Course Title:		Software Design Architecture			
Course Number:		COE692			
Semester/Year:			W2021		
Instructor:			Dr. Faezeh Ensan		
Assignment/Lab Number:			Lab 4		
Assignment/Lab Title:			Lab 4 Part 2		
Submission Date:			April 8th 2021		
Due Date:			April 8th, 2021		
Last Name:	First Name:	Student ID:		Section:	*Signature:

xxxxxx021

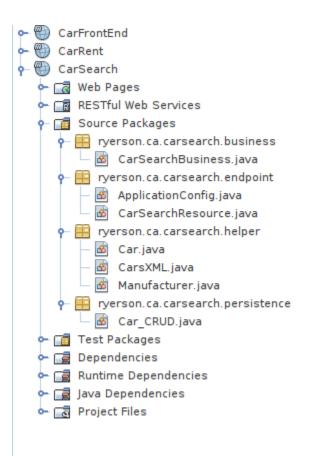
03

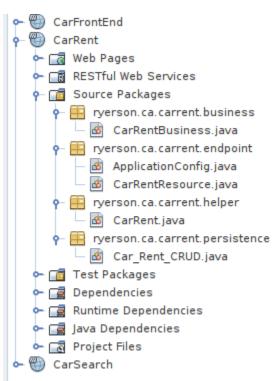
Samaroo

Anand

Alexander

AAS





The CarSearch and CarRent Microservice has 4 packages: Persistence, Business, Endpoint, and Helper corresponding to the layers in layered architecture. The Endpoint package is an extra package that is responsible for handling REST API. In both microservices the CRUD classes are responsible for connecting to the database to perform queries. In the business classes the main functionalities are performed, and converted to XML syntax. CarsXML provides a basis for marshalling objects to XML.

Here is a screenshot of the output from search:

```
-<cars>
-<car>
-<car>
<carid>1</carid>
<year>2020</year>
<model>X3</model>
<manufacturer>BMW</manufacturer>
</car>
</car>
```