EC5070: DATABASE SYSTEMS LAB 03

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TASK 01:

Implement the Edit and Delete functions and complete this project part of the Course Management System.
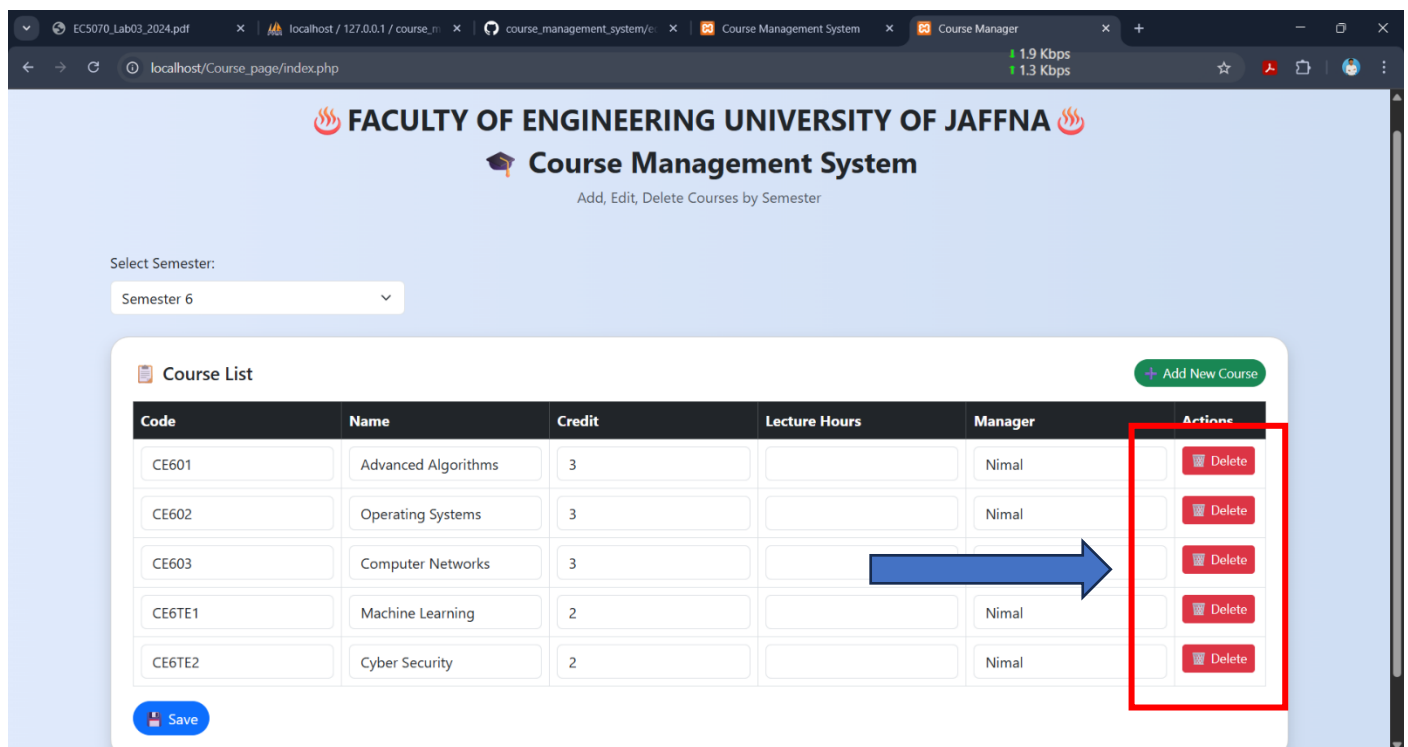

FIGURE 1: EDIT & DELETE

TASK 02:

Function/procedure calls

1. Implement the query in command line (to insert 5 courses of sixth semester (consider Department of Computer Engineering only). Two of them should be technical electives with 2 credits. Others core courses with 3 credits. Leave the hours as NULL.

```
MariaDB [course_manager2]> INSERT INTO course (Ccode, Cname, Credit, LecHours) VALUES
    -> ('CE601', 'Advanced Algorithms', 3, NULL),
    -> ('CE602', 'Operating Systems', 3, NULL),
    -> ('CE603', 'Computer Networks', 3, NULL),
    -> ('CE6TE1', 'Machine Learning', 2, NULL),
    -> ('CE6TE2', 'Cyber Security', 2, NULL);
Query OK, 5 rows affected (0.002 sec)
Records: 5  Duplicates: 0  Warnings: 0
```

