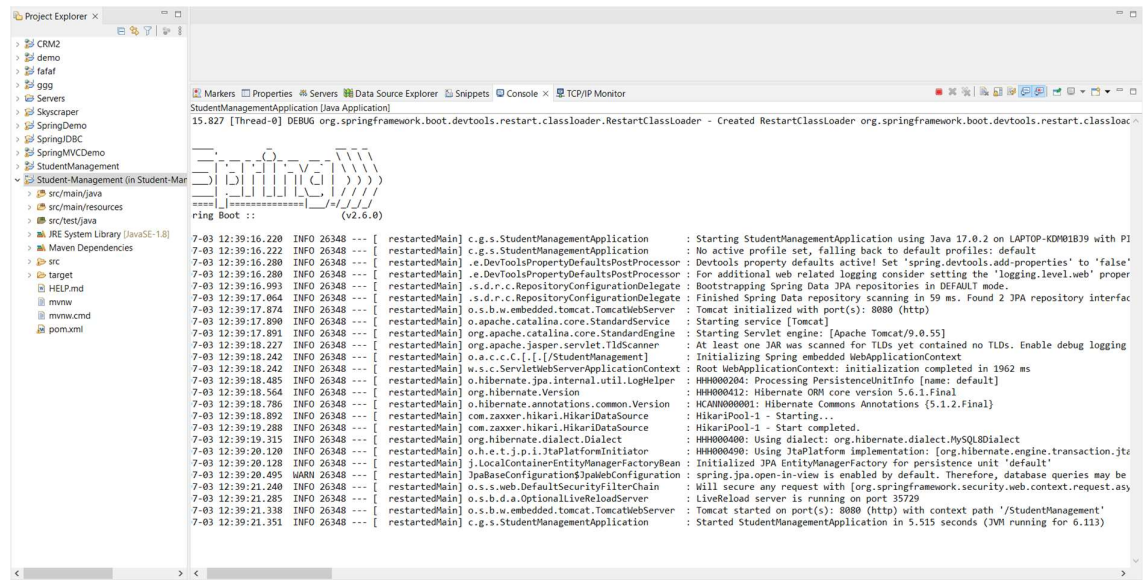


1. Run the application.



```
Project Explorer x
> CRM2
> demo
> fafaf
> ggg
> Servers
> Skyscraper
> SpringDemo
> SpringJDBC
> SpringMVCDemo
> Student-Management (in Student-Mar
  > src/main/java
  > src/main/resources
  > src/test/java
  > WE System Library (JavaSE-1.8)
  > Maven Dependencies
  > target
  > src
  > HELP.md
  > mvnw
  > mvnw.cmd
  > pom.xml

Markers Properties Servers Data Source Explorer Snippets Console x TCP/IP Monitor
StudentManagementApplication [Java Application]
15.827 [Thread-0] DEBUG org.springframework.boot.devtools.restart.classloader.RestartClassLoader - Created RestartClassLoader org.springframework.boot.devtools.restart.classload
ring Boot :: (v2.6.0)

7-03 12:39:16.220 INFO 26348 --- [restarted@main] c.g.s.StudentManagementApplication : Starting StudentManagementApplication using Java 17.0.2 on LAPTOP-KDM01B39 with PI
7-03 12:39:16.222 INFO 26348 --- [restarted@main] c.g.s.StudentManagementApplication : No active profile set, falling back to default profiles: default
7-03 12:39:16.280 INFO 26348 --- [restarted@main] e.DevToolsPropertyDefaultsPostProcessor : DevTools property defaults active! Set 'spring.devtools.add-properties' to 'false'
7-03 12:39:16.280 INFO 26348 --- [restarted@main] e.DevToolsPropertyDefaultsPostProcessor : For additional web related logging consider setting the 'logging.level.web' proper
7-03 12:39:16.993 INFO 26348 --- [restarted@main] s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.
7-03 12:39:17.064 INFO 26348 --- [restarted@main] s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 59 ms. Found 2 JPA repository interfac
7-03 12:39:17.874 INFO 26348 --- [restarted@main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
7-03 12:39:17.890 INFO 26348 --- [restarted@main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
7-03 12:39:17.891 INFO 26348 --- [restarted@main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.55]
7-03 12:39:18.227 INFO 26348 --- [restarted@main] org.apache.jasper.servlet.TldScanner : At least one JAR was scanned for TLDs yet contained no TLDs. Enable debug logging
7-03 12:39:18.242 INFO 26348 --- [restarted@main] o.a.c.c.C.[.]/[StudentManagement] : Initializing Spring embedded WebApplicationContext
7-03 12:39:18.242 INFO 26348 --- [restarted@main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 1962 ms
7-03 12:39:18.485 INFO 26348 --- [restarted@main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]
7-03 12:39:18.564 INFO 26348 --- [restarted@main] org.hibernate.Version : HHH000042: Hibernate ORM core version 5.6.1.Final
7-03 12:39:18.786 INFO 26348 --- [restarted@main] o.hibernate.annotations.common.Version : HCANNN000001: Hibernate Commons Annotations {5.1.2.Final}
7-03 12:39:18.892 INFO 26348 --- [restarted@main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
7-03 12:39:19.288 INFO 26348 --- [restarted@main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
7-03 12:39:19.315 INFO 26348 --- [restarted@main] org.hibernate.dialect.Dialect : HHH000400: Using dialect: org.hibernate.dialect.MySQL8Dialect
7-03 12:39:20.120 INFO 26348 --- [restarted@main] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jt
7-03 12:39:20.128 INFO 26348 --- [restarted@main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'
7-03 12:39:20.495 WARN 26348 --- [restarted@main] jpahaseconfigurations.JpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Therefore, database queries may be
7-03 12:39:21.240 INFO 26348 --- [restarted@main] o.s.s.web.DefaultSecurityFilterChain : Will secure any request with [org.springframework.security.web.context.request.asy
7-03 12:39:21.285 INFO 26348 --- [restarted@main] o.s.b.d.a.OptionalLiveReloadServer : LiveReload server is running on port 35729
