**Step 1 – DB tables are used:** We have used two tables: Book and Category. Category is parent table and foreign key is linked to Book table as category of any book. Book table has column: Book Id, Title, Content and Category Id. Category table has column: Category Id and Category Name.

**Step 2:** SQL commands for creating database is inside resource folder named as *coursapp.sql*, which also contains sample data rows.

**Step 3:** We have created package named resthandlers, which is processing web service urls. While services package is handling all the request from web browser for human readable data.

**Step 4:** Here are all the links used in project:

* Home page – <http://localhost:8088/cs548/>
* Book Index – <http://localhost:8088/cs548/bookIndex>
* Add new Book – <http://localhost:8088/cs548/newBookDataForm>
* Category Index – <http://localhost:8088/cs548/categoryIndex>
* Add new Category – <http://localhost:8088/cs548/newCategoryDataForm>
* Books by Category – [http://localhost:8088/cs548/bookCategoryIndex?id={id}](http://localhost:8088/cs548/bookCategoryIndex?id=%7bid%7d)

**Screenshots of output.**













