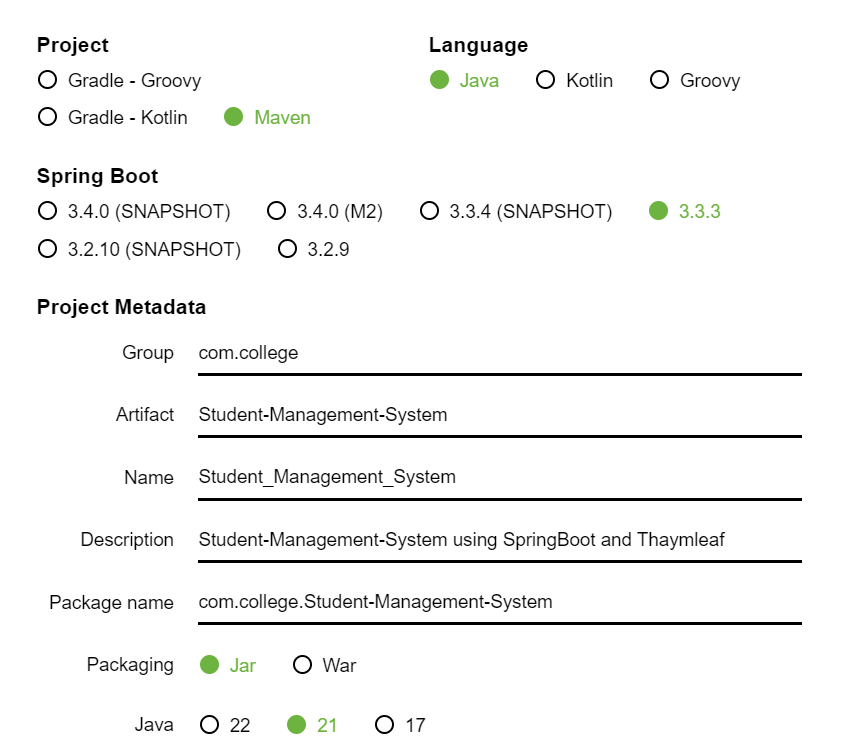
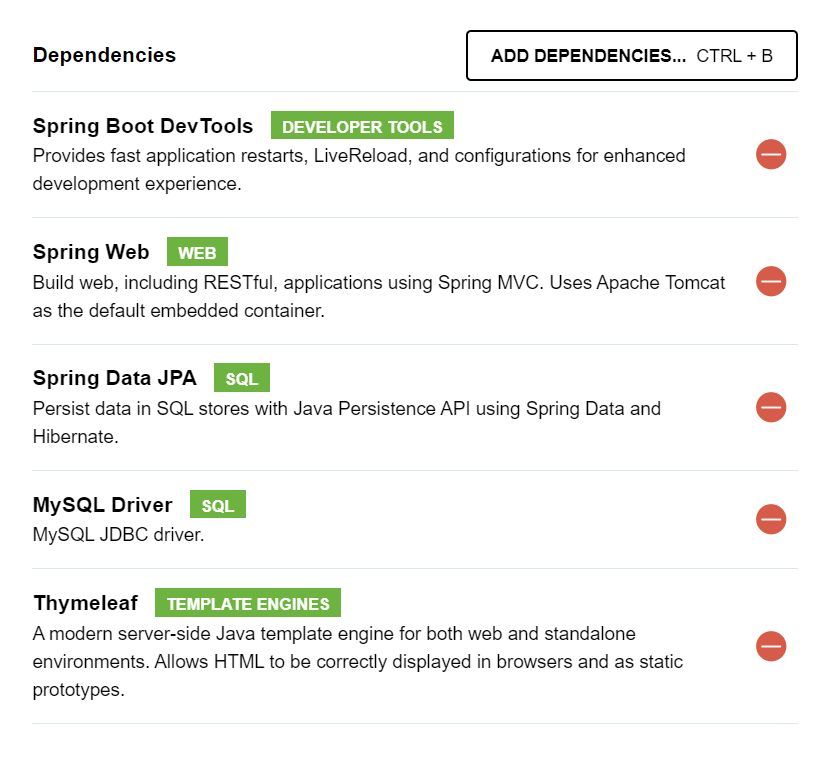
**Student management system using spring-boot and Thymeleaf**

