CS 313 Assignment 6

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3 PartB Q1)

Figure 5: PartB Q1 output

4 PartB Q2)

```
Database changed
mysql> select * from student;
Empty set (0.00 sec)

mysql> source /home/abhishekj/Documents/DBMS_Lab/Lab6/J2EEProject/src/Insert.sql;
Database changed
Query OK, 5 rows affected (0.01 sec)
Records: 5  Duplicates: 0  Warnings: 0

Query OK, 5 rows affected (0.01 sec)
Records: 5  Duplicates: 0  Warnings: 0

Query OK, 10 rows affected (0.01 sec)
Records: 10  Duplicates: 0  Warnings: 0

mysql> select * from student;
+------------+---------+------------+------+----------+
| student_id | name    | dept_name  | year | semester |
+------------+---------+------------+------+----------+
|          1 | Abhishek | Comp. Sci. | 3    | Fall     |
|          2 | Karthik  | Biology    | 4    | Summer   |
|          3 | Keshav   | EE         | 2    | Winter   |
|          4 | Prakash  | Comp. Sci. | 1    | Spring   |
|          5 | Sri Ram  | MMAE       | 3    | Winter   |
+------------+---------+------------+------+----------+
5 rows in set (0.00 sec)

mysql> select * from book;
+---------+---------------------------+------------+-----------+
| book_id | tittle                    | category   | author    |
+---------+---------------------------+------------+-----------+
|       1 | Pattern Recognition       | Comp. Sci. | Murphy    |
|       2 | Database Systems          | Comp. Sci. | Henry     |
|       3 | Introduction to Biology   | Biology    | Campbell  |
|       4 | Digital Signal Processing | EE         | Oppenheim |
|       5 | Mechanical Vibrations     | MMAE       | S. Rao    |
+---------+---------------------------+------------+-----------+
5 rows in set (0.00 sec)

mysql> select * from issue;
+------------+---------+------------+-------------+
| student_id | book_id | issue_date | return_date |
+------------+---------+------------+-------------+
|          1 |       1 | 2021-11-25 | 2022-02-28  |
|          1 |       2 | 2021-11-25 | 2022-02-28  |
|          2 |       3 | 2021-11-12 | 2022-02-13  |
|          2 |       4 | 2021-11-12 | 2022-02-13  |
|          3 |       5 | 2021-11-15 | 2022-02-16  |
|          3 |       1 | 2021-11-15 | 2022-02-16  |
|          4 |       3 | 2021-11-30 | 2022-02-15  |
|          4 |       5 | 2021-11-30 | 2022-02-15  |
|          5 |       5 | 2021-11-13 | 2022-02-24  |
|          5 |       1 | 2021-11-13 | 2022-02-24  |
+------------+---------+------------+-------------+
10 rows in set (0.00 sec)
```

Figure 6: PartB Q2 output

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5 PartB Q3) Home

← → C ⓘ localhost:8080/LibrarySystem/

Add a new book to Library!!

Issue a book!!!
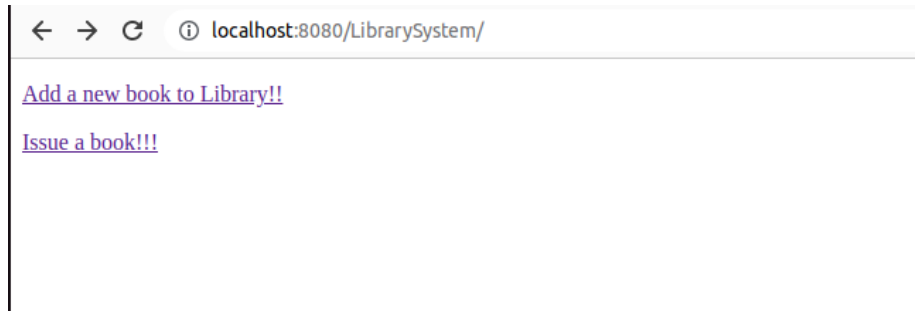
Figure 7: PartB Q3 output

6 PartB Q3) Add

← → C ⓘ localhost:8080/LibrarySystem/Add.jsp

Form to add a book.

