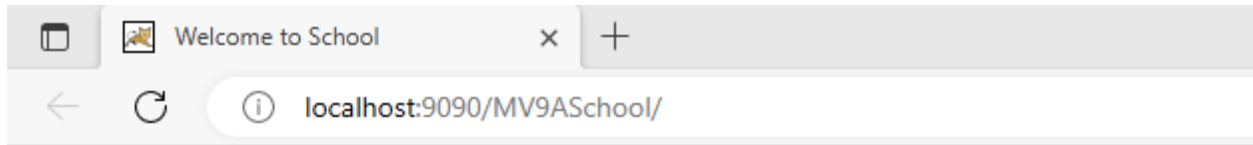1. This is a Maven project.
2. It requires a database with the name "schoolbus" to be created before running the project.
3. When the project is loaded onto the server it should open up the main menu.

⌐ 🖼 Welcome to School   ✕   +

← C ⓘ localhost:9090/MV9ASchool/

Main Menu

View Class Report	View Subjects	View Teachers	View Students
Add Class	Add Subject	Add Teacher	Add Student
Assign Student to class	Assign Subject to class	Assign Teacher to Class	

4. Clicking on view class report will create the necessary tables in the "schoolbus" database.

← C ⓘ localhost:9090/MV9ASchool/ClassController
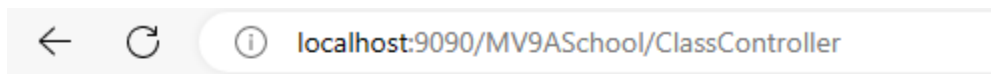
Class ID	Class Name	Teacher Name	Subject Name	Student Name

Main Menu

5. Go back to the main menu and click on either the Add Teacher or Add Subject or Add Class or Add Student link. In my example I clicked on Add Student.

← C ⓘ localhost:9090/MV9ASchool/addStudent.jsp

Add Student
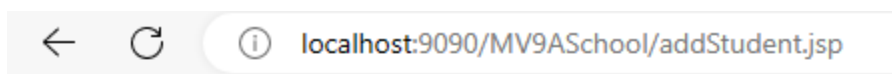
Student | Hulk Hogan |

| Add Student | | reset |

6. I added a name and clicked on Add Student button.

Student was added successfully

Main Menu

View Class Report	View Subjects	View Teachers	View Students
Add Class	Add Subject	Add Teacher	Add Student
Assign Student to class	Assign Subject to class	Assign Teacher to Class	

Student Name	Class Name	Subject Name	Teacher Name
Hulk Hogan			

Main Menu

7. Click on View Students. The entry should be there.

← → C ⓘ localhost:9090/MV9ASchool/StudentController

Student Name	Class Name	Subject Name	Teacher Name
Hulk Hogan			

Main Menu

8. Go back to the main menu and click on Add Teacher link. Enter a name and press Add teacher Button.

← C ⓘ localhost:9090/MV9ASchool/addTeacher.jsp

Add Teacher

Teacher John Cena

[Add Teacher] [reset]

9. Teacher added and you are routed to the main menu.

Teacher was added successfully

Main Menu

View Class Report	View Subjects	View Teachers	View Students
Add Class	Add Subject	Add Teacher	Add Student
Assign Student to class	Assign Subject to class	Assign Teacher to Class	

Teacher
John Cena

Main Menu

10. Click on View Teachers Link.

← C ⓘ localhost:9090/MV9ASchool/TeacherController

Teacher
John Cena

Main Menu

11. Go back to the main menu and click on Add Subject. Add a name and press the Add Subject button.

← C ⓘ localhost:9090/MV9ASchool/addSubject.jsp

Add Subject

Subject [math]

[Add Subject] [reset]

12. Subject added successfully and it should be visible under the View Subjects link.

Subject
math

Main Menu

13. Go back to the main menu and click on Add Class link. Enter a name and press Add Class Button. If you click on View Class Report, the class details should be there.

Class ID	Class Name	Teacher Name	Subject Name	Student Name
1	Java			

Main Menu

14. Go back to the main menu and click on one of the three assign links. In my example I clicked on Assign Subject to Class link. In the dropdown, select the class and the subject and press the Assign button.

Assign Subject to Class

Class ID: [Java ▼]

Subject Name: [math ▼]

[Assign Subject to Class]

15. It should now be visible in the class report.

Class ID	Class Name	Teacher Name	Subject Name	Student Name
1	Java		math	

Main Menu

16. Assign a teacher to a class.

← ↻ ⓘ localhost:9090/MV9ASchool/AssignTeacher

Assign Teacher to Class

Class ID: [Java ▾]

Subject Name: [John Cena ▾]

[Assign Teacher to Class]

17. It should be visible in the Class Report.

← ↻ ⓘ localhost:9090/MV9ASchool/ClassController

Class ID	Class Name	Teacher Name	Subject Name	Student Name
1	Java	John Cena	math	

Main Menu

18. Assign a student to the class.

← ↻ ⓘ localhost:9090/MV9ASchool/AssignStudent

Assign Student to Class

Class ID: [Java ▾]

Student Name: [Hulk Hogan ▾]

[Assign Student to Class]

19. It should be visible in the Class Report by clicking on the View Class link.

Student assigned to class successfully

Main Menu

View Class Report	View Subjects	View Teachers	View Students
Add Class	Add Subject	Add Teacher	Add Student
Assign Student to class	Assign Subject to class	Assign Teacher to Class	

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localhost:9090/MV9ASchool/ClassController

Class ID	Class Name	Teacher Name	Subject Name	Student Name
1	Java	John Cena	math	Hulk Hogan
2	Python	Jason Taylor	poetry	Nanda Conrad

Main Menu