**< 1 > spring.io**

****

****

**< 2 > Add Dependencies**

****

****

**< 2 > There is another way**

Open Eclipse Id

🡻

File

🡻

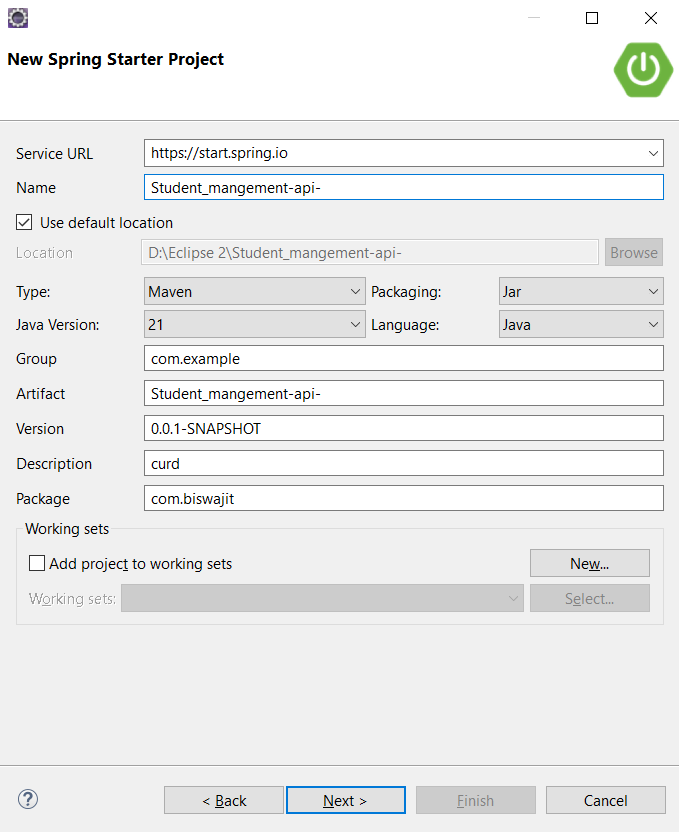
New

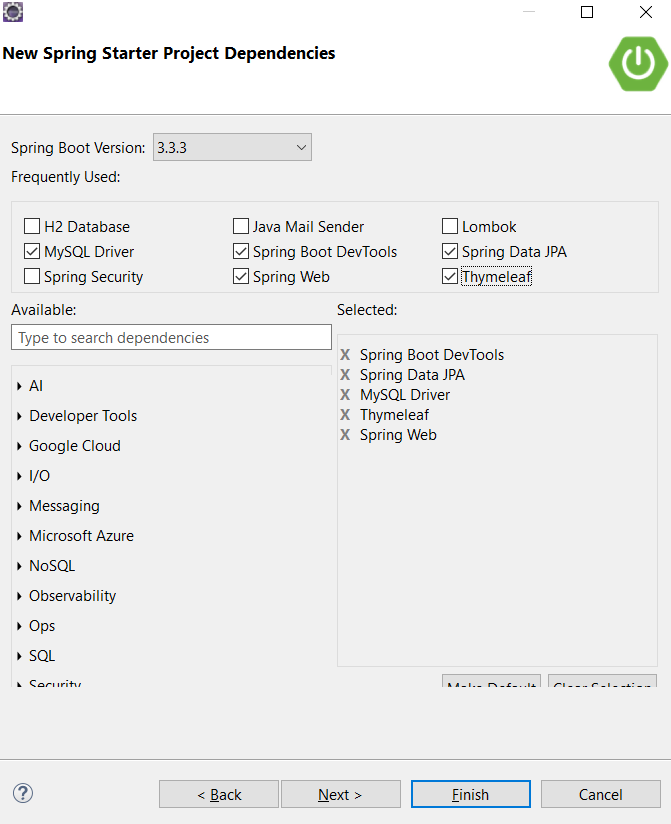
🡻

Others..

