

Crossover

Library Solution

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1. Introduction

This document describes in details design details for library solution.

2. Technologies List

1. Spring boot
2. Spring data rest
3. Spring data mongodb
4. Spring ws
5. Swagger UI
6. Swagger Doc's
7. Spring Web
8. Spring security
9. Thymeleaf templates
10. Junit / mockito

3. Architecture

- Crossover library solution designed based on micro services architecture in order to provide separation of concern and provide high modularity.
- Solution consists of three parts :
 - Books API – which mainly concerned with all functionality for books.
 - Profile API – which concerned with all business and functionality for users , like signup , add demand , etc...
 - Web App – which have all UI and integration with previous API's

4. Diagrams



