


school - Schema x student - Table


 Name:  The name of the schema. It is recommended

Refactor model, changing all references found

Collation:  Specifies which charset/collations the schema






## 使用 MySQL 創建 school

school - Schema x student - Table

 Table Name:  Schema: **school**

Collation:  Engine:

Comments:

| Column Name  | Datatype    | PK                                  | NN                                  | UQ                       | B                        | UN                       | ZF                       | AI                                  | G                        | Default/Expression |
|--|-------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|--------------------|
|  id   | INT(11)     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                    |
|  name | VARCHAR(45) | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | NULL               |
|  chi  | INT(11)     | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | NULL               |
|  eng  | INT(11)     | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | NULL               |
|  math | INT(11)     | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | NULL               |

Column Name:  Data Type:

Collation:  Default:

Comments:

Storage: ☐ Virtual ☐ Stored


















☐ Primary Key ☐ Not Null ☐ Unique

☐ Binary ☐ Unsigned ☐ Zero Fill












☐ Auto Increment ☐ Generated

Columns Indexes Foreign Keys Triggers Partitioning Options






## 新增 student-Table

- ▼  day3\_test
  - >  Deployment Descriptor: Archetype Creat
  - ▼  Java Resources
    - ▼  src/main/java
      - ▼  Conroller
        - >  add.java
        - >  delete.java
        - >  ok.java
        - >  update.java
      - ▼  DAO
        - >  implDao.java
        - >  studentDao.java
      - ▼  DbConn
        - >  DbConn.java
      - ▼  model
        - >  student.java
      -  struts.xml

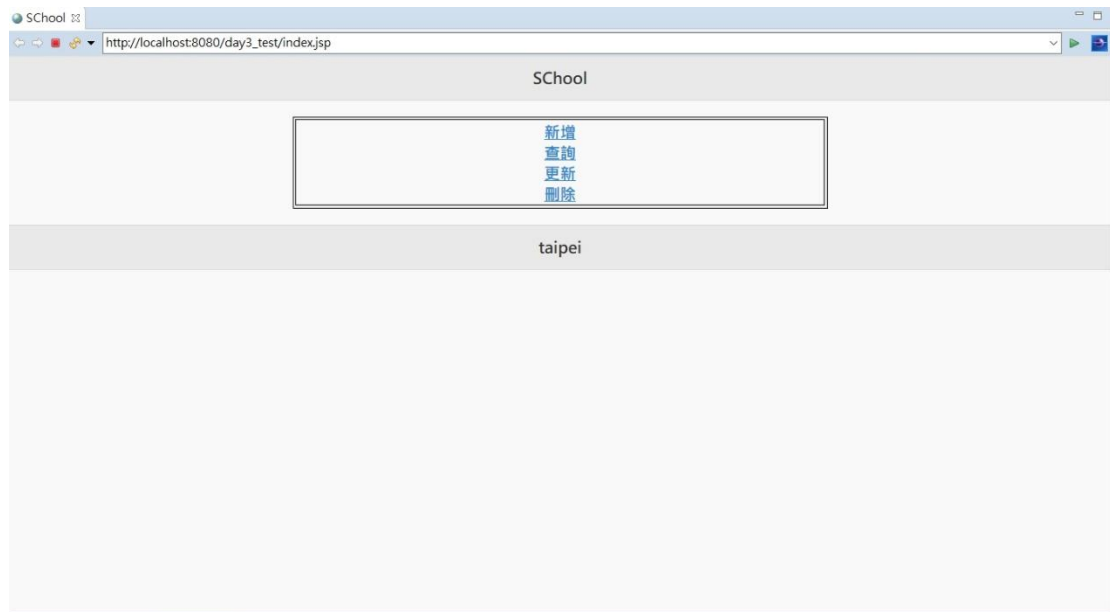
## src

- ▼  webapp
  - >  WEB-INF
    -  add.jsp
    -  confirm.jsp
    -  delete.jsp
    -  end.jsp
    -  index.jsp
    -  ok.jsp
    -  query.jsp
    -  title.jsp
    -  update.jsp