7-03 12:39:21.338 INFO 26348 --- [restarted@main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path '/StudentManagement'
7-03 12:39:21.351 INFO 26348 --- [restarted@main] c.g.s.StudentManagementApplication : Started StudentManagementApplication in 5.515 seconds (JVM running for 6.113)
```

2. The tables are created automatically.

The first screenshot shows the SQL Server Enterprise Manager interface with the 'users' table selected in the 'Tables' folder. The table structure is displayed in the 'Table: users' pane, showing columns: user_id (bigint, AI, PK), password (varchar(255)), and username (varchar(255)). The 'Action Output' pane shows a list of SQL statements executed to create the table and its indexes, along with their execution times and messages.

The second screenshot shows the same interface with the 'roles' table selected. The table structure is displayed in the 'Table: roles' pane, showing columns: role_id (int, AI, PK) and name (varchar(255)). The 'Action Output' pane shows a list of SQL statements executed to create the table and its indexes, along with their execution times and messages.

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

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- restaurant
- sakila
- spring
 - Tables
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 - student
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 - users_roles
 - Views
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- springdb
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- testg
- web_customer_tracker
- world

Administration Schemas

Information

Table: roles

Columns: role_id int AI PK, name varchar(255)

Object Info Session

roles

Result Grid

role_id name

roles 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
11	18:44:23	SELECT * FROM spring.roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	18:47:26	SELECT * FROM spring.roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
13	18:47:28	SELECT * FROM spring.student LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
14	18:47:30	SELECT * FROM spring.users LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
15	18:47:33	SELECT * FROM spring.users_roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
16	18:50:20	SELECT * FROM spring.users_roles LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
17	18:50:24	SELECT * FROM spring.users_roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
18	18:50:27	SELECT * FROM spring.student LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
19	18:50:30	SELECT * FROM spring.roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
20	18:52:30	SELECT * FROM spring.roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
21	18:56:46	SELECT * FROM spring.users_roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
22	18:56:57	SELECT * FROM spring.users_roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
23	19:02:01	SELECT * FROM spring.users_roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
24	19:03:49	drop schema spring	4 row(s) affected	0.078 sec
25	19:05:02	create schema spring	1 row(s) affected	0.016 sec
26	19:05:36	SELECT * FROM spring.roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
27	19:05:39	SELECT * FROM spring.student LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
28	19:05:45	SELECT * FROM spring.users LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
29	19:05:49	SELECT * FROM spring.users_roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
30	19:05:59	SELECT * FROM spring.roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
31	19:12:32	SELECT * FROM spring.roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

