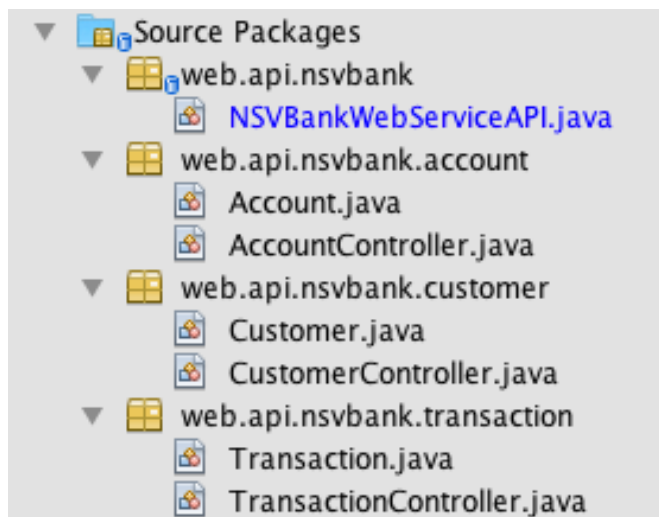**Individual Contribution (Web API Development Project)**

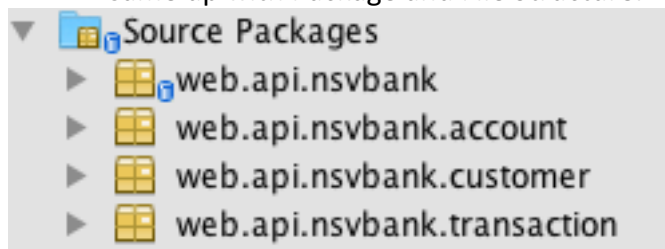**Project name:** NSVBank
Name: Navjot Singh Virk
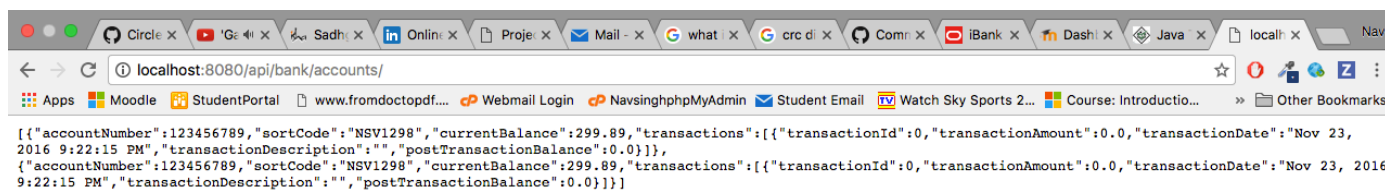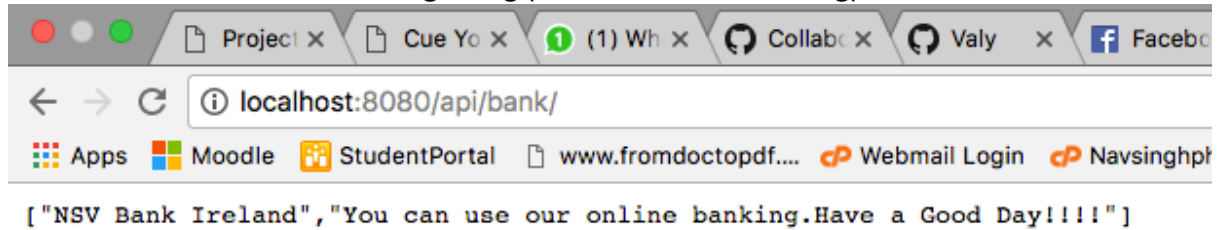**Student Number:** x13112406
My Github Repo for the project: https://github.com/Virksaabnavjot/NSVBank and other team members have access to it.

- Textual description of the problem and the proposed solution part in the Introduction.

- Me and Valentin: We did the ERD Diagram together.

- I set upped the whole project base to start with mentioned in this document - https://github.com/Virksaabnavjot/NSVBank/blob/master/documentation/Jersey%20Web%20API%20Development.pdf

- Came up with Package and File Structure.

▼ 📁 Source Packages
  ▶ 📒 web.api.nsvbank
  ▶ 📒 web.api.nsvbank.account
  ▶ 📒 web.api.nsvbank.customer
  ▶ 📒 web.api.nsvbank.transaction

▼ 📁 Source Packages
  ▼ 📒 web.api.nsvbank
     NSVBankWebServiceAPI.java
  ▼ 📒 web.api.nsvbank.account
     Account.java
     AccountController.java
  ▼ 📒 web.api.nsvbank.customer
     Customer.java
     CustomerController.java
  ▼ 📒 web.api.nsvbank.transaction
     Transaction.java
     TransactionController.java

- Screenshots from the beginning (with the service running)

["NSV Bank Ireland","You can use our online banking.Have a Good Day!!!!"]

[{"accountNumber":123456789,"sortCode":"NSV1298","currentBalance":299.89,"transactions":[{"transactionId":0,"transactionAmount":0.0,"transactionDate":"Nov 23, 2016 9:22:15 PM","transactionDescription":"","postTransactionBalance":0.0}]},
{"accountNumber":123456789,"sortCode":"NSV1298","currentBalance":299.89,"transactions":[{"transactionId":0,"transactionAmount":0.0,"transactionDate":"Nov 23, 2016 9:22:15 PM","transactionDescription":"","postTransactionBalance":0.0}]}]

- The **NSVBankWebServiceAPI.java** is the main service file in which all the HTTP method are implemented for the service.

- Set upped the Client by following the material available on Moodle.

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