

Lego Set Tracker

An easy way to keep track of your inventory

Description

While working for The Lego Group I encountered the statement, “I have no idea what sets my child already has” on a daily basis. I wanted an easy way for kids and parents to track their sets as well as create a wishlist for birthdays and holidays so each kid’s family and friends can easily pick out a set.

This app should make a kid friendly, simplistic way to log each set you own as well as make and view friends’ wishlists to easily know what to purchase

Features

- Anyone with an email can create a user
- Users can browse every Lego set and add the ones they own to their database
- Users can make a public wishlist for family and friends to see
- Users will not be able to make an extensive profile, this is for safety reasons
- Users can view friends wishlist and check off which sets they have purchased for their friends without alerting them

Planning - Users

- Users can log in via Spring Security
- Friends list for each user
- Users can browse Lego sets
- Users can make a public wishlist

Planning - DB and Models

- Lego set name
- Set number
- Genre
- Year
- Pictures and names listed

Technology Stack

- Java (1.8)
- IntelliJ
- Gradle
- Bootstrap
- Thymeleaf
- MySQL

Demo

What I learned

- **AGILE**
- **Integrating APIs**

What's next?

- **Learn to send Email pings for new product**
- **Making app Mobile**
- **Users adding custom built sets to their profile**