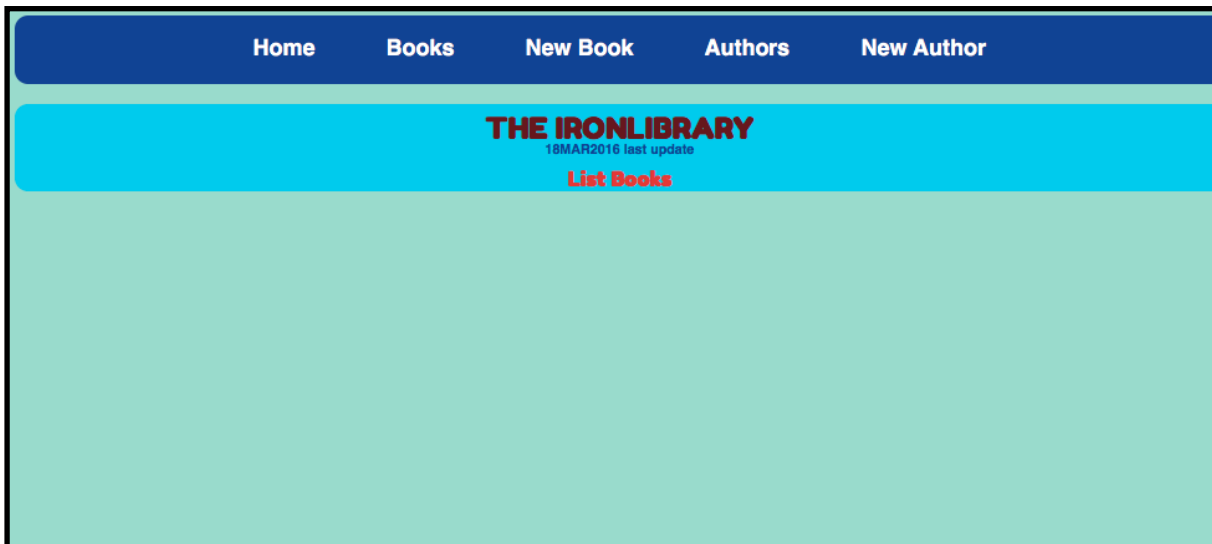


## THE IRONLIBRARY

The IRONLIBRARY is a simple manager for a book list. A book and book author may be entered into the library and displayed by list to include the book price and a small biography of the author. The collection of books may be displayed by book or by author. The library also includes a function to edit or delete a particular entry.

Shown below is the welcome page shown upon calling the url: `http://localhost:3000`. Page provides a starting point from which to access the other pages. The NAV bar at the top of the page will follow the user through the “pages” of the library and may be used to jump to other features of the library. Alternatively, from the List Books link on this page, the library book list may be viewed. This link is equivalent to the Books link in the NAV bar.



The Books list as shown includes the book title, author and book price. The ViewDetails link provides a view of the book cover. The ViewDetails page also includes “buttons” to edit or delete the books record entry.

Home Books New Book Authors New Author				
Books				
Title	Author	Details		
Agile Web Development with Rails 4 (Facets of Ruby) 1st Edition	Sam Ruby	<a href="#">View Details</a>	\$ 28.71	
JavaScript for Kids A Playful Introduction to Programming	Nick Morgan	<a href="#">View Details</a>	\$ 25.58	
Ruby Wizardry An Introduction to Programming for Kids Paperback	Eric Weinstein	<a href="#">View Details</a>	\$ 23.08	

The Authors page lists the library content by author. The ViewDetails link will provide a list of the libraries books sorted by author. Additionally, a short author biography is found in the ViewDetails link.

Home Books New Book Authors New Author		
Authors		
Last Name	First Name	Details
Sam	Ruby	<a href="#">View Details</a>
Nick	Morgan	<a href="#">View Details</a>
Eric	Weinstein	<a href="#">View Details</a>

The screenshot shows a web interface with a dark blue navigation bar at the top containing the links: Home, Books, New Book, Authors, and New Author. Below the navigation bar is a light blue header section with the title "New Author" in bold red text. The main content area has a light green background and contains the following form fields: "First name" with a text input, "Last name" with a text input, and "Authorbio" with a text input. Below these fields is a red "Create Author" button.

The remaining NAV menus for New Author and New Book are required for entering book information records into the library. These fields must be populated to enter a record into a database field.

The screenshot shows a web interface with a dark blue navigation bar at the top containing the links: Home, Books, New Book, Authors, and New Author. Below the navigation bar is a light blue header section with the title "New Book" in bold red text. The main content area has a light green background and contains the following form fields: "Title" with a text input, "Price" with a text input, "Author" with a dropdown menu showing "Please select" and a blue arrow, and "Photo" with a "Browse..." button and the text "No file selected.". Below these fields is a red "Create Book" button.

## Library Maintenance:

Creating the library using a seed file provides a method for adding multiple first time entries. Seed file is found in the rootpath/db/seeds.rb file. The seeds file appears as,

```
Book.delete_all
Author.delete_all
```

```
if Author.count == 0
```

```
  sam = Author.create first_name: 'Sam', last_name: 'Ruby', authorbio: 'Sam Ruby is a prominent software developer who is a co-chair of the W3C HTML Working Group and has made significant contributions to many of the Apache Software Foundation open source software projects. He is a Senior Technical Staff Member in the Emerging Technologies Group of IBM. Dave Thomas, as one of the authors of the Agile Manifesto, understands agility. As the author of Programming Ruby he understands Ruby. And, as an active Rails developer, he knows Rails. David Heinemeier Hansson is the creator of the Rails framework.'
```

```
  nick = Author.create first_name: 'Nick', last_name: 'Morgan', authorbio: 'Nick Morgan is a fronted engineer at Twitter. He loves all programming languages but has a particular soft spot for JavaScript. Nick lives in San Francisco (the foggy part) with his fiance and their fluffdog, Pancake. He blogs at skilldrick.co.uk.'
```

```
  eric = Author.create first_name: 'Eric', last_name: 'Weinstein', authorbio: 'Eric Weinstein has helped millions of people learn to program through CodeAcademy, where he designed and authored the Ruby curriculum. He has also taught creative writing to undergraduates and veterans at NYU, where he was a Veterans Writing Workshop Fellow. He writes Ruby for a living in New York City.'
```

```
end
```

```
if Book.count == 0
```

```
  Book.create title: 'Agile Web Development with Rails 4 (Facets of Ruby) 1st Edition', price: '28.71', author_id: sam.id
```

```
  Book.create title: 'JavaScript for Kids A Playful Introduction to Programming', price: '25.58', author_id: nick.id
```

```
  Book.create title: 'Ruby Wizardry An Introduction to Programming for Kids Paperback', price: '23.08', author_id: eric.id
```

```
end
```

Images used in the database are stored in the image folder found at, rootpath/app/assets/images/imagefile.