File Edit View Query Database Server Tools Scripting Help

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- testg
- web_customer_tracker
- world

Administration Schemas

Information

Table: users_roles

Columns: user_id bigint, role_id int

Object Info Session

roles student users users_roles

Result Grid

user_id role_id

users_roles 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
14	18:47:30	SELECT * FROM spring.users LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
15	18:47:33	SELECT * FROM spring.users_roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
16	18:50:20	SELECT * FROM spring.users_roles LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
17	18:50:24	SELECT * FROM spring.users LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
18	18:50:27	SELECT * FROM spring.student LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
19	18:50:30	SELECT * FROM spring.roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
20	18:52:30	SELECT * FROM spring.roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
21	18:56:46	SELECT * FROM spring.users_roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
22	18:56:57	SELECT * FROM spring.users_roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
23	19:02:01	SELECT * FROM spring.users_roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
24	19:03:49	drop schema spring	4 row(s) affected	0.078 sec
25	19:05:02	create schema spring	1 row(s) affected	0.016 sec
26	19:05:36	SELECT * FROM spring.roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
27	19:05:39	SELECT * FROM spring.student LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
28	19:05:45	SELECT * FROM spring.users LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
29	19:05:49	SELECT * FROM spring.users_roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
30	19:05:59	SELECT * FROM spring.roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
31	19:12:32	SELECT * FROM spring.roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
32	19:12:52	SELECT * FROM spring.student LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
33	19:13:02	SELECT * FROM spring.users LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec
34	19:13:14	SELECT * FROM spring.users_roles LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

3. Inserted the records as below.

The top screenshot shows the SQL Developer interface with the query `SELECT * FROM spring.student;` entered in the SQL editor. The result grid displays the following columns: `id`, `country`, `course`, `first_name`, and `last_name`. The 'Output' window shows a log of SQL actions, including `SELECT * FROM spring.users LIMIT 0, 1000` and `SELECT * FROM spring.roles LIMIT 0, 1000`.

The bottom screenshot shows the SQL Developer interface with the query `SELECT * FROM spring.roles;` entered in the SQL editor. The result grid displays the following columns: `role_id` and `name`. The 'Output' window shows a log of SQL actions, including `SELECT * FROM spring.users LIMIT 0, 1000` and `SELECT * FROM spring.roles LIMIT 0, 1000`.

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- world

Administration Schemas

Information

Table: roles

Columns:

- role_id int AI PK
- name varchar(255)

Object Info Session

roles student users users_roles

1 • SELECT * FROM spring.users;

Result Grid

user_id	password	username
1	\$2a123xR/bZ9WAC56593yC32aM03_ID-hjcd74Fgqz5G5rly1stW	Admin1
2	\$2a123x204FT5pbnk2C00OvA5D_Pa2L3P3D8VXJJwB77bshM4k46RS	User1

users 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
40	12:30:41	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
41	12:31:13	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
42	12:31:14	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
43	12:31:15	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
44	12:31:16	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
45	12:31:58	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
46	12:36:15	SELECT * FROM spring.roles LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
47	12:36:18	SELECT * FROM spring.student LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
48	12:36:21	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
49	12:36:23	SELECT * FROM spring.users_roles LIMIT 0, 1000	2 row(s) returned	0.016 sec / 0.000 sec

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

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- world

Administration Schemas

Information

Table: roles

Columns:

- role_id int AI PK
- name varchar(255)

Object Info Session

roles student users users_roles

1 • SELECT * FROM spring.users_roles;