FIGURE 2: DATA INSER TO COURSE TABLE

```
MariaDB [course_manager2]> INSERT INTO ma (MID, Mname) VALUES
    -> ('MA01', 'Computer Engineering Dept'),
    -> ('MA02', 'Electrical Engineering Dept'),
    -> ('MA03', 'Mechanical Engineering Dept'),
    -> ('MA04', 'Civil Engineering Dept'),
    -> ('MA05', 'Electronic & Telecommunication Dept');
ERROR 1062 (23000): Duplicate entry 'MA01' for key 'PRIMARY'
MariaDB [course_manager2]>
```

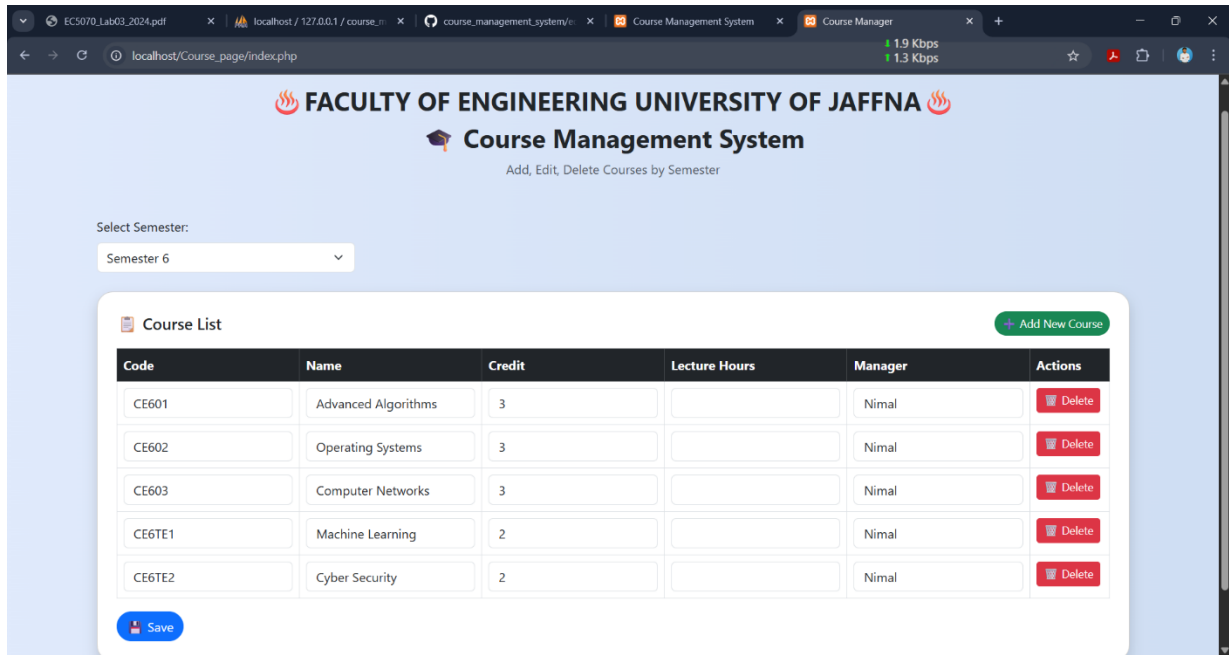FIGURE 3: DATA INSER TO MA TABLE

```
ERROR 1062 (23000): Duplicate entry 'MA01' for key 'PRIMARY'
MariaDB [course_manager2]> INSERT INTO manage (Code, MAid, Semester) VALUES
    -> ('CE601', 'MA01', 6),
    -> ('CE602', 'MA01', 6),
    -> ('CE603', 'MA01', 6),
    -> ('CE6TE1', 'MA01', 6),
    -> ('CE6TE2', 'MA01', 6);
Query OK, 5 rows affected (0.018 sec)
Records: 5  Duplicates: 0  Warnings: 0
```
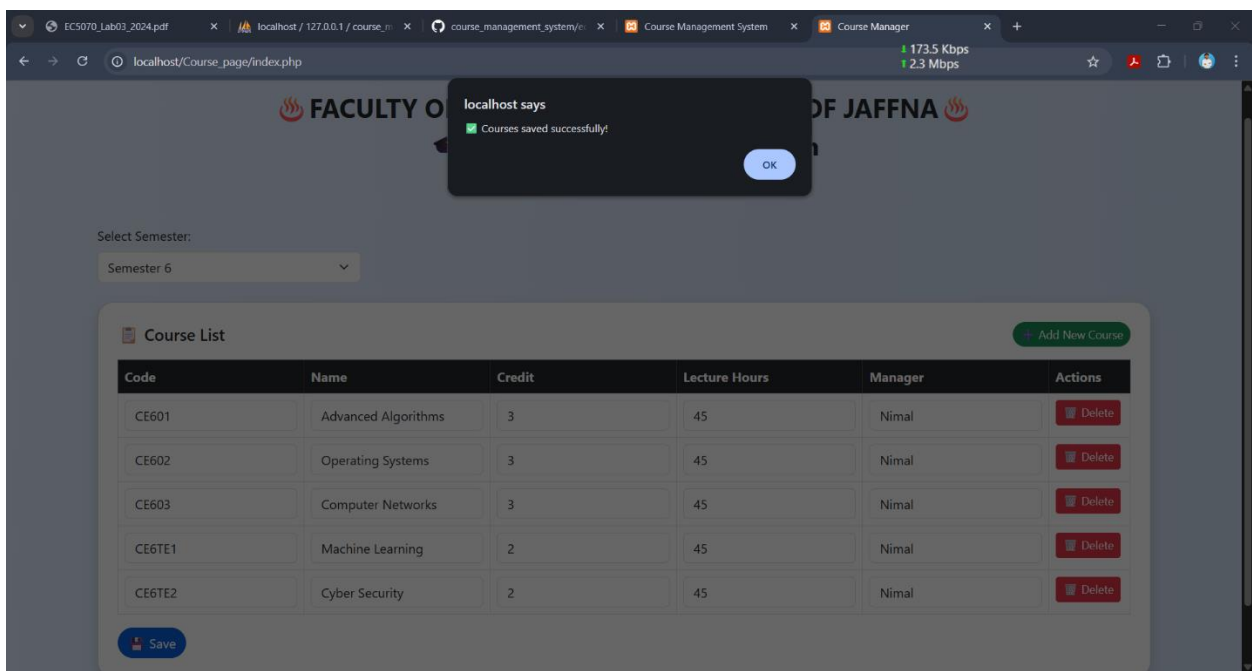
FIGURE 4: DATA INSER TO MANAGE TABLE

