

Project Outline

Description

As a product owner, I want a web application that I can host on my shitty gaming PC that acts as a management application for Lego Sets so that I have something to deliver to my clients that want to keep track of parts, minifigures, & instructions. Ability to search sets via character (minifigure) name.

What We'll Be Building

A full-stack web application that will have a persistent storage layer in the form of a database, will serve dynamic web content based on MVC design philosophy, and empower the user through a custom API with full CRUD capability.

Achievability

Working in an agile environment, our team, BlockHeads™, will work to achieve the above product requirements by adhering to standard practices such as 2 to 3 week sprint cycles, 1 to 2 standups per week, etc. This will all be achieved through the iterative Software Development Life Cycle (SDLC). By designing, implementing, testing and delivering working software on sprint-to-sprint basis until we have a working MVP to release.

Tech Required / Skills

- Spring Framework (Spring Boot)
- ReactJS
- SQL (SQL Lite) / NoSQL (MongoDB)
- Figma (Design Software)
- Languages: Java, JavaScript, TypeScript, SQL, HTML/CSS
- Unit Testing
- AWS (EC2 Instance) - Cloud Hosting
- Linux (Ubuntu Distro)
- Git (Source Control)
- Bash Scripting