Book Id   10

Title of the book   New book

Category of the book   New cat

Author of the book   New auth

Submit
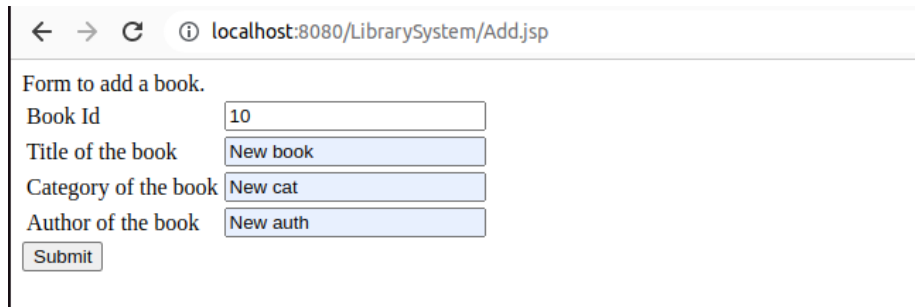
Figure 8: Q3 Add

7 PartB Q3) Add Success
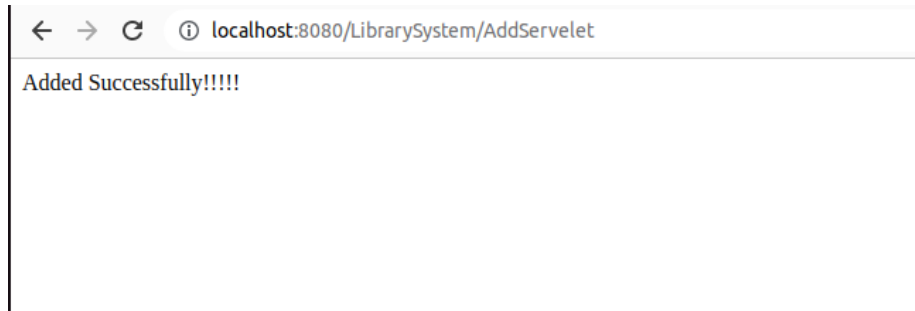
Figure 9: Q3 Add Success

8 PartB Q3) Issue

Figure 10: Q3 Isuue book

9   PartB Q3) Issue Success
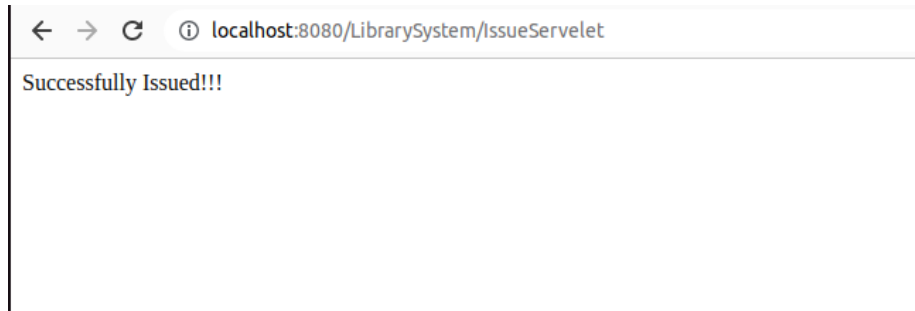
Figure 11: Q3 Issue Success

10   PartB Q3) Add Existing

Figure 12: Q3 Add Existing

11   PartB Q3) Add Fail

Figure 13: Q3 Add Fail

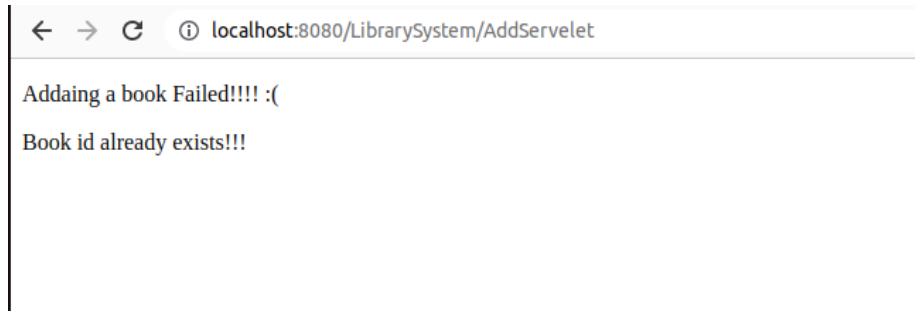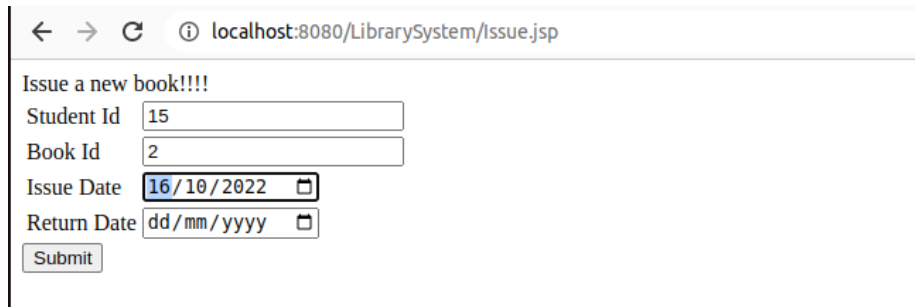# 12   PartB Q3) Student does not exist

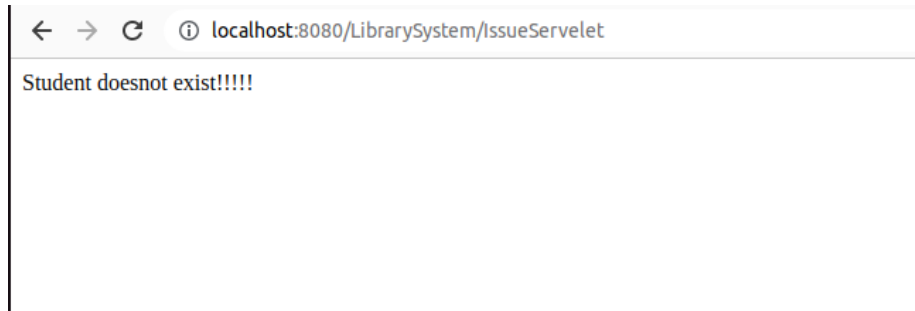Figure 14: Q3 Student not exist

13 PartB Q3) Issue Fail

Figure 15: Q3 Issue Fail