Result Grid

user_id	role_id
1	1
2	2

users_roles 1 x

Output

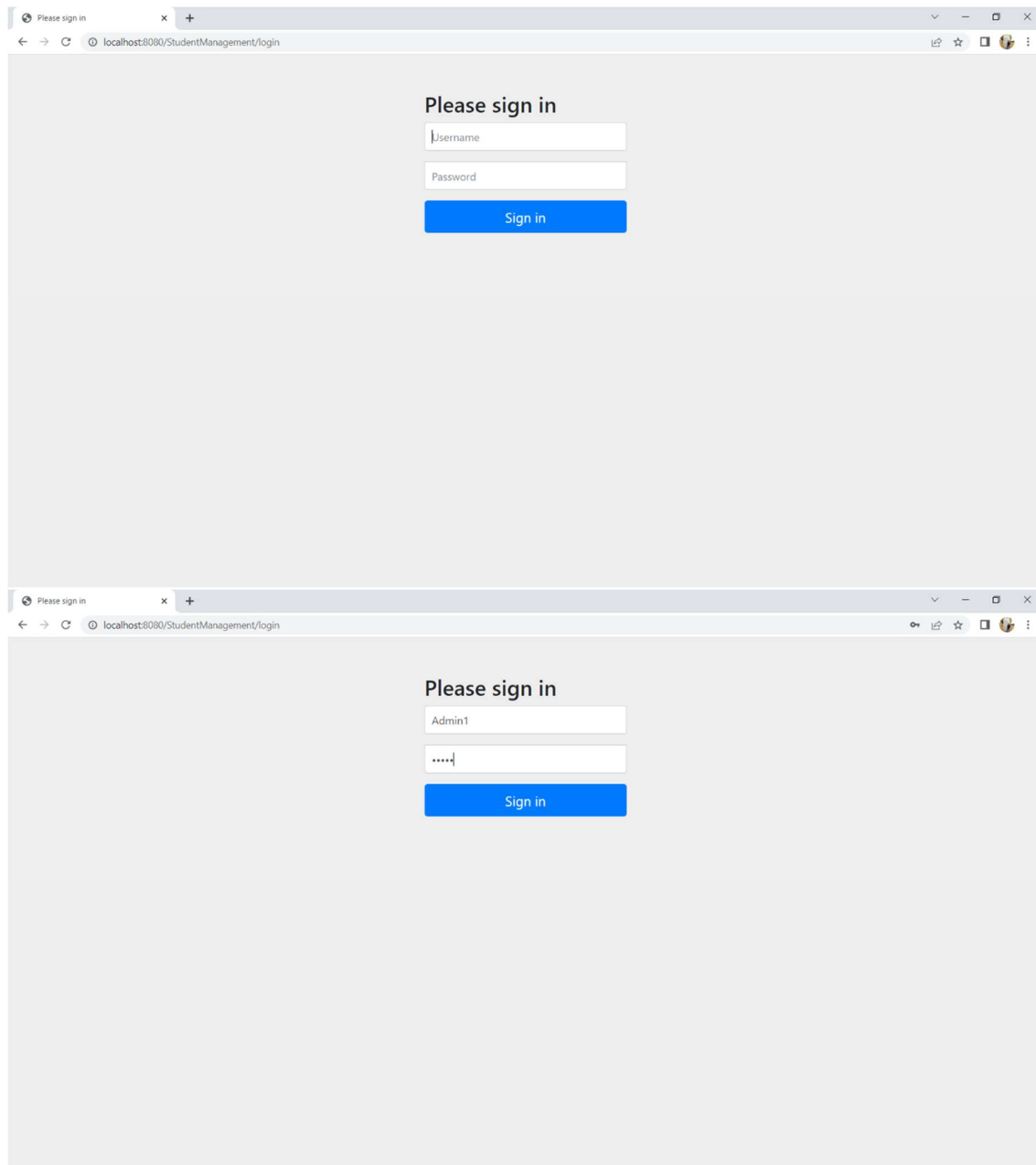
Action Output

#	Time	Action	Message	Duration / Fetch
40	12:30:41	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
41	12:31:13	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
42	12:31:14	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
43	12:31:15	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
44	12:31:16	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
45	12:31:58	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
46	12:36:15	SELECT * FROM spring.roles LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
47	12:36:18	SELECT * FROM spring.student LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
48	12:36:21	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
49	12:36:23	SELECT * FROM spring.users_roles LIMIT 0, 1000	2 row(s) returned	0.016 sec / 0.000 sec

