

Galvanize Reads Assessment

Description

Background

Galvanize Reads is a book catalog service that stores a list of recommended technology books. You are building a web app for them. It should allow you to:

- List books and authors
- Add books and authors
- Modify books and authors
- Remove books and authors

There are some additional features, such as search, that are nice-to-haves, but a lower priority than the core features. The folks at Galvanize Reads have provided you some sample data from their existing registry that you can use for testing.

Import stories into Pivotal Tracker

Import this [CSV](#) into a new project in Pivotal Tracker to get the requirements for this story. They are prioritized. You may find it useful to size the stories before you begin.

```
Id,Title,Labels,Iteration,Iteration Start,Iteration End,Type,Estimate,Current State,Created At
110938488,"As a user, I need to be able to identify the company",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938504,"As a user, I need to be able to list all the books",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938528,"As an admin, I need to be able to add a book",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938538,"As an admin, I need to be able to delete an existing book",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938552,"As an admin, I need to be able to edit existing books",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938580,"As a user, I need to be able to link to a specific book",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938586,"As a user, I need to be able to list all the authors",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938632,"As a user, I need to be able to easily navigate between books and authors",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938640,"As an admin, I need to be able to add an author",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938660,"As an admin I need to be able to delete an existing author",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938680,"As an admin, I need to be able to edit existing authors",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938684,"As a user, I need to be able to link to a specific author",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938710,"As a user, I need to be able to link to an author from a book.",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938702,"As a user, I need to be able to link to a book from an author",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938720,"As a user, I need to be able to filter books by genre",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938730,"As a user, I need to limit the number of book results I receive at a time",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938738,"As a user, I need to limit the number of authors I receive at a time",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938750,"As a user, I need to search for books",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938754,"As a user, I need to be able to search for authors",,,,,1,"Dec 28, 2015","Jan 3, 2016",
110938756,"As a user, I need to be able to search for books and authors",,,,,1,"Dec 28, 2015","Jan 3, 2016",
```

```
110938764,"As a user, I need to be able see the total number of books","",1,"Dec 28, 2017"
110938768,"As a user, I need to be able to see the total number of authors","",1,"Dec 28, 2017"
```

Sample Data

Your app should accomodate and make use of all of the sample data, which can be downloaded [here](#). Note that the data is denormalized, and will additionally require some transformation to get into the database.