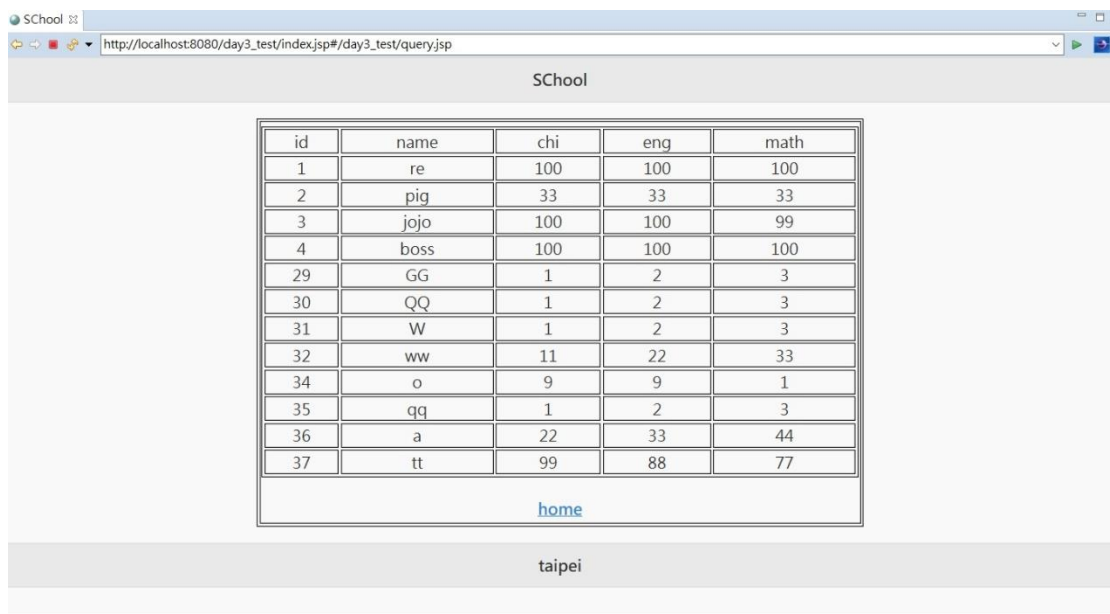
## WebContent

- ▼  WEB-INF
  - ▼  lib
    -  mysql-connector-java-5.1.47.jar
    -  servlet-api.jar
    -  web.xml

## Lib



## index



## query

school - Schema student - Table student

1 • `SELECT * FROM school.student;`

Result Grid

|    | id   | name | chi  | eng  | math |
|----|------|------|------|------|------|
| 1  | re   | 100  | 100  | 100  |      |
| 2  | pig  | 33   | 33   | 33   |      |
| 3  | jojo | 100  | 100  | 99   |      |
| 4  | boss | 100  | 100  | 100  |      |
| 29 | GG   | 1    | 2    | 3    |      |
| 30 | QQ   | 1    | 2    | 3    |      |
| 31 | W    | 1    | 2    | 3    |      |
| 32 | ww   | 11   | 22   | 33   |      |
| 34 | o    | 9    | 9    | 1    |      |
| 35 | qq   | 1    | 2    | 3    |      |
| 36 | a    | 22   | 33   | 44   |      |
| 37 | tt   | 99   | 88   | 77   |      |
| *  | NULL | NULL | NULL | NULL | NULL |

student 1 x Apply Revert

## Sql 的狀態

Insert title here

http://localhost:8080/day3\_test/index.jsp#/day3\_test/add.jsp

School

姓名

國文

英文

數學

add



提交新增資料的頁面



新增資料成功

school - Schema student - Table student

1 • `SELECT * FROM school.student;`

Result Grid

|    | id   | name | chi | eng | math |
|----|------|------|-----|-----|------|
| 1  | re   | 100  | 100 | 100 |      |
| 2  | pig  | 33   | 33  | 33  |      |
| 3  | jojo | 100  | 100 | 99  |      |
| 4  | boss | 100  | 100 | 100 |      |
| 29 | GG   | 1    | 2   | 3   |      |
| 30 | QQ   | 1    | 2   | 3   |      |
| 31 | W    | 1    | 2   | 3   |      |
| 32 | ww   | 11   | 22  | 33  |      |
| 34 | o    | 9    | 9   | 1   |      |
| 35 | qq   | 1    | 2   | 3   |      |
| 36 | a    | 22   | 33  | 44  |      |
| 37 | tt   | 99   | 88  | 77  |      |
| 39 | QAQ  | 59   | 59  | 59  |      |

student 1 x

## Sql 的狀態

School

`http://localhost:8080/day3_test/index.jsp#/day3_test/update.jsp`

School

id

name

chi eng math




ok

| id | name | chi | eng | math |
|----|------|-----|-----|------|
| 1  | re   | 100 | 100 | 100  |
| 2  | pig  | 33  | 33  | 33   |
| 3  | jojo | 100 | 100 | 99   |

## update(上)

School [http://localhost:8080/day3\\_test/index.jsp#/day3\\_test/update.jsp](http://localhost:8080/day3_test/index.jsp#/day3_test/update.jsp)

| id | name | chi | eng | math |
|----|------|-----|-----|------|
| 1  | re   | 100 | 100 | 100  |
| 2  | pig  | 33  | 33  | 33   |
| 3  | jojo | 100 | 100 | 99   |
| 4  | boss | 100 | 100 | 100  |
| 29 | GG   | 1   | 2   | 3    |
| 30 | QQ   | 1   | 2   | 3    |
| 31 | W    | 1   | 2   | 3    |
| 32 | ww   | 11  | 22  | 33   |
| 34 | o    | 9   | 9   | 1    |
| 35 | qq   | 1   | 2   | 3    |
| 36 | a    | 22  | 33  | 44   |
| 37 | tt   | 99  | 88  | 77   |
| 39 | QAQ  | 59  | 59  | 59   |

