Shelf

Your Home Library

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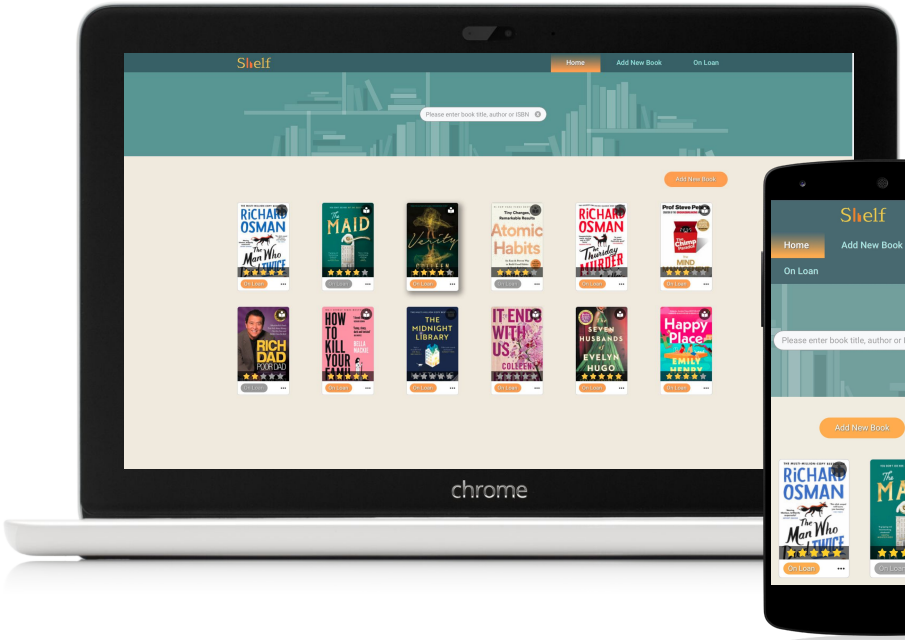
Shelf
Your Home Library

Elevator Pitch

Shelf is a user-friendly React-based single page application.

It serves as a record-keeping system for your personal book collection.

It is a convenient way to store all information about books you own and be able to access it from any device wherever you are.



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Concept

User story:

I have a lot of books at home. I want a digital solution to organize and manage my extensive book collection:

- What books do I have at home?
- Which books I have read?
- What was the book about, my opinion about it, any other notes I want to leave for myself about the book?
- Do I have it at home, or borrowed it to a friend?

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Concept

- I want to easily view my book list and see what books I already have. When I'm at the bookstore and considering buying a new book, I can quickly check my phone to see if I already own it.
- I could search for the book by title, author, genre.
- If I borrow books to friends, I would like to keep track of it – to whom and when I have borrowed it. I could see a status of the book – home or borrowed.
- I want to add new book quickly to the app by entering ISBN number, title or author. I do not want to make a catalog of the books manually; it is very time consuming. I want to use a worldwide accessible database. That should give me an author, title, genre, thumbnail image of a book cover, description would be a bonus.
- I want an app to look pleasing for the eye, simple, intuitive, quick to use.
- App should look good on all desktops, tablet, phone.

All information about my books in one place!

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App Demonstration

https://home-library-app.netlify.app

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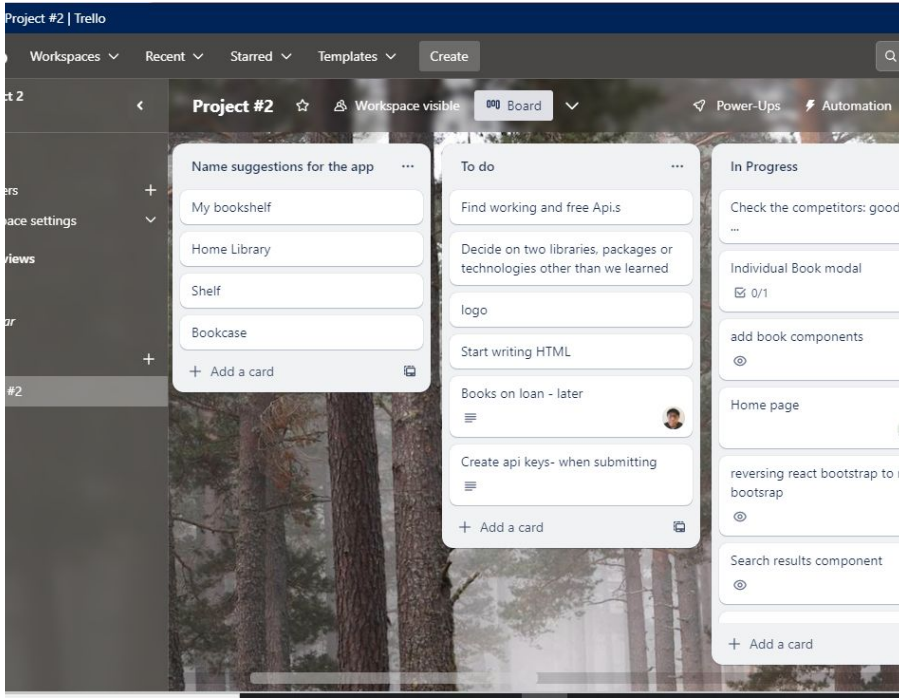
Development Process



