

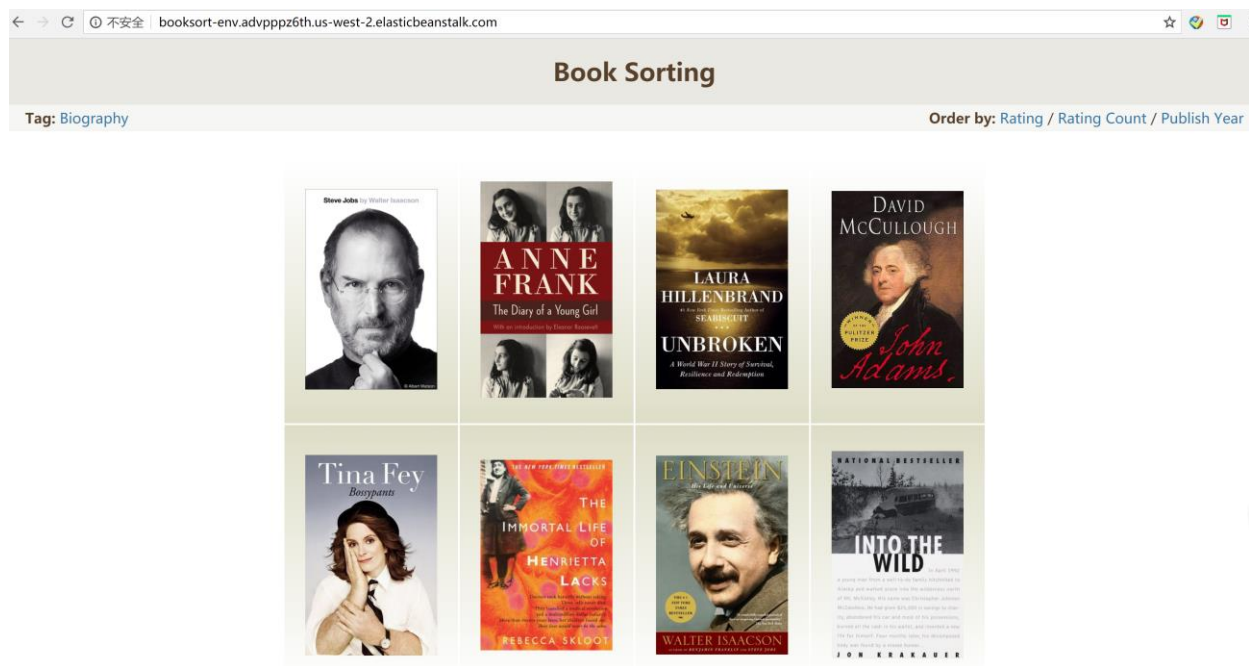
Week 4 Report

In this week,

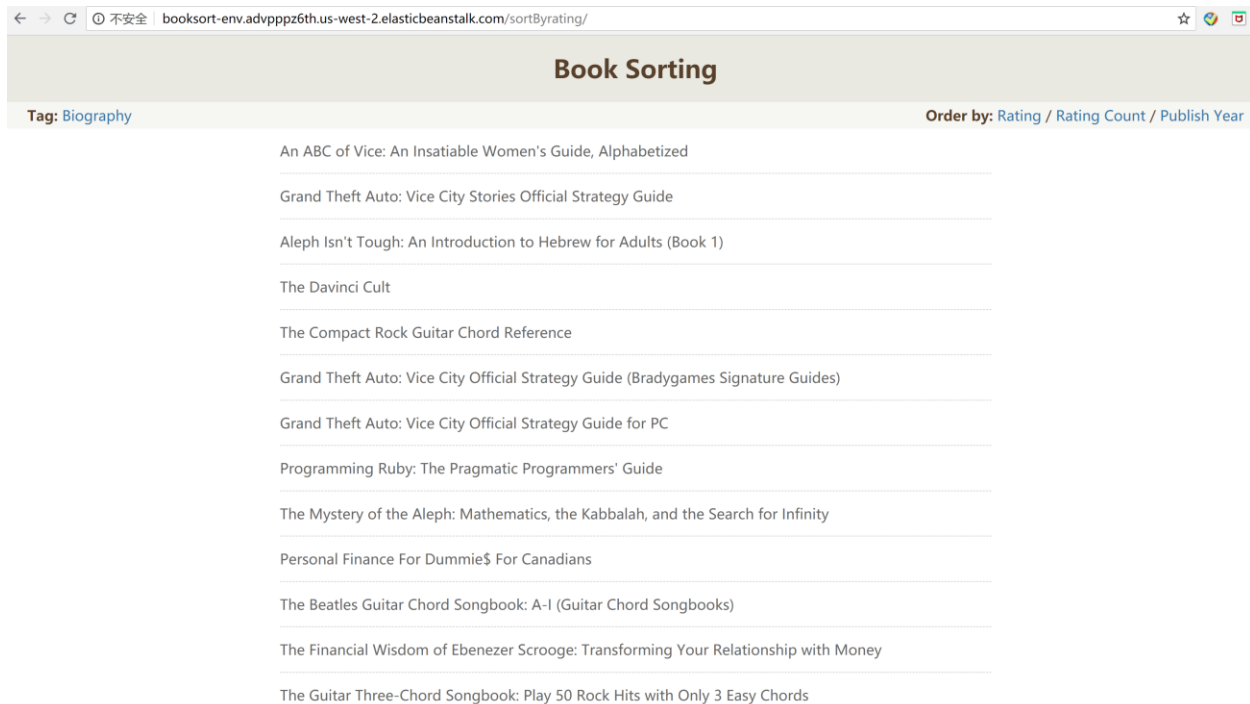
1. I deployed my project to the AWS Elastic Beanstalk in an Amazon EC2 instance. Because I have trouble when I try to deploy it into the university web server, so I choose to use the web server that provided by Amazon Web Services. It costs so much time to be familiar with the deployment and connect with my database.
2. I created my MySQL database in Amazon Relational Database Service (RDS) and connected it with my project.
3. I designed a simply index page of my website and also achieve the sorting according to the Rating of each book.

Now my project can be reached by using URL: <http://booksort-env-2.kir74pueej.us-east-2.elasticbeanstalk.com/sortByrating/>, and also in my student cs.uml.edu web page, there is a link to the URL showed above: https://www.cs.uml.edu/~wma/513_f2018.html.

Index page as below: (Note: the cover of books are just to display, there is no specific meaning. Maybe I will change them in the future.)



So far, User can only do Rating sorting by click “Rating” follow the “Order by:” and it showed:



In the next week, I will:

1. Add more element into my web page, such as the button to load more books and the cover images of books.
2. Collect new books' data and have a collection of data in my database. Because I found that the data from Kaggle (<https://www.kaggle.com/gnanesh/goodreads-book-reviews>) does not provide the publish year of books, and there is no “genre” attribute, so I decide not to use the data from Kaggle and I will collect the data by myself.

All of the data will come from the website *Goodreads* (<https://www.goodreads.com/>).