Database Systems Laboratory Lab 7 : MySQL & Node.js

Tanyawat Vittayapalotai 6031763021
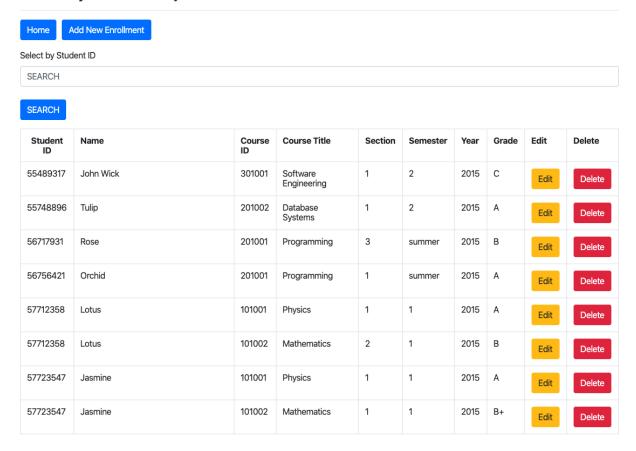
Question 4:

Edit files server.js, index.pug, edit.pug,and add.pug to show, search, insert, edit,and delete the datarecordsin the Takes table (Student ID, course id, sect_id, semester, year, and grade).Complete tasks 4.1 – 4.5, then capture all screenshots and submit them through myCourseVille.

Question 4.1 List:

Show all student enrollments

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Home   Add New Enrollment

Select by Student ID

SEARCH

SEARCH

Student ID	Name	Course ID	Course Title	Section	Semester	Year	Grade	Edit	Delete
55489317	John Wick	301001	Software Engineering	1	2	2015	C	Edit	Delete
55748896	Tulip	201002	Database Systems	1	2	2015	A	Edit	Delete
56717931	Rose	201001	Programming	3	summer	2015	B	Edit	Delete
56756421	Orchid	201001	Programming	1	summer	2015	A	Edit	Delete
57712358	Lotus	101001	Physics	1	1	2015	A	Edit	Delete
57712358	Lotus	101002	Mathematics	2	1	2015	B	Edit	Delete
57723547	Jasmine	101001	Physics	1	1	2015	A	Edit	Delete
57723547	Jasmine	101002	Mathematics	1	1	2015	B+	Edit	Delete

Question 4.2 Search:

Search with the keyword "77"

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[Home] [Add New Enrollment]

Select by Student ID

```
77
```

[SEARCH]

Student ID	Name	Course ID	Course Title	Section	Semester	Year	Grade	Edit	Delete
57712358	Lotus	101001	Physics	1	1	2015	A	Edit	Delete
57712358	Lotus	101002	Mathematics	2	1	2015	B	Edit	Delete
57723547	Jasmine	101001	Physics	1	1	2015	A	Edit	Delete
57723547	Jasmine	101002	Mathematics	1	1	2015	B+	Edit	Delete

Question 4.3 Add:

Insert your enrollment information with your studentID and the following information

- **CourseID** : 301001
- **SectionID** : 2
- **Semester** : 2
- **Year** : 2015
- **Grade** : C

Student

| 6031763021 : Tanyawat Vittayapalotai | ▲▼ |

Course

| 301001 : Software Engineering | ▲▼ |

Section

| 2 |

Semester

| 2 |

Year

| 2015 | ▲▼ |

Grade

| C |

ADD   Back

After Insertion

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[Home] [Add New Enrollment]

Select by Student ID

SEARCH

[SEARCH]

Student ID	Name	Course ID	Course Title	Section	Semester	Year	Grade	Edit	Delete
57712358	Lotus	101001	Physics	1	1	2015	A	Edit	Delete
57723547	Jasmine	101001	Physics	1	1	2015	A	Edit	Delete
57723547	Jasmine	101002	Mathematics	1	1	2015	B+	Edit	Delete
57712358	Lotus	101002	Mathematics	2	1	2015	B	Edit	Delete
56756421	Orchid	201001	Programming	1	summer	2015	A	Edit	Delete
56717931	Rose	201001	Programming	3	summer	2015	B	Edit	Delete
55748896	Tulip	201002	Database Systems	1	2	2015	A	Edit	Delete
55489317	John Wick	301001	Software Engineering	1	2	2015	C	Edit	Delete
6031763021	Tanyawat Vittayapalotai	301001	Software Engineering	2	2	2015	C	Edit	Delete

Question 4.4 Edit:

Edit student enrollment information **by updating the section code from '1' to '2' of studentID 55489317**

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Home   Add New Enrollment

Select by Student ID

| SEARCH |

SEARCH

Student ID	Name	Course ID	Course Title	Section	Semester	Year	Grade	Edit	Delete
55489317	John Wick	301001	Software Engineering	2	2	2015	C	Edit	Delete
55748896	Tulip	201002	Database Systems	1	2	2015	A	Edit	Delete
56717931	Rose	201001	Programming	3	summer	2015	B	Edit	Delete
56756421	Orchid	201001	Programming	1	summer	2015	A	Edit	Delete
57723547	Jasmine	101001	Physics	1	1	2015	A	Edit	Delete
57723547	Jasmine	101002	Mathematics	1	1	2015	B+	Edit	Delete
6031763021	Tanyawat Vittayapalotai	301001	Software Engineering	2	2	2015	C	Edit	Delete

Question 4.5 Delete:

Delete student's enrollment information of student ID 55712358

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Home | Add New Enrollment

Select by Student ID

SEARCH

SEARCH

Student ID	Name	Course ID	Course Title	Section	Semester	Year	Grade	Edit	Delete
55489317	John Wick	301001	Software Engineering	1	2	2015	C	Edit	Delete
55748896	Tulip	201002	Database Systems	1	2	2015	A	Edit	Delete
56717931	Rose	201001	Programming	3	summer	2015	B	Edit	Delete
56756421	Orchid	201001	Programming	1	summer	2015	A	Edit	Delete
57723547	Jasmine	101001	Physics	1	1	2015	A	Edit	Delete
57723547	Jasmine	101002	Mathematics	1	1	2015	B+	Edit	Delete
6031763021	Tanyawat Vittayapalotai	301001	Software Engineering	2	2	2015	C	Edit	Delete

Appendix : Source Code

Full source code is uploaded at github repository hamzaabamboo/2190462-Database-System-Laboratory at directory labs/lab_3/web