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

4. Login As Admin(Admin1 is the User)

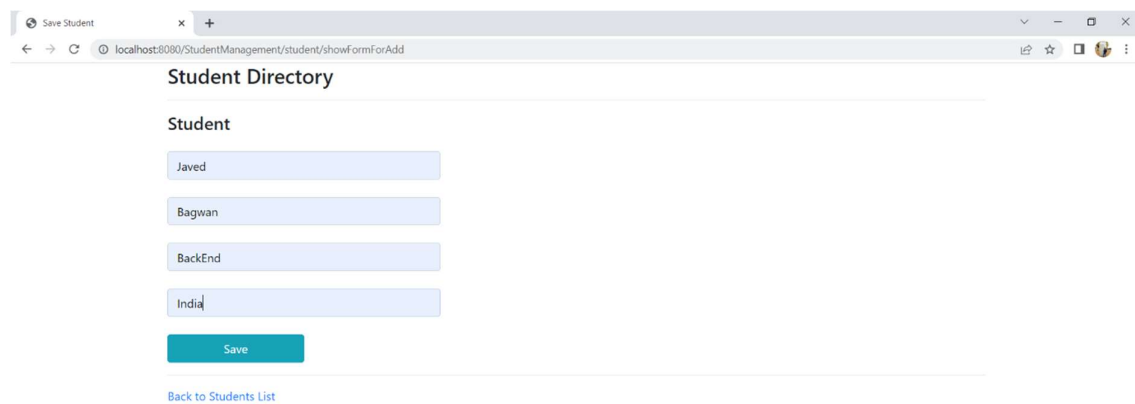
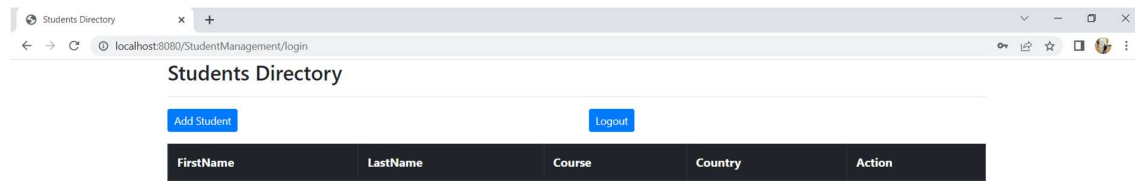


The image displays two sequential screenshots of a web browser window, illustrating the login process for an administrator user.

Top Screenshot: The browser address bar shows the URL `localhost:8080/StudentManagement/login`. The page title is "Please sign in". The login form consists of two input fields: "Username" and "Password", followed by a blue "Sign in" button.

Bottom Screenshot: The same browser window is shown, but the "Username" field is now populated with the text "Admin1". The "Password" field contains masked characters (dots). The "Sign in" button remains visible below the fields.