2. Modify the Hours column with 30 hrs for the technical electives and 45 hrs for the core modules using MySQL stored procedure within PHP pages (not through command line).

FIGURE 5: BEFORE EDIT LECTURE HOUR FIELD AS 45
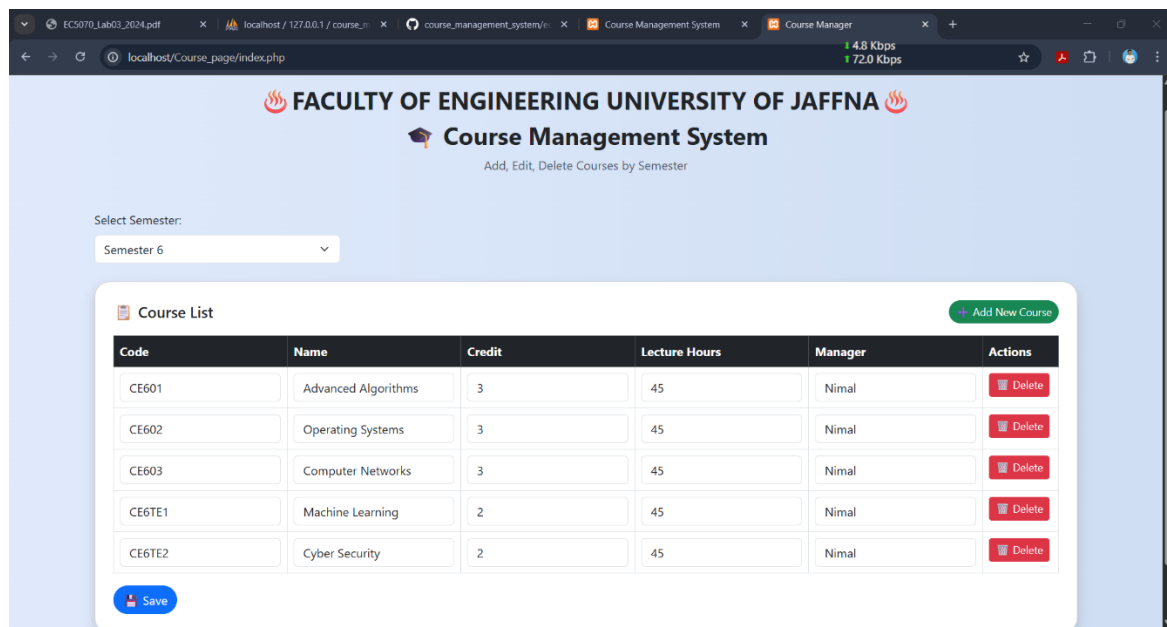

FIGURE 6: AFTER SUCCESSFULLY EDIT LECTURE HOUR FIELD AS 45

FIGURE 7: AFTER EDIT ALL LECTURE HOUR FIELDS