React Project

You've spent the last two weeks on a whirlwind tour of React and some of its most popular features and libraries in its ecosystem. Now, you get to do something substantial with it while it is fresh in your minds.

This week and next you have the opportunity to write a compelling full-stack application to go into your portfolio. It should be something that you can display to demonstrate the skills that you've picked up over the past two weeks. While you do have to use React, the rest is up to you, but we recommend that you use Hooks in your project because those are the latest way that people build things in React and will be most appealing to people that are looking at your project.

Because this is an individual project, you have full freedom (and ultimately responsibility) of being able to get something done. Just make sure you scope the amount of work into something that you feel is best for your week's worth of time. Use your newly-found knowledge of how long it took you to build your other project to determine how much you could get done on your own.

Homework

Think about what you'd like to do, poke around Programmable Web, go back and look at all of the group projects, look at the list of projects at the end of this article. Find something that you would like to do. You already have a strong knowledge of how to build a data API. You have the code to hook in authentication using JWTs from your Authenticate Me Front & Backend Project. You can reuse your models and migrations from earlier projects.

Planning Day

Put together your proposal. In software development, normally, a week of planning can give you about three months of work. So, your day of figuring out what you'd like your app to do should give you a week

Project ideas

Here is that list of project suggestions, again, with their different requirements. Feel free to do one of them, if you think you have time.

Asana
- Projects
- Tasks
- Teams
- Profile for each user
- Bonus: Calendar
- Bonus: Comments on tasks

Bandcamp
- Artist page
- Song player
- Search
- Upload/download songs
- Bonus: Purchase songs
- Bonus: Follows

Basecamp
- To-do Lists
- Basecamp Home View
- Message Board (post questions and allow comments/answers)

- Schedule
- Bonus: Upload Documents & Files
- Bonus: Messaging within a basecamp

BillPin
- Friends
- Feed with transactions
- Owes me/ I owe
- Split bill
- Bonus: profile

BrainScape
- Create/Delete Decks
- Study Decks
- Tags/Categories
- Search
- Bonus: Badges (associated with progress)
- Bonus: Animation

Couchsurfing
- Spots
- Bookings
- Spots search (by location & availability) & Google Maps on search
- Reviews
- Bonus: Messaging
- Bonus: User/host profiles

Etsy
- Product Listings
- Shopping Cart
- Comments / Reviews
- Search
- Bonus: Categories
- Bonus: Favorites

Eventbrite
- Events
- Registration / Tickets
- Categories

- Bookmark events
- Bonus: Google Maps integration
- Bonus: Search

Evernote
- Notes
- Notebooks
- Tags
- Rich-text editing
- Bonus: Reminders
- Bonus: Search
- Bonus: Auto save

Flickr
- Photos
- Albums
- Comments
- Tags
- Bonus: Favorites
- Bonus: Follows

Goodreads
- Books
- Bookshelves
- Reviews
- Read Status (will read, have read, etc.)
- Bonus: Search across multiple models
- Bonus: Tags

HipCamp
- Spots
- Bookings
- Spots search (by location & availability) & Google Maps on search
- Reviews
- Bonus: Messaging
- Bonus: User/host profiles

Indiegogo
- Profiles
- Campaigns
- Contributions
- Rewards
- Bonus: Categories

- Bonus: Follows

Instructables
- Projects
- Commenting on projects
- Adding photos and videos to projects
- Searching projects by keyword
- Bonus: Featured project channels
- Bonus: Categories

Kickstarter
- Projects
- Backing projects & rewards
- Search
- Categories / Discover feature
- Bonus: Likes
- Bonus: Credit card payments

Medium
- Stories
- Commenting on stories
- Follows and feed
- Likes
- Bonus: Topics/categories
- Bonus: Bookmarks

OpenTable
- Create and search restaurants
- Reservations
- Ratings/reviews
- Favorites
- Bonus: Discover/explore
- Bonus: points for bookings and usage of site

Pinterest
- Profile
- Boards and Pins
- Follows
- Discover feed on home page
- Bonus: notifications

- Bonus: private boards
- Bonus: likes

Poll Everywhere
- Questions
- Web URL to take poll
- Live-update Poll view
- Group/Ungroup Questions
- Bonus: Text to polls
- Bonus: Reports

Product Hunt
- Products
- Profile Page
- Product Discussion
- Search (Users or Products)
- Bonus: Collections
- Bonus: Upvotes and Tags

Quora
- Questions
- Answers/comments on answers
- Search Questions
- Topics/Tags
- Bonus: Upvotes, order questions by popularity
- Bonus: Replies to comments

Remember the Milk
- Tasks
- Lists
- List summary (time, num tasks, num completed)
- Search
- Bonus: Autocomplete SmartAdd of task properties
- Bonus: Subtasks

Robinhood
- Dashboard & Portfolio
- Asset/Stock Detail
- WatchList
- Asset/Stock Search

Soundcloud

- Song CRUD
- Playing songs with progress bar with continuous play
- Comments
- User pages
- Bonus: Wave Forms
- Bonus: Playlists
- Bonus: Likes

SplitWise

- Friending
- Bills
- Transaction History
- Comments
- Bonus: Groups
- Bonus: Fake "checkout"

Stack Overflow

- Ask Questions
- Answer Questions
- Search for Questions
- Upvote / Downvote Answer
- Bonus: Question Categories
- Bonus: Comment on Questions / Answers
- Bonus: Polymorphic Up/Down Votes: Questions, Answers, Comments
- Bonus: Code Snippets in Answers