5. Add Student from Admin1 User



6. Web and database after adding student

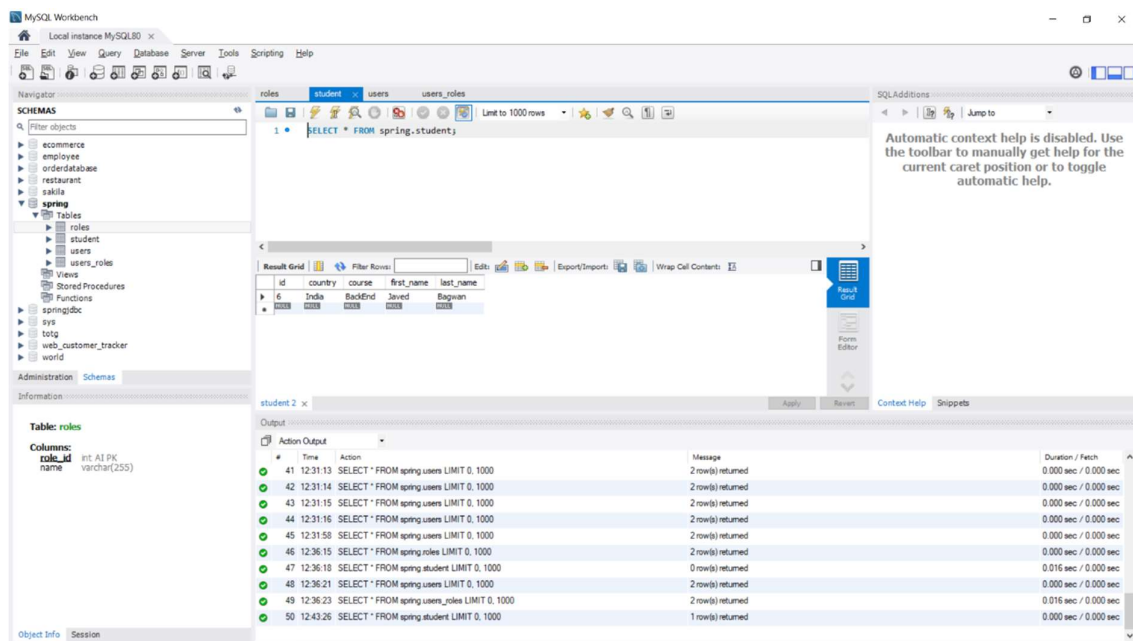


Students Directory

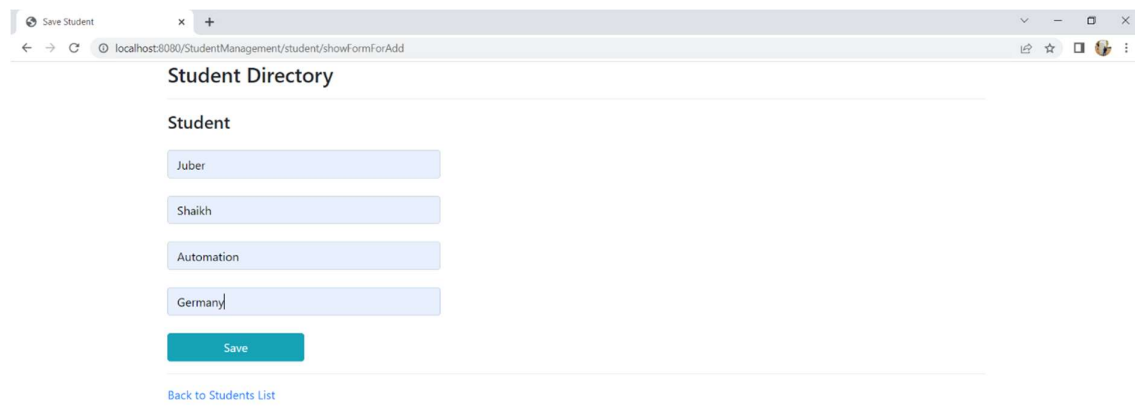
Add Student

Logout

FirstName	LastName	Course	Country	Action
Javed	Bagwan	BackEnd	India	<button>Update</button> <button>Delete</button>



7. Added one more Student using Admin1 User



Save Student

localhost:8080/StudentManagement/student/showFormForAdd

Student Directory

Student

Juber

Shaikh

Automation

Germany

Save

[Back to Students List](#)

Students Directory

localhost:8080/StudentManagement/student/list

Students Directory

Add Student

Logout

FirstName	LastName	Course	Country	Action
Javed	Bagwan	BackEnd	India	Update Delete
Juber	Shaikh	Automation	Germany	Update Delete

MySQL Workbench

Local instance MySQL80

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Administration Schemas

Object Info Session

roles

student

users

users_roles

1 SELECT FROM spring.student;

Limit to 1000 rows

Result Grid

id country course first_name last_name

6 India BackEnd Javed Bagwan

7 Germany Automation Juber Shaikh

student 3

Output

Time Action Message Duration / Fetch

42 12:31:14 SELECT * FROM spring.users LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

43 12:31:15 SELECT * FROM spring.users LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

44 12:31:16 SELECT * FROM spring.users LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

45 12:31:58 SELECT * FROM spring.users LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

46 12:36:15 SELECT * FROM spring.roles LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

47 12:36:18 SELECT * FROM spring.student LIMIT 0, 1000 0 row(s) returned 0.016 sec / 0.000 sec

48 12:36:21 SELECT * FROM spring.users LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