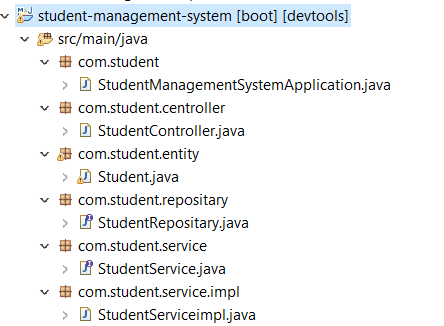
🡻

Spring starter project





**< 3 > Create package and classes**



**< 4 > Add properties**

**applictioction.properties**

spring.application.name=student-management-system

server.port=8081

spring.datasource.url=jdbc:mysql://localhost:3306/sms?useSSL=false

spring.datasource.username=root

spring.datasource.password=root@mysql

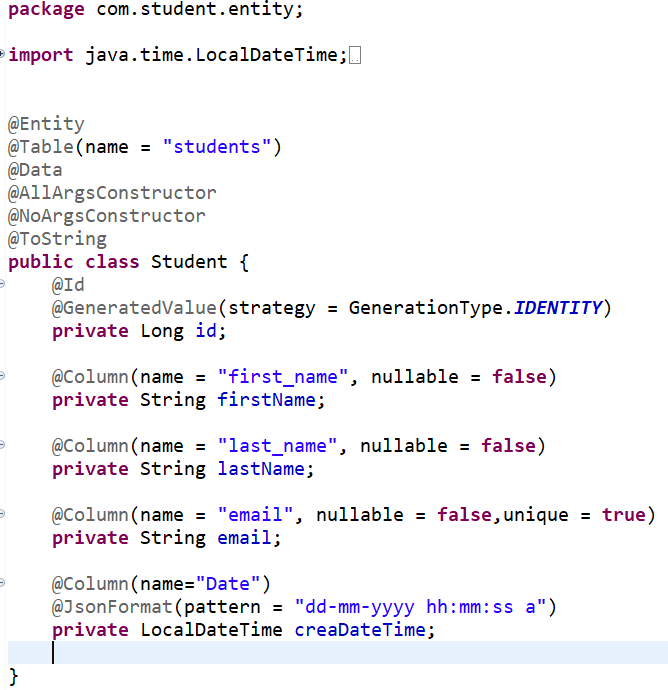
spring.jpa.properties.hibernate.dialect =org.hibernate.dialect.MySQLDialect

