com.mbb.ib.entity

TxnHistory
- id : int
- account_number : BigInteger
- trx_amount : BigDecimal
- description : String
- trx_date : Date
- trx_time : Date
- customer_id : int
- record : int

+ getId ()
+ setId (id : int)
+ getAccount_number ()
+ setAccount_number (account_number : BigInteger)
+ getTrx_amount ()
+ setTrx_amount (trx_amount : BigDecimal)
+ getDescription ()
+ setDescription (description : String)
+ getTrx_date ()
+ setTrx_date (trx_date : Date)
+ getTrx_time ()
+ setTrx_time (trx_time : Date)
+ getCustomer_id ()
+ setCustomer_id (customer_id : int)
+ getRecord ()
+ setRecord (record : int)

Users
- customer_id : int
- username : String
- password : String

+ getCustomer_id ()
+ setCustomer_id (customer_id : int)
+ getUsername ()
+ setUsername (username : String)
+ getPassword ()
+ setPassword (password : String)
+ Users (customer_id : int, username : String, pasword : String)
+ Users ()

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JwtUtil
- secretKey : String

+ extractUsername (token : String)
+ extractExpiration (token : String)
+ extractClaim (token : String, claimsResolver : Claims)
- extractAllClaims (token : String)
- isTokenExpired (token : String)
+ generateToken (userDetails : UserDetails)
- createToken (claims : Map, subject : String)
+ validateToken (token : String, userDetails : UserDetails)

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Application
+ main (args: String[])

RequestFilter
- userDetailsService : UserService
- jwtUtil : JwtUtil

doFilterInteral (request : HttpServletRequest, response : HttpServletResponse, filterChain : FilterChain)

SecurityConfigurer
- userDetailsService : UserService
- requestFilter : RequestFilter

configure (auth : AuthenticationManagerBuilder)
+ authenticationManagerBean ()
+ passwordEncoder ()
# configure (http : HttpSecurity)

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TxnHistoryController
- txnHistoryService : TxnHistoryService

+ findByCurrentUser (HttpServletRequest: HttpServletRequest, page : Integer, size : Integer)
+ findAll (page : Integer, size : Integer)
+ filterAllByCustomerId (page : Integer, size : Integer, id : Integer)
+ filterAllByAccountNumber (page : Integer, size : Integer, accountnumber : BigInteger)
+ filterAllByDescription (page : Integer, size : Integer, description : String)
+ filterAllByCustomerIdAndAccountNumber (page : Integer, size : Integer, id : Integer, accountnumber : BigInteger)
+ filterAllByCustomerIdAndAccountNumberAndDescription (page : Integer, size : Integer, id : Integer, accountnumber : BigInteger, description : String)

AuthenticationController
- authenticationManager : AuthenticationManager
- userDetailsService : UserService
- jwtUtil : JwtUtil

+ createAuthenticationToken (data: AuthRequest)

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TxnHistoryService
- txnHistRepo : ITxnHistoryRepository

+ findByCurrentUser (txnHist : TxnHistory)
+ findAll (txnHist: TxnHistory)
+ findAllFilterByCustomerId (txnHist: TxnHistory)
+ findAllFilterByAccountNumber (txnHist: TxnHistory)
+ findAllFilterByDescription (txnHist: TxnHistory)
+ findAllFilterByCustomerIdAndAccountNumber (txnHist: TxnHistory)
+ findAllFilterByCustomerAndAccountNumberAndDescription (txnHist: TxnHistory)
- getFromRow (txnHist: TxnHistory)
- getEndRow (txnHist: TxnHistory)
- updateFromRow (txnHist: TxnHistory)
- amountConvertToBigInteger (txnHist: TxnHistory)

UserService
- userRepo : IUserRepository

+ loadUserByUsername (username : String)