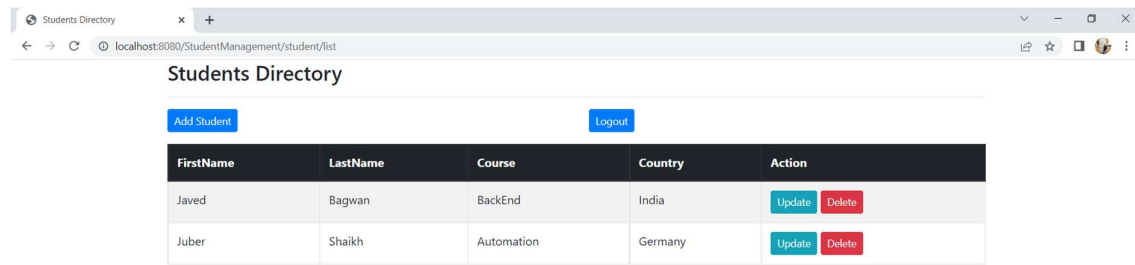
49 12:36:23 SELECT * FROM spring.users_roles LIMIT 0, 1000 2 row(s) returned 0.016 sec / 0.000 sec

50 12:43:26 SELECT * FROM spring.student LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec

51 12:45:19 SELECT * FROM spring.student LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

8. Updated the User using Admin1 User.



Students Directory

[Add Student](#) [Logout](#)

FirstName	LastName	Course	Country	Action
Javed	Bagwan	BackEnd	India	Update Delete
Juber	Shaikh	Automation	Germany	Update Delete

Save Student

localhost:8080/StudentManagement/student/showFormForUpdate?studentId=7

Student Directory

Student

Juber

Pathan

B.Com

USA

Save

[Back to Students List](#)

Students Directory

Add Student

Logout

FirstName	LastName	Course	Country	Action	
Javed	Bagwan	BackEnd	India	<div>Update</div>	<div>Delete</div>
Juber	Pathan	B.Com	USA	<div>Update</div>	<div>Delete</div>

9. Delete the Student from Admin1 User

The screenshot shows a web browser window with the title "Students Directory" and the URL "localhost:8080/StudentManagement/student/list". A confirmation dialog box is displayed over the table, asking "Are you sure you want to delete this Student?". The dialog has "OK" and "Cancel" buttons. Below the dialog is a table with columns: "FirstName", "LastName", "Course", "Country", and "Action". The table contains two rows of student data.

FirstName	LastName	Course	Country	Action
Javed	Bagwan	BackEnd	India	Update Delete
Juber	Pathan	B.Com	USA	Update Delete

Students Directory

localhost:8080/StudentManagement/student/list

Add Student

Logout

FirstName	LastName	Course	Country	Action
Javed	Bagwan	BackEnd	India	<div>UpdateDelete</div>

MySQL Workbench

Local instance MySQL80

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Navigator

SCHMAS

Filter objects

ecommerceemployeeorderdatabaserestaurantsakila

spring

rolesstudentusersusers_roles

ViewsStored ProceduresFunctionsspringdocsyslogotgweb_customer_trackerworld

AdministrationSchemas

Information

Table: roles

Columns:role_idint AI PKnamevarchar(255)

Object InfoSession

rolesstudentusersusers_roles

1SELECT * FROM spring.student;

Limit to 1000 rows

Result Grid

id	country	course	first_name	last_name
6	India	BackEnd	Javed	Bagwan

student 5

Output

#	Time	Action	Message	Duration / Fetch
44	12:31:16	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
45	12:31:58	SELECT * FROM spring.roles LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
46	12:36:15	SELECT * FROM spring.roles LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
47	12:36:18	SELECT * FROM spring.student LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
48	12:36:21	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
49	12:36:23	SELECT * FROM spring.roles LIMIT 0, 1000	2 row(s) returned	0.016 sec / 0.000 sec
50	12:43:25	SELECT * FROM spring.students LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
51	12:45:19	SELECT * FROM spring.students LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
52	12:47:46	SELECT * FROM spring.student LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
53	12:48:57	SELECT * FROM spring.student LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

10. Login As User(User1 is the User)

Please sign in

User1

Sign in

11. Added student using User1 user.

Students Directory

Add Student Logout

FirstName	LastName	Course	Country	Action
Javed	Bagwan	BackEnd	India	<button>Update</button> <button>Delete</button>

Save Student

localhost:8080/StudentManagement/student/showFormForAdd

Student Directory

Student

Suresh

Patil

B.Tech

Canada

Save

[Back to Students List](#)

