

mainview

Application

- + API_KEY_FILE_NAME:String
- + myApiKey:String
- + rootUrl:String
- + main(String[] args):void

NearExpiryContractFrame

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

NotificationFrame

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

<<interface>> NavigationPane

<<interface>> Observer

Observer

ContractDurationFrame

- three:JRadioButtonMenuItem
- six:JRadioButtonMenuItem
- twelve:JRadioButtonMenuItem
- twtyfour:JRadioButtonMenuItem
- longer:JRadioButtonMenuItem
- longerduration:JTextField
- options:ButtonGroup
- selectedDuration:int
- + ContractDurationFrame()
- + show():void
- reload():void
- + getselectedduration():int

<<interface>> MouseClickListener

RemovablePanel

Controller

<<interface>>

MessageView

Utils

+ Display()

- frame:JFrame

+ FRAME WIDTH:int

+ FRAME HEIGHT:int

+ createPanel(JComponent panel):void

Display

- + setVisible():void
- + removePanel(JComponent panel):void
- + closeWindow():void

HomeView

- user:User
- + panel:Jpanel
- + studentButton:JButton
- + tutorButton:JButton
- + logout:JButton
- + HomeView(Display display, User user)
- placeComponents():void

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model				
Bid	BidAddInfo	BidResponse	Contract	Monitor
ContractCessationInfo	ContractAddInfo	MessageAddInfo	Subject	EventType
MatchRequest	Message	< <interface>></interface>	User	< <abstract>> Observable</abstract>
		Model		

ContractReuse	StudentAllBids	ReviseContractTerm	CreateSameTutorContract	
				StudentAllContracts
				StudentAlicontracts
StudentResponseView	StudentMessageView	StudentView	CreateRequest	
			CreateRequest	

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tutorview			
TutorMonitorView	TutorResponseView	CreateBid	
			TutorAllContracts
TutorView	TutorAllBids	TutorMessageView	