Brickollect

● ● ●

Lego Collection Tracker and Idea Sharing Platform
Cameron Paris
@CameronParis on github

Description

As an avid Lego fan, I utilize a site called Rebrickable.com to track my collection and explore new possibilities for creations that can be constructed from my current sets. This project is my take on this type of site; my main goal with this project is to learn how to use an API and to improve my front-end design skills. It will also serve as practice in database creation and management.

Features

- Currently just a really snazzy landing page

Planning - User Stories

- Users can create and login to an account
- Users can see a list of recent creations
- Users can search a list of sets so that they can be added to their collection
- Users can create an MOC, with a list of parts and building directions, and share it with the community

Planning - DB and Models

Model Classes / Tables

- User
- LegoSet
- LegoCollection
- LegoPart
- Theme
- Moc

Technology Stack

- Java
- Spring MVC
- Hibernate
- MAMP
- MySQL
- Thymeleaf
- Bootstrap

Demo

What I Learned / Will Learn

- Bootstrap classes
- API calls*
- Account creation with Spring Security*

What's Next

- Account Creation
- MOC submission, viewing, and voting
- Searching for / adding sets to collection
- Getting build ideas from a list of owned sets