Students Directory

Add Student

Logout

FirstName	LastName	Course	Country	Action	
Javed	Bagwan	BackEnd	India	<div>Update</div>	<div>Delete</div>
Suresh	Patil	B.Tech	Canada	<div>Update</div>	<div>Delete</div>

MySQL Workbench

Local instance MySQL80 x

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SCHMAS

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Administration Schemas

Information

Table: roles

Columns:

role_id	name
INT AI PK	varchar(255)

Object Info Session

roles student users users_roles

1 * SELECT * FROM spring.student;

Limit to 1000 rows

Result Grid

id	country	course	first_name	last_name
6	India	BackEnd	Javed	Bagwan
8	Canada	ITech	Suresh	Patil

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

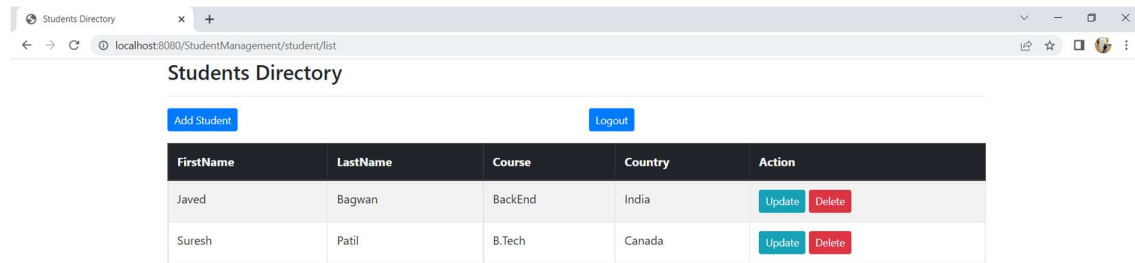
student 6 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
45	12:31:50	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
46	12:36:15	SELECT * FROM spring.roles LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
47	12:36:10	SELECT * FROM spring.student LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
48	12:36:21	SELECT * FROM spring.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
49	12:36:23	SELECT * FROM spring.users_roles LIMIT 0, 1000	2 row(s) returned	0.016 sec / 0.000 sec
50	12:43:26	SELECT * FROM spring.student LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
51	12:45:19	SELECT * FROM spring.student LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
52	12:47:46	SELECT * FROM spring.student LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
53	12:48:57	SELECT * FROM spring.student LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
54	12:52:07	SELECT * FROM spring.student LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

12. Tried Updating the user using User1 user, but access denied.



Students Directory

[Add Student](#) [Logout](#)

FirstName	LastName	Course	Country	Action
Javed	Bagwan	BackEnd	India	Update Delete
Suresh	Patil	B.Tech	Canada	Update Delete

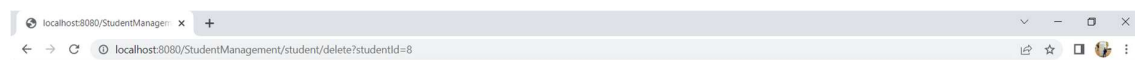
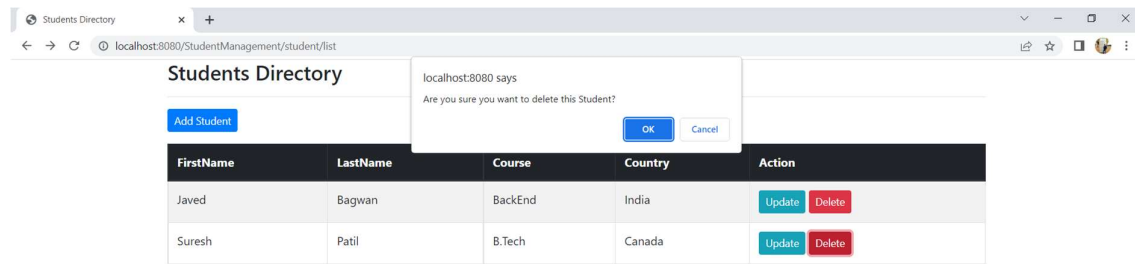


localhost:8080/StudentManagement/student/showFormForUpdate?studentId=8

HTTP Status 403 - Access is denied

Hi User1, you do not have permission to access this page!

13. Tried deleting the user using User1 user, but access denied.



HTTP Status 403 - Access is denied

Hi User1, you do not have permission to access this page!