Group Name: VeishenNadeemNguven

|          | Lucid Chart Link: https://lucid.app/lucidchart/invitations/accept/inv_9efa2639-050c-4337-ba94-af80e0c |
|----------|---|
| mainview |   |
|          |   |

| ainview  |   |   |                                |   | model                 |  |                |          |
|--|---|---|--------------------------------|---|-----------------------|--|----------------|----------|
| Application  | ContractDurationFrame   | Controller  |                                | HomeView  |                       |  |                |          |
| + API_KEY_FILE_NAME:String<br>+ myApiKey:String<br>+ rootUrl:String  | - three:JRadioButtonMenuItem<br>- six:JRadioButtonMenuItem<br>- twelve:JRadioButtonMenuItem         |   |                                |   | Bid                   | BidAddInfo                                 | BidResponse    | Contract |
| + main(String[] args):void   | - twtyfour:JRadioButtonMenuItem<br>- longer:JRadioButtonMenuItem                                    |   | + tutor                        | 'Button:JButton<br>ut:JButton                                   |                       |  |                |          |
| AuthenticationView   | - longerduration:JTextField - options:ButtonGroup - selectedDuration:int  + ContractDurationFrame() | Display + H   | + Hom                          | + HomeView(Display display, User user) - placeComponents():void |                       |  |                |          |
| - panel:Jpanel<br>- userLabel:JLabel<br>- userText:JTextField  |   |   | - place                        |   |                       | ContractAddInfo                            | MessageAddInfo |          |
| PasswordLabel:JLabel PasswordText:JPasswordField PasswordText:JPasswordField PasswordText:JPasswordField PasswordText:JPasswordField AX_INPUT_LENGTH:int | + show():void - reload():void + getselectedduration():int   | + Display() + createPanel(JComponent panel): + setVisible():void + removePanel(JComponent panel) + closeWindow():void |                                | ListPanel   | ContractCessationInfo |  |                |          |
| - AuthenticationView(Display display)<br>placeComponents():void  | < <abstract>&gt;<br/>View</abstract>  |   | + Li:                          | stPanel(List <jcomponent> comp)</jcomponent>                    |                       | Message                                    | Subject        |          |
| getUserName():String<br>getPassword():String   |   | < <interface>&gt; Observer</interface>  |                                |   | MatchRequest          |  | _              |          |
| Utils  |   |   |                                | NearExpiryContractFrame ist <contract></contract>               |                       |  |                | User     |
|  |   |   | + NearExpiry(<br>+ show():void | ContractFrame(List <contract> contracts)</contract>             |                       |  |                |          |
|  |   |   | · oneworveid                   | •   | Monitor               | < <abstract>&gt;<br/>Observable</abstract> |                |          |
|  |   | interface>><br>vigationPane   | NotificationFrame              |   |                       | < <interface>&gt; Model</interface>        | ]              |          |
|  |   |   |                                | - message:String  |                       |  |                | -        |
|  |   |   |                                | + NotificationFrame(String message) + show():void               |                       |  |                |          |



