Use Cases

Diagram

Description automatically generated

Diagram

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Diagram

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Diagram

Description automatically generatedUML diagram

Diagram

Description automatically generatedDiagram, timeline

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Diagram

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Diagram

Description automatically generated

A picture containing diagram

Description automatically generated

Diagram

Description automatically generatedPackage diagram

Simple project

import lombok.RequiredArgsConstructor;  
import org.springframework.web.bind.annotation.RequestMapping;  
import org.springframework.web.bind.annotation.RestController;  
import org.springframework.web.bind.annotation.GetMapping;  
  
@RestController  
@RequestMapping("/hello")  
@RequiredArgsConstructor  
public class Controller {  
  
 @GetMapping()  
 public String hello() {  
 return "Hello world";  
 }  
}

<!DOCTYPE html>  
<html lang="en">  
<head>  
 <title>Welcome</title>  
  
 <!-- Styling -->  
 <link rel="stylesheet" href="styles.css">  
</head>  
  
<body>  
 <section id="Main">  
 <div class="mainDiv">  
 <button id="helloButton" type="button" class="btn btn-light">Hello, Computer!</button>  
 </div>  
   
 <div id="messageHere" class="mainDiv">  
  
 </div>  
 </section>   
  
 <!-- The Greeting Requesr -->  
 <script>  
 var ***url*** = "http://localhost:8080/hello";  
  
 function getGreetingMessage() {  
 var request = new XMLHttpRequest();  
  
 request.open("GET", ***url***, true);  
 request.onreadystatechange = function() {  
 if(request.readyState === 4 && request.status === 200) {  
 var greeting = ***JSON***.parse(request.responseText);  
 var message = greeting.content;  
  
 var element = "<p>" + message + "</p>";  
 ***document***.getElementById("messageHere").innerHTML = element;  
 }  
 };  
  
 request.send();  
 }  
 ***document***.getElementById("helloButton").onclick = function() {  
 getGreetingMessage();  
 };  
 </script>  
</body>  
</html>

body {  
 background-color: #35524a;  
 margin: 0;  
}  
  
.mainDiv {  
 padding: 150px;  
 text-align: center;  
}  
  
.btn {  
 font-family: 'Raleway', sans-serif;  
 font-size: 2rem;  
}  
  
p {  
 font-family: 'Raleway', sans-serif;  
 color: white;  
 font-size: 3rem;  
}

Technologies

Back-end

* Spring-Boot
* JPA & Hibernate
* MySql
* H2
* Apiary
* Aspect Oriented Programming
* Acceptance tests
* Unit tests
* Integration tests
* Spring Security
* Flyway DB migration
* Spring Web MVC
* AmazonSimpleEmailService
* Thymeleaf
* Lombok
* Bcrypt password encryption

Team

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* Team Member Nr 1: Bodea Georgiana Alexandra
* Team Member Nr 2: Berinde Thomas