

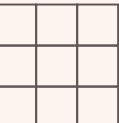
AntBuildz

by

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antbuildz.com
MACHINERY ALL RISK



KEY OBJECTIVES



Simplicity

Simple yet effective experience



Pricing

Fair and transparent pricing for everyone



Optimise UX

Lease more, rent more

How did we build our web application?

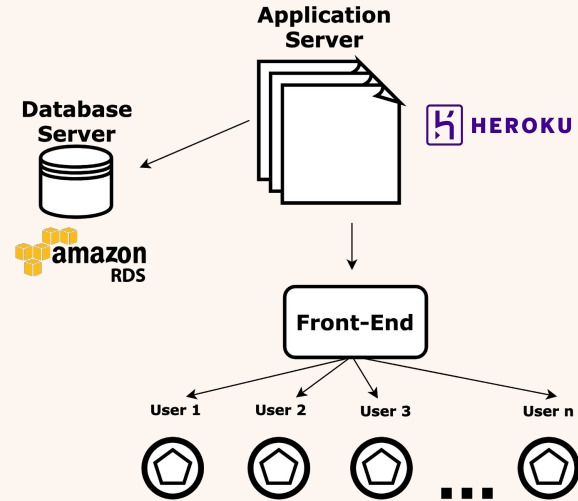
Frontend



Backend



Client-Server Architecture High-Level Diagram



Why did we choose Spring Boot?

Simplicity

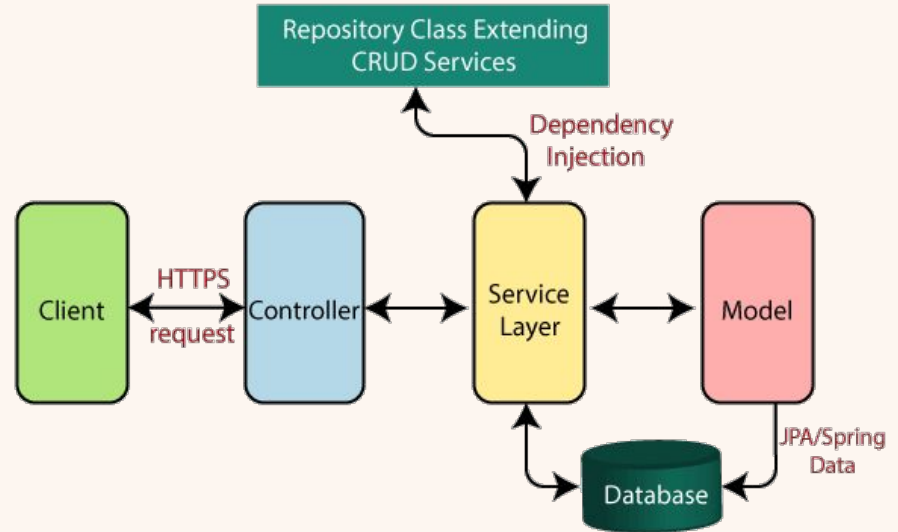
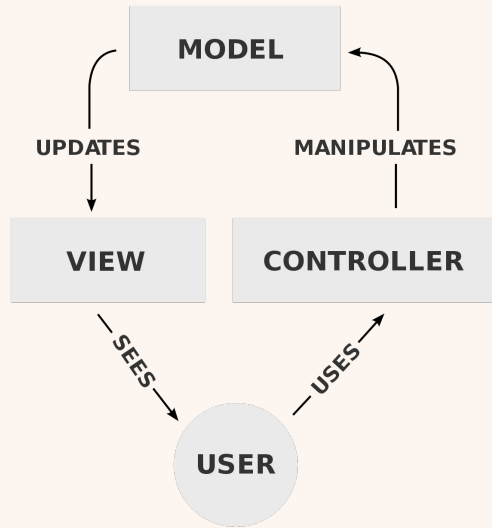
Dealing with less
boilerplate code

Spring Integration

Access to Spring
ecosystem

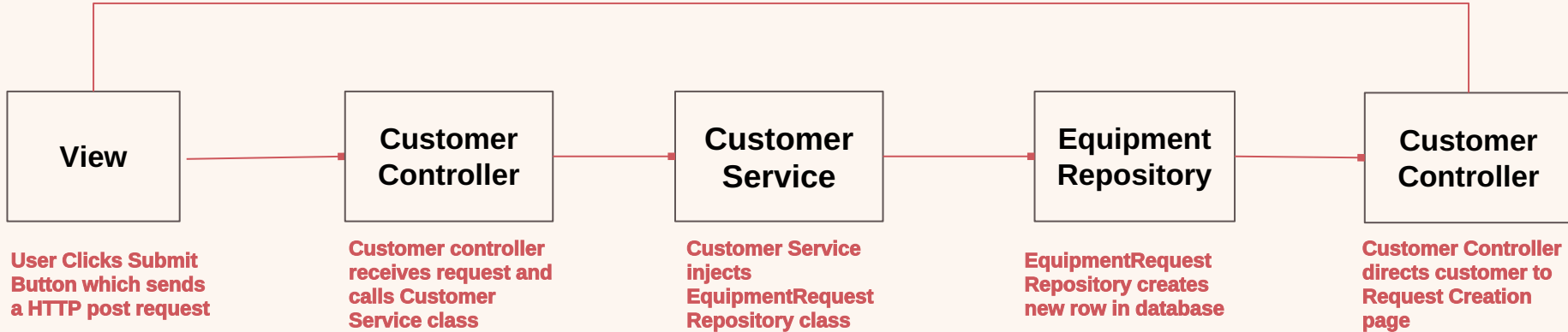


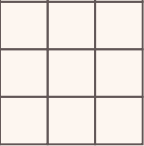
MVC Design Pattern for the Application



Example: Creating new Equipment

Equipment Name	<input type="text" value="Lorry"/>
From Date	<input type="text" value="28/10/2021"/>
To Date	<input type="text" value="30/10/2021"/>
<input type="button" value="Submit Request"/>	





Spring Ecosystem

Spring Data JPA

Provides Persistence, entity relationships and automatic DB creation

Spring Security

Login, Security and Endpoint Permissions functionality

Thymeleaf

Templating Engine for our HTML Views

Spring Starter Mail

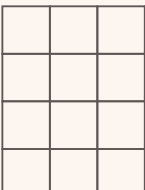
Email functionality for notifications

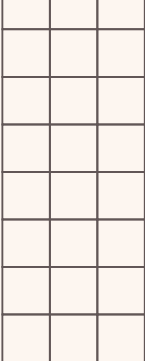
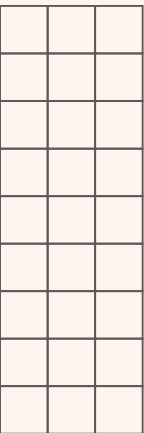
Spring Bean Validation

Validation for user-input fields

Lombok

Reduces overall boilerplate code





Q&A

