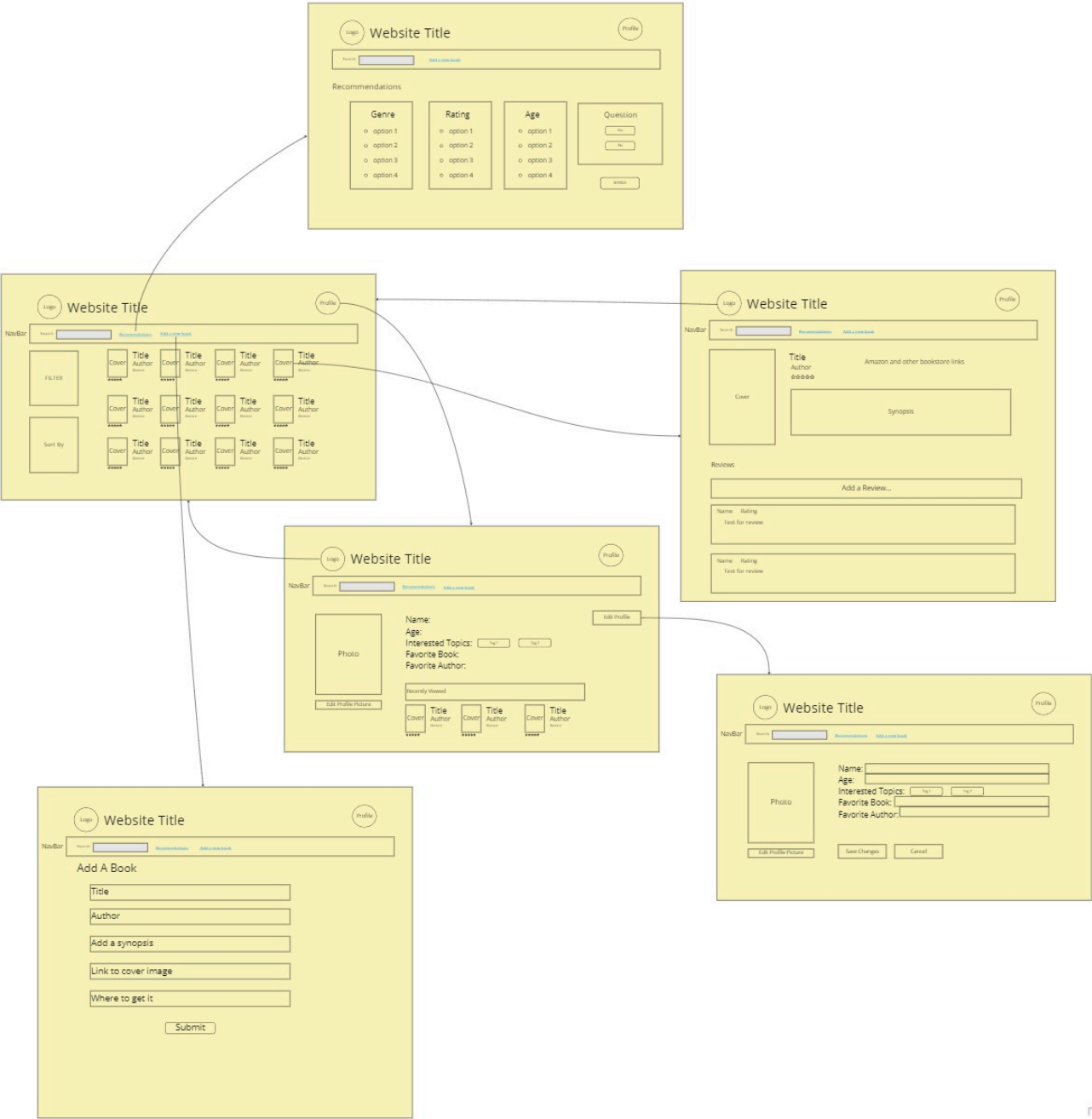
User Stories

As a student in college, I want to find some good books to help me study, so that I can do better in classes.

As an older person who loves to read, I would love to have a very easy website to use so that I can find new books to read.

System Diagram (Draft)

Wire Frames

Road Map

Roadmap

Week 6

Start research on databases

Start making the bare html of the website (decide on final design of website)

work on pipeline

Week 7

finish bare html of site

start making the database for the site

start adding css to the website

work on pipeline

Week 8

Continue work on making the database

Finish combining the css and html

add capability to review books

work on pipeline

Week 9

add ability to search for books

add ability to create profile

add recomendations (if have time)

make sure the whole website works

Week 10

Quality Assurance

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