spring.jpa.show-sql=true

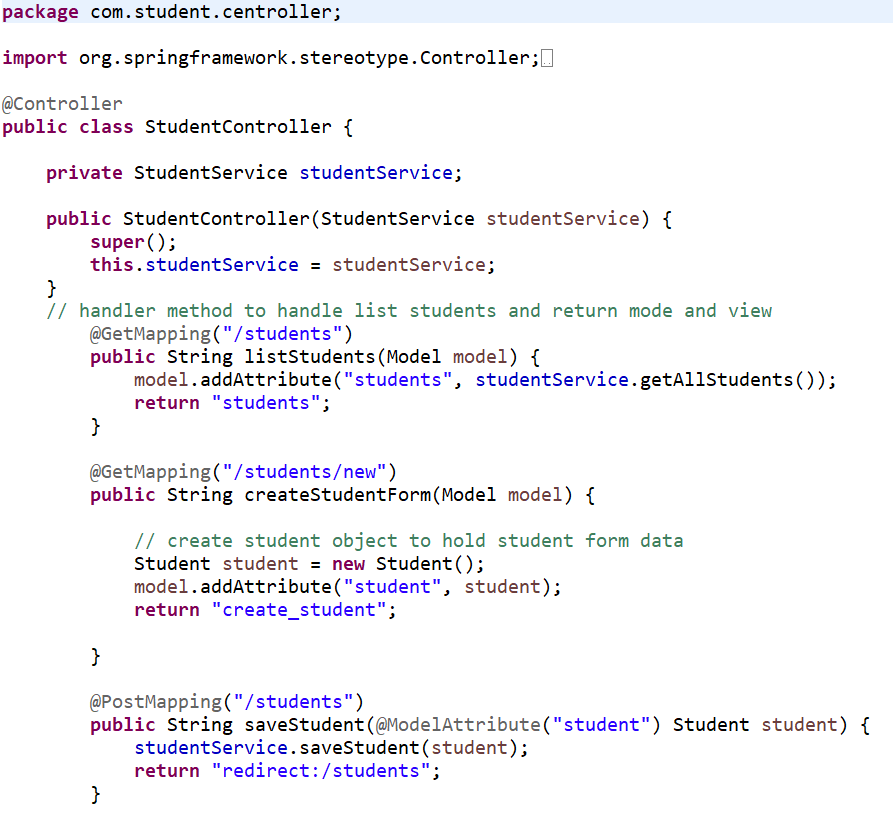
spring.jpa.hibernate.ddl-auto=update

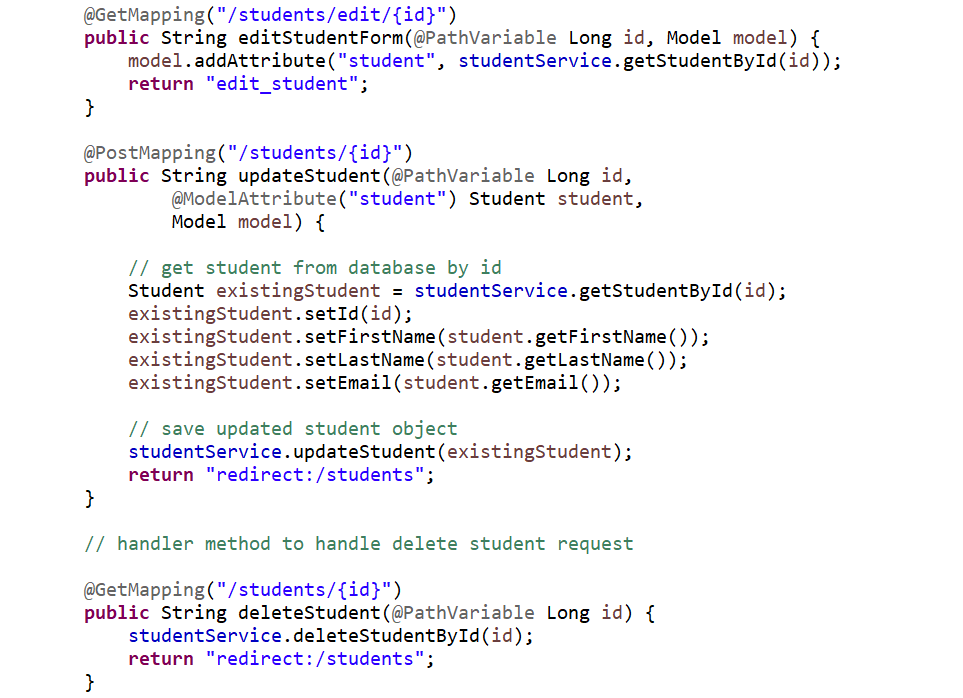
logging.level.org.hibernate.SQL=DEBUG

**< 5 > Entity Class**



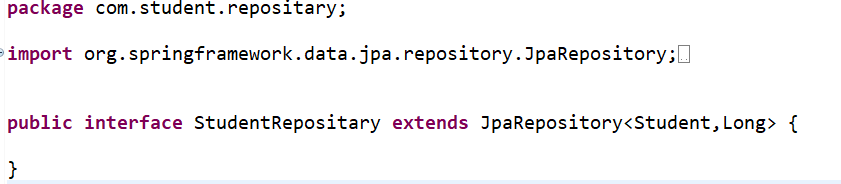
**< 5 > Controller Class**

****

****

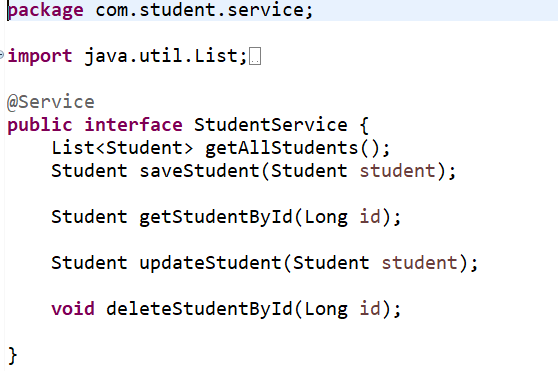
**< 6 > Repository Class**

@repository, or implement CRUDrepository, jpaRepository

****

**< 7 > Services Class**

**@service**

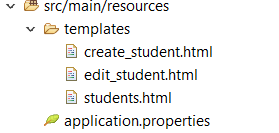
****

**< 8 > ServicesIMPL Class**

**@service**

****

**< 9 > templates**

****

**< 10 > Student.html**

<!DOCTYPE html>

<html xmlns:th=*"http://www.thymeleaf.org"*>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Student Management System</title>

**Bootstrap 4 for css cdn** [**link**](https://getbootstrap.com/docs/4.0/getting-started/introduction/)

**<link rel=*"stylesheet"***

**href=*"https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"***

**integrity=*"sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"***

**crossorigin=*"anonymous"*>**

**HEADER**

</head>

<body>

<nav class=*"navbar navbar-expand-md bg-dark navbar-dark"*>

<!-- Brand -->

<a class=*"navbar-brand"* href=*"#"*>Student Management System</a>

<!-- Toggler/collapsibe Button -->

<button class=*"navbar-toggler"* type=*"button"* data-toggle=*"collapse"* data-target=*"#collapsibleNavbar"*>

<span class=*"navbar-toggler-icon"*></span>

</button>

<!-- Navbar links -->

<div class=*"collapse navbar-collapse"* id=*"collapsibleNavbar"*>

<ul class=*"navbar-nav"*>

<li class=*"nav-item"*>