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## update2(下)

School [http://localhost:8080/day3\\_test/update.jsp#/day3\\_test/update](http://localhost:8080/day3_test/update.jsp#/day3_test/update)

| id | name | chi | eng | math |
|----|------|-----|-----|------|
| 1  | re   | 100 | 100 | 100  |
| 2  | pig  | 33  | 33  | 33   |
| 3  | jojo | 100 | 100 | 99   |
| 4  | boss | 100 | 100 | 100  |
| 29 | GG   | 1   | 2   | 3    |
| 30 | QQ   | 1   | 2   | 3    |
| 31 | W    | 1   | 2   | 3    |
| 32 | ww   | 11  | 22  | 33   |
| 34 | o    | 9   | 9   | 1    |
| 35 | qq   | 1   | 2   | 3    |
| 36 | a    | 22  | 33  | 44   |
| 37 | tt   | 99  | 88  | 77   |
| 39 | OAQ  | 60  | 60  | 60   |

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更新了 id:39 的資料後

school - Schema student - Table student

1 • `SELECT * FROM school.student;`

Result Grid

|    | id   | name | chi | eng | math |
|----|------|------|-----|-----|------|
| 1  | re   | 100  | 100 | 100 |      |
| 2  | pig  | 33   | 33  | 33  |      |
| 3  | jojo | 100  | 100 | 99  |      |
| 4  | boss | 100  | 100 | 100 |      |
| 29 | GG   | 1    | 2   | 3   |      |
| 30 | QQ   | 1    | 2   | 3   |      |
| 31 | W    | 1    | 2   | 3   |      |
| 32 | ww   | 11   | 22  | 33  |      |
| 34 | o    | 9    | 9   | 1   |      |
| 35 | qq   | 1    | 2   | 3   |      |
| 36 | a    | 22   | 33  | 44  |      |
| 37 | tt   | 99   | 88  | 77  |      |
| 39 | OAQ  | 60   | 60  | 60  |      |

student 1 x

## Sql 的狀態

School

[http://localhost:8080/day3\\_test/index.jsp#/day3\\_test/delete.jsp](http://localhost:8080/day3_test/index.jsp#/day3_test/delete.jsp)

School

id

ok

| id | name | chi | eng | math |
|----|------|-----|-----|------|
| 1  | re   | 100 | 100 | 100  |
| 2  | pig  | 33  | 33  | 33   |
| 3  | jojo | 100 | 100 | 99   |
| 4  | boss | 100 | 100 | 100  |
| 29 | GG   | 1   | 2   | 3    |
| 30 | QQ   | 1   | 2   | 3    |
| 31 | W    | 1   | 2   | 3    |
| 32 | ww   | 11  | 22  | 33   |
| 34 | o    | 9   | 9   | 1    |
| 35 | qq   | 1   | 2   | 3    |
| 36 | a    | 22  | 33  | 44   |
| 37 | tt   | 99  | 88  | 77   |
| 39 | OAQ  | 60  | 60  | 60   |

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delete



Insert title here

http://localhost:8080/day3\_test/delete.jsp#/day3\_test/delete

School

id

ok

| id | name | chi | eng | math |
|----|------|-----|-----|------|
| 1  | re   | 100 | 100 | 100  |
| 2  | pig  | 33  | 33  | 33   |
| 3  | jojo | 100 | 100 | 99   |
| 4  | boss | 100 | 100 | 100  |
| 29 | GG   | 1   | 2   | 3    |
| 30 | QQ   | 1   | 2   | 3    |
| 31 | W    | 1   | 2   | 3    |
| 32 | ww   | 11  | 22  | 33   |
| 34 | o    | 9   | 9   | 1    |
| 36 | a    | 22  | 33  | 44   |
| 37 | tt   | 99  | 88  | 77   |
| 39 | OAQ  | 60  | 60  | 60   |

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刪除了 id:35 的資料後

school - Schema student - Table student

1 • `SELECT * FROM school.student;`

Result Grid

| id | name | chi | eng | math |
|----|------|-----|-----|------|
| 1  | re   | 100 | 100 | 100  |
| 2  | pig  | 33  | 33  | 33   |
| 3  | jojo | 100 | 100 | 99   |
| 4  | boss | 100 | 100 | 100  |
| 29 | GG   | 1   | 2   | 3    |
| 30 | QQ   | 1   | 2   | 3    |
| 31 | W    | 1   | 2   | 3    |
| 32 | ww   | 11  | 22  | 33   |
| 34 | o    | 9   | 9   | 1    |
| 36 | a    | 22  | 33  | 44   |
| 37 | tt   | 99  | 88  | 77   |
| 39 | OAQ  | 60  | 60  | 60   |

student 1 x

Apply Revert

Sql 的狀態