**Step by Step Instructions to Setup Project Architecture in Local Machine**

**Step 1-**

Install IntelliJ

**Step 2-**

Download below 2 Spring Boot Projects from this lecture and Import Projects into your IDEA.

1. LibraryRestServiceApplication (Consumer Microservice)

2. CoursesRestServiceApplication (Provider Microservice)

**Step 3-**

Install MYSQL and Run below DB Scripts on MYSQL WorkBench

**\*\*\*\*\*\* SpringBootRestService Microservice\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

CREATE DATABASE APIDevelopSpringBoot;

use APIDevelopSpringBoot;

CREATE TABLE Storage2(book\_name varchar(50),id varchar(50),

isbn varchar(50),

aisle varchar(50),

author varchar(50),PRIMARY KEY (id));

INSERT INTO Storage2(book\_name,id,isbn,aisle,author) values("Microservices","hrtge43","hrtge","43","Shetty");

INSERT INTO Storage2(book\_name,id,isbn,aisle,author) values("Selenium","khuys21","khuys","21","Shetty");

INSERT INTO Storage2(book\_name,id,isbn,aisle,author) values("Appium","ttefs36","ttefs","36","Shetty");

select \* from Storage2;

**\*\*\*\*\*\* Courses Microservice\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

CREATE DATABASE Courses;

use Courses;

CREATE TABLE Storage2(course\_name varchar(50),id varchar(50),

price int,

category varchar(50),

PRIMARY KEY (course\_name));

INSERT INTO Storage2(course\_name,id,price,category) values("Microservices testing","2",23,"api");

INSERT INTO Storage2(course\_name,id,price,category) values("Selenium","3",66,"web");

INSERT INTO Storage2(course\_name,id,price,category) values("Appium","12",13,"mobile");

**Step 5-**

Update the DB Properties into Spring Boot Projects

**Step 6**

Start the Spring Boot Server

**Step 7**

Test the server

**Step 8-**

Walk through the code in high level