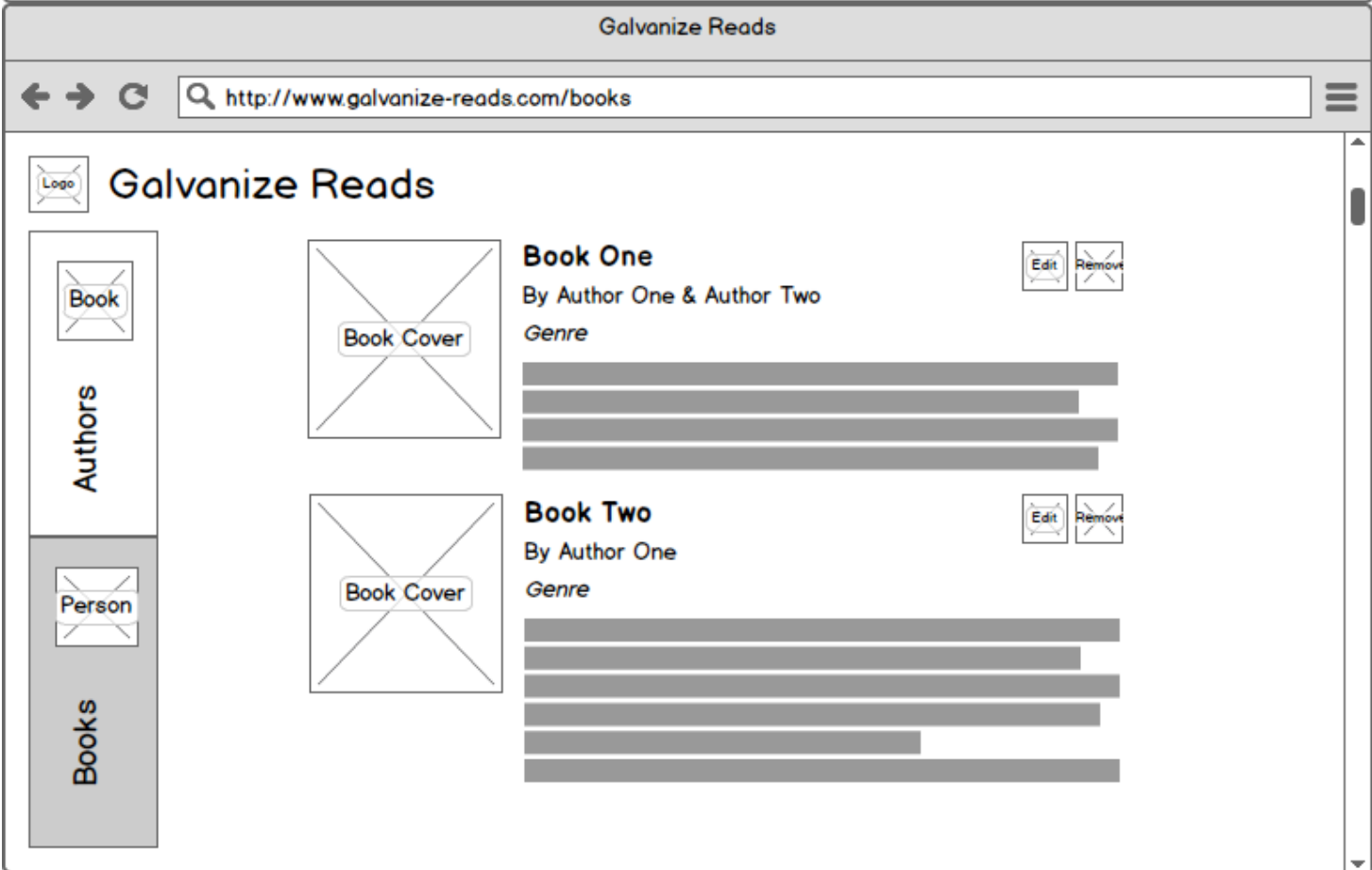
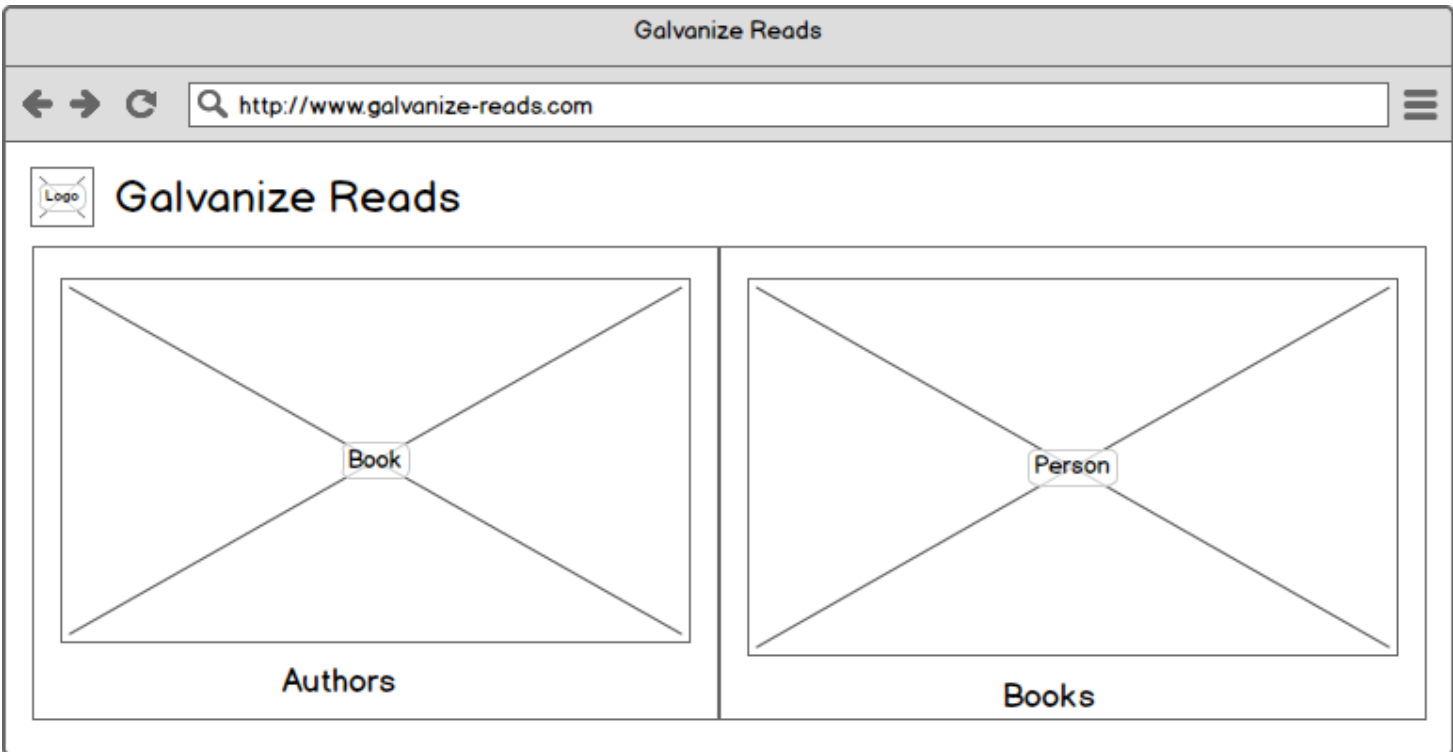
ID	Book Title	Book Genre	Book Description	Book Cover URL	Author 1 First Name	Author 1 Last Name
1	Python In A Nutshell	Python	"This book offers Python programmers one place to look wh			
2	Think Python	Python	"If you want to learn how to program, working with Python is an e			
3	Learning React Native	JavaScript	"Get a practical introduction to React Native, the J			
4	You Don't Know JS: ES6 & Beyond	JavaScript	"No matter how much experience you have wi			
5	You Don't Know JS: Scope & Closures	JavaScript	"No matter how much experience you hav			
6	You Don't Know JS: Async & Performance	JavaScript	"No matter how much experience you			

