AccountTransaction

- serNo : Long
- accountNumber : String
- trxAmount : Double
- description : String
- trxDate : String
- trxTime : String
- customerId : String

+ AccountTransaction (accountNumber : String, trxAmount : Double, description : String, trxDate : String, trxTime : String, customerId : String) : AccountTransaction
+ getserNo () : Long
+ setSerNo (serNo : Long)
+ getAccountNumber () : String
+ setAccountNumber (accountNumber : String)
+ getTrxAmount () : Double
+ setTrxAmount (trxAmount : Double)
+ getDescription () : String
+ setDescription (description : String)
+ getTrxDate () : String
+ setTrxDate (trxDate : String)
+ getTrxTime () : String
+ setTrxTime (trxTime : String)
+ getCustomerId () : String
+ setCustomerId (customerId : String)

AccountTransactionController

- accountTransactionService : AccountTransactionService

+ AccountTransactionController (accountTransactionService : AccountTransactionService)
+ getAccountTransactions() : List<AccountTransaction>
+ getAccountTransactionsPageable(pageNo:Integer, pageSize:Integer, sortBy:String) : ResponseEntity<List<AccountTransaction>>
+ getAccountTransactionsByAccountNumber(accountNumber:String, pageNo:Integer, pageSize:Integer, sortBy:String) : ResponseEntity<List<AccountTransaction>>
+ getAccountTransactionsByCustomerId(customerId:String, pageNo:Integer, pageSize:Integer, sortBy:String) : ResponseEntity<List<AccountTransaction>>
+ getAccountTransactionsByDescription(description:String, pageSize:Integer, sortBy:String) : ResponseEntity<List<AccountTransaction>>

<interface>
AccountTransactionService

+ fetchAllAccountTransaction () : List<AccountTransaction>
+ fetchAllAccountTransactionPageable (pageNo:Integer, pageSize:Integer, sortBy:String) : List<AccountTransaction>
+ fetchByAccountNumber (accountNumber:String, pageNo:Integer, pageSize:Integer, sortBy:String) : List<AccountTransaction>
+ fetchByCustomerId (customerId:String, pageNo:Integer, pageSize:Integer, sortBy:String) : List<AccountTransaction>
+ fetchByDescription (description:String, pageNo:Integer, pageSize:Integer, sortBy:String) : List<AccountTransaction>

AccountTransactionProcessor

+ process (accountTransaction : AccountTransaction) : AccountTransaction

AccountTransactionServiceImpl

- accountTransactionRepository : AccountTransactionRepository

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+ AccountTransactionServiceImpl (accountTransactionRepository : AccountTransactionRepository) : AccountTransactionServiceImpl

<interface>
AccountTransactionRepository

+ findByAccountNumber (accountNumber : String, page : Pageable) : Page<AccountTransaction>
+ findByCustomerId (customerId : String, page : Pageable) : Page<AccountTransaction>
+ findByDescription (description : String, page : Pageable) : Page<AccountTransaction>

BatchConfig

+ dataSource : DataSource

+ job (jobBuilderFactory:JobBuilderFactory, stepBuilderFactory:StepBuilderFactory, itemReader:ItemReader, itemProcessor:ItemProcessor, itemWriter:ItemWriter) : Job
+ itemProcessor () : AccountTransactionProcessor
+ itemReader () : FlatFileItemReader
+ lineMapper () : LineMapper
+ itemWriter () : JdbcBatchItemWriter

SecurityConfig

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configure (http : HttpSecurity)
+ configureGlobal (auth : AuthenticationManagerBuilder)