FIT3077 Assignment 3 Class Diagram

Group Name: VeishenNadeemNguyen
Lucid Chart Link: https://lucid.app/lucidchart/invitations/accept/inv_9efa2639-050c-4337-ba94-af80e0df19ff

mainview

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

Utils

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

<> View

Controller

Display
- - frame:JFrame
- + FRAME_WIDTH:int
- + FRAME_HEIGHT:int
- + Display()
- + createPanel(JComponent panel):void
- + setVisible():void
- + removePanel(JComponent panel):void
- + closeWindow():void

<<interface>> Observer

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

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

ListPanel
- + ListPanel(List<JComponent> comp)

<<interface>> MessageView

<<interface>> MouseClickListener

<<interface>> NavigationPane

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

model

Bid

BidAddInfo

BidResponse

Contract

ContractAddInfo

MessageAddInfo

ContractCessationInfo

Message

Subject

MatchRequest

User

Monitor

<> Observable

<<interface>> Model

studentview

ContractReuse

CreateRequest

ReviseContractTeam

StudentResponseView

StudentAllBids

StudentAllContracts

StudentAllMessageView

StudentView

tutorview