

The Asset Management Digital Challenge

1. Exposed a REST endpoint called **transferAmount** with the end point url as given below

```
curl --location --request PUT 'localhost:18080/v1/accounts/transfer' \  
--header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
--data-raw '{  
    "accountFromId": "12345",  
    "accountToId": "1234",  
    "transferAmount": 400  
'
```

2. Notifying the account holders with **sendNotification** method once the transaction is complete
3. This method are thread safe and synchronized is being used to hold the lock.
4. Used proper levels of logging info, debug, error
5. Written test cases for multiple scenarios

Improvements on the project if more time

1. **Mocikto** can be introduced for better testing and mocking.
2. **Reliable Database** can be introduced instead of a dummy map
3. Common logic can be added to a Util class.
4. Hibernate, JPA could have been introduced to map from database and do transactions.