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<<Interface>> ITxnHistoryRepository
+ findByCurrentUser (getFromRow : int, size : int, username : String)
+ findAll (getFromRow : int, size : int)
+ findAllFilterByCustomerId (getFromRow : int, size : int, customerid : int)
+ findAllFilterByAccountNumber (getFromRow : int, size : int, accountnumber : BigInteger)
+ findAllFilterByDescription (getFromRow : int, size : int, description : String)
+ findAllFilterByCustomerIdAndAccountNumber (getFromRow : int, size : int, customerid : int, accountnumber : BigInteger)
+ findAllFilterByCustomerAndAccountNumberAndDescription (getFromRow : int, size : int, customerid : int, accountnumber : BigInteger, description : String)
+ countByCurrentUser (username : String)
+ countAll ()
+ countAllFilterByCustomerId (customerid : int)
+ countAllFilterByAccountNumber (accountnumber : BigInteger)
+ countAllFilterByDescription (description : String)
+ countAllFilterByCustomerIdAndAccountNumber (customerid : int, accountnumber : BigInteger)
+ countAllFilterByCustomerAndAccountNumberAndDescription (customerid : int, accountnumber : BigInteger, description : String)

<<Interface>> IUserRepository
+ findByUsername (username : String)

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TxnHistResponse
- user : String = 'All'
- totalRecord : int
- pageNumber : int
- pageSize : int
- recordStartWith : int
- recordEndWith : int
- customerId : String = 'NA'
- accountnumber : String = 'NA'
- description : String = 'NA'
- txnHist : List

+ getTotalRecord ()
+ setTotalRecord (totalRecord : int)
+ getPageNumber ()
+ setPageNumber (pageNumber : int)
+ getPageSize ()
+ setPageSize (pageSize : int)
+ getTxnHist ()
+ setTxnHist (txnhist : TxnHistory)
+ getUser ()
+ setUser (user : String)
+ getCustomerId ()
+ setCustomerId (customerid : String)
+ getAccountnumber ()
+ setAccountnumber (accountnumber : String)
+ getDescription ()
+ setDescription (description : String)
+ getRecordStartWith ()
+ setRecordStartWith (recordStartWith : int)
+ getRecordEndWith ()
+ setRecordEndWith (recordEndWith : int)

AuthRequest
- username : String
- password : String

+ getUsername ()
+ setUsername (username : String)
+ getPassword ()
+ setPassword (password : String)

AuthResponse
- jwt : String

+ getJwt ()
+ AuthReponse (jwt : String)

com.mbb.ib.constant

<<Enumeration>> TxnHistoryConstant
+ authorization : String
+ bearer : String
+ apiPath_1 : String
+ apiPath_2 : String
+ apiPath_3 : String
+ apiPath_4 : String
+ apiPath_5 : String
+ apiPath_6 : String
+ apiPath_7 : String
+ apiPath_8 : String
+ apiPath_9 : String
+ apiPath_10 : String
+ page : String
+ size : String
+ id : String
+ accountNumber : String
+ description : String
+ getFromRow : String
+ all : String
+ na : String
+ filterByCustomerId : String
+ filterByAccountNumber : String
+ filterByDescription : String
+ datePattern : String
+ timePattern : String
+ sqlQuery1 : String
+ sqlQuery2 : String
+ sqlQuery3 : String
+ sqlQuery4 : String
+ sqlQuery5 : String
+ sqlQuery6 : String
+ sqlQuery7 : String
+ sqlQuery8 : String
+ sqlQuery9 : String
+ sqlQuery10 : String
+ sqlQuery11 : String
+ sqlQuery12 : String
+ sqlQuery13 : String
+ sqlQuery14 : String
+ nativeQueryFlag : Boolean
+ txnHistoryTable : String
+ account_Number : String
+ trxAmount : String
+ trxDate : String
+ trxTime : String
- TxnHistoryConstant ()

<<Enumeration>> UserConstant
+ password : String
+ userTable : String
- UserConstant ()

<<Enumeration>> CommonConstant
+ username : String
+ customerId : String
+ customer_Id : String
- CommonConstant ()

<<Enumeration>> ErrorConstant
+ badCredentials : String
- ErrorConstant ()