**Problem :**

Creating APIs to access Transaction services.

**Context :**  
End user or tools having valid roles access only consume these services .  
  
**Solution:**   
1) Create an in memory data store using EHCache APIs.   
2) Create cache using Java API and no xml configuration is needed.  
3) Create a service class to invoke the third party Bank API system.  
4) Once the data fetched from the transaction list service, construct TransactionData list   
 using JsonHelper classes and store them in the cache.  
5) For every transaction list service invocation, state is managed Event Manager Class.  
6) As there is a chance for transaction data parameters changes from sand box API service,   
 so cache is updated for both matching(existing) and new records.  
7) Event Manager updates current state for the given event inputs.  
8) EHCacheManager creates cache only if it is not present it.  
9) IngLoggerUtil is used for logging; right now, the logging displays the output in the console.  
10) Trasaction Controller exposes three end points.  
  