<a class=*"nav-link"* th:href=*"@{/students}"*>Student Management</a>

</li>

<li class=*"nav-item"*>

<a class=*"nav-link"* th:href=*"@{/students}"*>Teacher Management</a>

</li>

</ul>

</div>

</nav>

<div class =*"container"*>

<div class = *"row"*>

<h1> List Students </h1>

</div>

<div class = *"row"*>

<div class = *"col-lg-3"*>

<a th:href = *"@{/students/new}"* class = *"btn btn-primary btn-sm mb-3"*> Add Student</a>

</div>

</div>

<table class = *"table table-striped table-bordered"*>

<thead class = *"table-dark"*>

<tr>

<th> Student First Name</th>

<th> Student Last Name</th>

<th> Student Email </th>

<th> Actions </th>

</tr>

</thead>

<tbody>

<tr th:each = *"student: ${students}"*>

<td th:text = *"${student.firstName}"*></td>

<td th:text = *"${student.lastName}"*></td>

<td th:text = *"${student.email}"*></td>

<td>

<a th:href = *"@{/students/edit/{id}(id=${student.id})}"*

class = *"btn btn-primary"*>Update</a>

<a th:href = *"@{/students/{id}(id=${student.id})}"*

class = *"btn btn-danger"*>Delete</a>

</td>

</tr>

</tbody>

</table>

</div>

</body>

</html>

**< 11 > edit\_student.html**

**<!DOCTYPE html>**

**<html xmlns:th=*"http://www.thymeleaf.org"*>**

**<head>**

**<meta charset=*"ISO-8859-1"*>**

**<title>Student Management System</title>**

**<link rel=*"stylesheet"***

**href=*"https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"***

**integrity=*"sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"***

**crossorigin=*"anonymous"*>**

**</head>**

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**<nav class=*"navbar navbar-expand-md bg-dark navbar-dark"*>**