Notes

- You can use a styling library if you'd like
- You can use server-side templating or AJAX/RESTful services. There are trade-offs with each, but server-side templating will likely be faster to build.
- You can use a raw database driver, a query builder, or an ORM for your database connection. A query builder, such as Knex, is recommended.
- Use feature-branch workflows. You should end up with one commit for each feature.
- Deploy your work

Wireframes

You can use these wireframes as a reference.





http://www.galvanize-reads.com/books/1



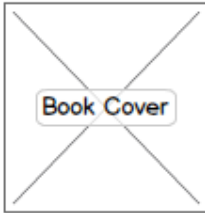
Galvanize Reads



Authors



Books



Book One

By Author One & Author Two

Genre





Galvanize Reads



Authors



Books

Title

Genre

Cover Image URL

Description

Authors

Add Author

Add Book



Galvanize Reads



Authors



Books

Title

Genre

Cover Image URL

Description

Authors





http://www.galvanize-reads.com/books/1/delete



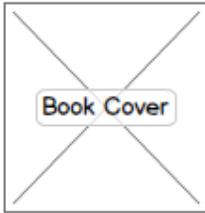
Galvanize Reads



Authors



Books



Book One

By Author One & Author Two

Genre



Delete Book One?



Galvanize Reads

Book

Authors

Person

Books

Portrait

Author One

Edit

Remove



Books

Book One

Book Two

Book Three

Portrait

Author Two

Edit

Remove



Books

Book One

Book Three



http://www.galvanize-reads.com/authors/1



Galvanize Reads

Book

Authors

Person

Books

Portrait

Author One

Edit

Remove



Books

Book One

Book Two

Book Three



Galvanize Reads

Book

Authors

Person

Books

First Name

Last Name

Portrait URL

Biography

Books

Book Two

Remove

Book Three



Add Book



Galvanize Reads

Book

Authors

Person

Books

First Name

Last Name

Portrait URL

Biography

Books

RemoveRemove



http://www.galvanize-reads.com/authors/1



Galvanize Reads

Book

Authors

Person

Books

Portrait

Author One



Books

Book One
Book Two
Book Three

Delete Author One?