**Project YT**

* **Which design patterns have you used in the implementation**

I used **Memento Patten** is used when we want to store data to use later, Such as Queue A data store so that I can used in queue B later when I Call for queue B service.

   **Schema describing the messages produced by the solution**

JSON

XML

   **How to compile the source code produced**

Under ‘Spring Boot Dashboard’ there will be ‘restapi’ project name in front of that there are two options one for Debug and one for Run which will compile the code.

**   How to execute your programs to produce the results previously described**

1. Get the code from url ‘https://github.com/RajiAujla/Testing-RestAPI’ or download the attached zip file and run in your IDE I used VS code for this project
2. Then open Google and run '<http://localhost:8080/youtube-services/swagger-ui/#/>' As a result, you will see two controllers one for JSON and other one for XML response in PartA and PartB.
3. Under JSON Controller – when you open this service you will see a ‘try it out’ button then you can execute the service to see the result.
4. Under XML Controller – Run both services to see the result.

   Looking back at the implementation, what would you consider doing differently

I have used some duplicate of same for part A and part B I would consider to make a common function in a class for that just call this common function for both part A and B instead of write it again. As I set my time limit, so I did not got the chance to implement this functionality.