

mainview

Application

AuthenticationView

ContractDurationFrame

Controller

Display

NearExpiryContractFrame

HomeView

NotificationFrame

RemovablePanel

Utils

<<interface>>
NavigationPane

<<interface>>
MouseClickedListener

<<interface>>
MessageView

<<interface>>
Observer

<<abstract>>
View

Application

+ API_KEY_FILE_NAME:String
+ myApiKey:String
+ rootUrl:String

+ main(String[] args):void

AuthenticationView

+ panel:Jpanel
+ userLabel:JLabel
+ userText:JTextField
+ passwordLabel:JLabel
+ passwordText:JPasswordField
+ loginButton:JButton
- PREFERRED_SIZE:Dimension
- MAX_INPUT_LENGTH:int

+ AuthenticationView(Display display)
- placeComponents():void
+ getUsername():String
+ getPassword():String

ContractDurationFrame

- three:JRadioButtonMenuItem
- six:JRadioButtonMenuItem
- twelve:JRadioButtonMenuItem
- twtyfour:JRadioButtonMenuItem
- longer:JRadioButtonMenuItem
- longerduration:JTextField
- options:ButtonGroup
- selectedDuration:int

+ ContractDurationFrame()
+ show():void
- reload():void
+ getselecteddduration():int

Controller

Display

- frame:JFrame
+ FRAME_WIDTH:int
+ FRAME_HEIGHT:int

+ Display()
+ createPanel(JComponent panel):void
+ setVisible():void
+ removePanel(JComponent panel):void
+ closeWindow():void

NearExpiryContractFrame

+ contracts:List<Contract>

+ NearExpiryContractFrame(List<Contract> contracts)
+ show():void

<<interface>>
NavigationPane

<<interface>>
MouseClickedListener

<<interface>>
MessageView

HomeView

- user:User
+ panel:Jpanel
+ studentButton:JButton
+ tutorButton:JButton
+ logout:JButton

+ HomeView(Display display, User user)
- placeComponents():void

NotificationFrame

- message:String

+ NotificationFrame(String message)
+ show():void

<<interface>>
Observer

RemovablePanel

Utils

<<abstract>>
View

Bid

BidAddInfo

BidResponse

Contract

Monitor

ContractCessationInfo

ContractAddInfo

MessageAddInfo

Subject

EventType

MatchRequest

Message

<<interface>> Model

User

<<abstract>> Observable

ContractReuse

StudentAllBids

ReviseContractTerm

CreateSameTutorContract

StudentAllContracts

StudentResponseView

StudentMessageView

StudentView

CreateRequest

TutorMonitorView

TutorResponseView

CreateBid

TutorAllContracts

TutorView

TutorAllBids

TutorMessageView