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**</button>**

**<!-- Navbar links -->**

**<div class=*"collapse navbar-collapse"* id=*"collapsibleNavbar"*>**

**<ul class=*"navbar-nav"*>**

**<li class=*"nav-item"*>**

**<a class=*"nav-link"* th:href=*"@{/students}"*>Student Management</a>**

**</li>**

**</ul>**

**</div>**

**</nav>**

**<br>**

**<br>**

**<div class = *"container"*>**

**<div class = *"row"*>**

**<div class =*"col-lg-6 col-md-6 col-sm-6 container justify-content-center card"*>**

**<h1 class = *"text-center"*> Update Student </h1>**

**<div class = *"card-body"*>**

**<form th:action=*"@{/students/{id} (id=${student.id})}"* th:object = *"${student}"* method=*"POST"*>**

**<div class =*"form-group"*>**

**<label> Student First Name </label>**

**<input**

**type = *"text"***

**name = *"firstName"***

**th:field = *"\*{firstName}"***

**class = *"form-control"***

**placeholder=*"Enter Student First Name"***

**/>**

**</div>**

**<div class =*"form-group"*>**

**<label> Student Last Name </label>**

**<input**

**type = *"text"***

**name = *"lastName"***

**th:field = *"\*{lastName}"***

**class = *"form-control"***

**placeholder=*"Enter Student Last Name"***

**/>**

**</div>**

**<div class =*"form-group"*>**

**<label> Student Email </label>**

**<input**

**type = *"text"***

**name = *"email"***

**th:field = *"\*{email}"***

**class = *"form-control"***

**placeholder=*"Enter Student Email"***

**/>**

**</div>**

**<div class = *"box-footer"*>**

**<button type=*"submit"* class = *"btn btn-primary"*>**

**Submit**

**</button>**

**</div>**

**</form>**

**</div>**

**</div>**

**</div>**

**</div>**

**</body>**

**</html>**

**< 12 > craet\_student.html**

<!DOCTYPE html>

<html xmlns:th=*"http://www.thymeleaf.org"*>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Student Management System</title>

<link rel=*"stylesheet"*

href=*"https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"*

integrity=*"sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"*

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</button>

<!-- Navbar links -->

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<li class=*"nav-item"*>

<a class=*"nav-link"* th:href=*"@{/students}"*>Student Management</a>

</li>

</ul>

</div>

</nav>

<br>

<br>

<div class = *"container"*>

<div class = *"row"*>

<div class =*"col-lg-6 col-md-6 col-sm-6 container justify-content-center card"*>

<h1 class = *"text-center"*> Create New Student </h1>

<div class = *"card-body"*>

<form th:action=*"@{/students}"* th:object = *"${student}"* method=*"POST"*>

<div class =*"form-group"*>

<label> Student First Name </label>

<input

type = *"text"*

name = *"firstName"*

th:field = *"\*{firstName}"*

class = *"form-control"*

placeholder=*"Enter Student First Name"*

/>

</div>

<div class =*"form-group"*>

<label> Student Last Name </label>

<input

type = *"text"*

name = *"lastName"*

th:field = *"\*{lastName}"*

class = *"form-control"*

placeholder=*"Enter Student Last Name"*

/>

</div>

<div class =*"form-group"*>

<label> Student Email </label>

<input

type = *"text"*

name = *"email"*

th:field = *"\*{email}"*

class = *"form-control"*

placeholder=*"Enter Student Email"*

/>

</div>

<div class = *"box-footer"*>

<button type=*"submit"* class = *"btn btn-primary"*>

Submit

</button>

</div>

</form>

</div>

</div>

</div>

</div>

</body>

</html>