- Initial planning
- Find and love the idea
- Market research
- Unique selling point

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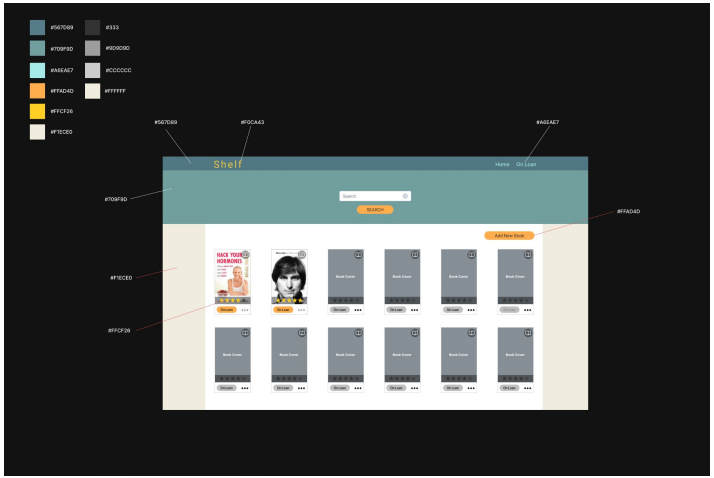
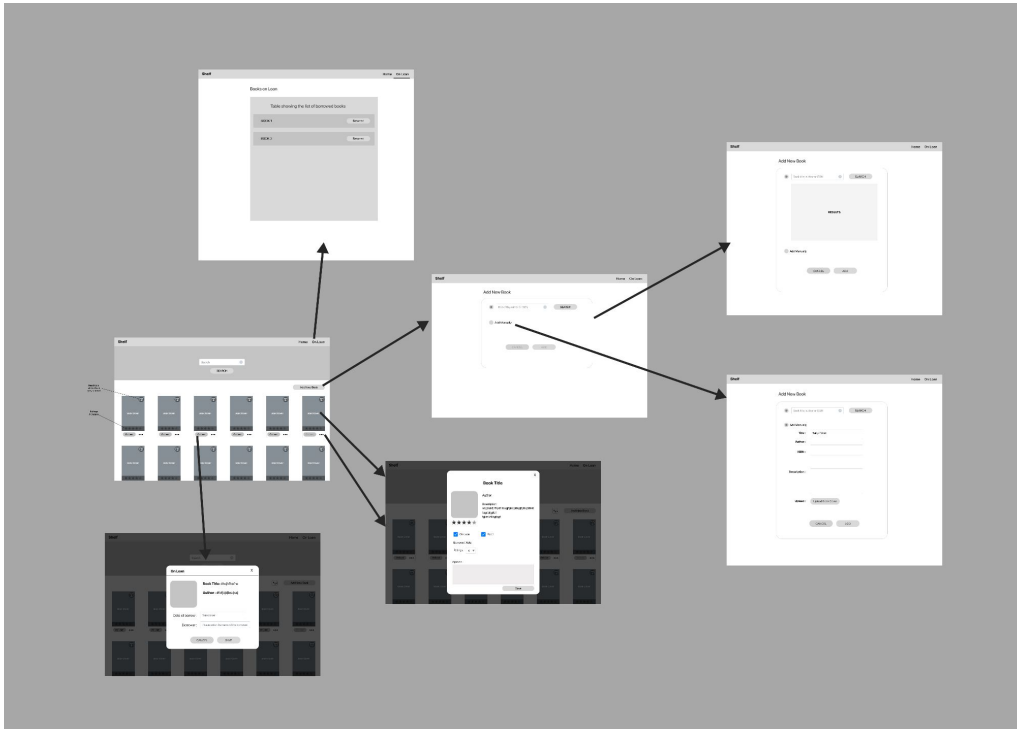
Wireframe and Mock-up Design





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Technologies

- React
- Bootstrap
- Google Books Api
- Npm Toastify
- Npm React Datepicker
- Netlify
- Node.js
- JavaScript/CSS/HTML
- GitHub
- Trello
- Figma
- Adobe Illustrator
- Slack
- Google Slides

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Breakdown of tasks and roles

- **Adrian:**
  Visual: Brings idea to wireframes and mockup designs, set up color theme and design direction of the App. Logo design and graphics design of the app.
  Technical: Set up the start up code for the team, created Library component, worked with other teammates on their components, create logic to handle the data transfer and update throughout all components.
- **Asta:**
  Found the idea. Created and styled On Loan component and Book Modals.
  Also contributed to Add New Book component. Wrote Readme file.
- **Fatma:**
  Worked on Add New Book component
- **Eleasha:**
  Created and styled Navigation and Search components
  Found the name Shelf. Created presentation slides

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Successes

- Our first idea worked!
- Excelled team collaboration skills
- Increased confidence
- Learned new technologies
- Gained more experience with React
- Achieved MVP

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Challenges we faced

- Branch issues
- Merge and pull requests- resolving conflicts
- Using React logic
- Time constraints- project timeline

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Future developments

- Create database solution
- Marketing
- Monetisation

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Links

Application: https://home-library-app.netlify.app

Repository: https://github.com/AstaRem/home-library-app

Scan to view our application on your phone or tablet

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Thank you