**Account Monetary Assignment**

**Prerequisites:**

* **Webserver(Tomcat)**
* **JDB**
* **Maven**
* **Eclipse**
* **DB(MySql)**

**Installation and execution Process:**

**Download from git repository url ……**

**Extract the folder**

**From eclipse, import as maven project**

**Edit->.. resources\ applicationContext-jdbc.xml -> Modify the database properties according to your db details**

<bean id="dataSource"

class="org.springframework.jdbc.datasource.DriverManagerDataSource">

<property name="driverClassName" value="com.mysql.jdbc.Driver"></property>

<property name="url" value="jdbc:mysql://localhost:3306/j2ee\_practice" />

<property name="username" value="root" />

<property name="password" value="root" />

</bean>

**Right click on the project -> Run as - > maven install**

**Once build successfully**

**Right click on project -> Run as -> Run on Server**

**(in case you don’t find run on server option , right click on project -> properties - > project facades - > select dynamic web module and apply )**

**Once Server is up and running**

**Rest URL’s to access the services:**

<http://localhost:8080/jersey-spring-jpa/rest/account/create-account/>

<http://localhost:8080/jersey-spring-jpa/rest/account/transfer-money/>

**Test scenario’s**

**Create Account:**

<http://localhost:8080/jersey-spring-jpa/rest/account/transfer-money/>

**Request**

{

"accountHolderName": "Tina",

"typeOfAccount": "Savings",

"balanceAmount":0.0

}

**Response**

{

"status": 0,

"message": "Account Created Successfully",

"account": {

"accountNumber": 13,

"accountHolderName": "Tina",

"typeOfAccount": "Savings",

"balanceAmount": 500

}

}

Note :- Initial balance is set as 500

**Scenario 2:**

**Transfer Money from account number 12 to account number 13**

<http://localhost:8080/jersey-spring-jpa/rest/account/transfer-money/>

**Request:**

{

"transferFrom": "12",

"transferTo": "13",

"amount": 50.00

}

**Response:**

{

"status": 0,

"message": "Transaction Successfully",

"updatedAccountInfo": [

{

"accountNumber": 13,

"accountHolderName": "Tina",

"typeOfAccount": "Savings",

"balanceAmount": 750

},

{

"accountNumber": 12,

"accountHolderName": "Heena",

"typeOfAccount": "Savings",

"balanceAmount": 450

}

]

}