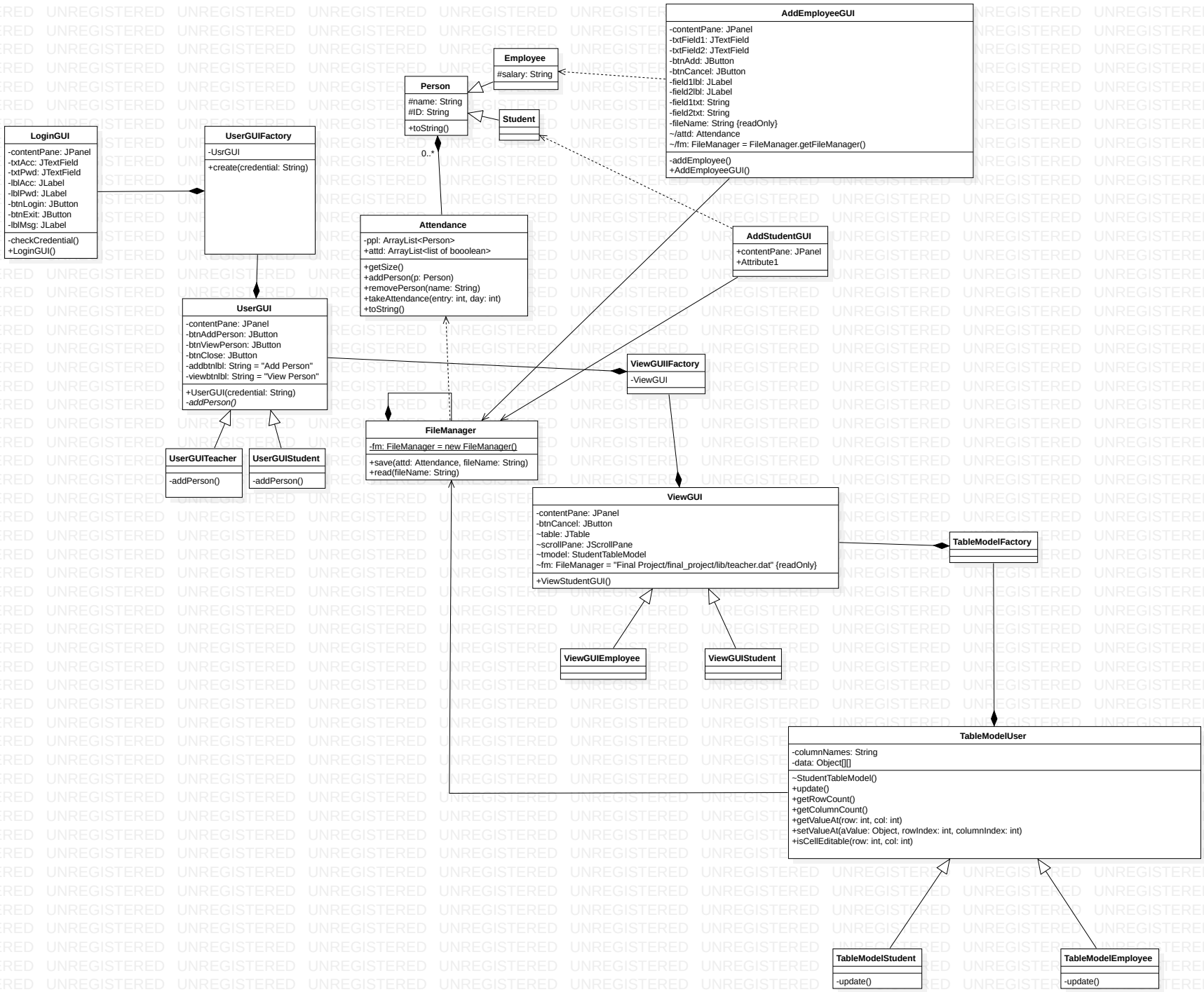
Model::Main


AddEmployeeGUI
-contentPane: JPanel
-txtField1: JTextField
-txtField2: JTextField
-btnAdd: JButton
-btnCancel: JButton
-field1lbl: JLabel
-field2lbl: JLabel
-field1txt: String
-field2txt: String
-fileName: String {readOnly}
~/attd: Attendance
~/fm: FileManager = FileManager.getFileManager()
-addEmployee()
+AddEmployeeGUI()
Employee
#salary: String
Person
#name: String
#ID: String
+toString()
Student
LoginGUI
-contentPane: JPanel
-txtAcc: JTextField
-txtPwd: JTextField
-lblAcc: JLabel
-lblPwd: JLabel
-btnLogin: JButton
-btnExit: JButton
-lblMsg: JLabel
-checkCredential()
+LoginGUI()
UserGUIFactory
-UsrGUI
+create(credential: String)
0..*
Attendance
-ppl: ArrayList<Person>
+attd: ArrayList<list of booolean>
+getSize()
+addPerson(p: Person)
+removePerson(name: String)
+takeAttendance(entry: int, day: int)
+toString()
AddStudentGUI
+contentPane: JPanel
+Attribute1
UserGUI
-contentPane: JPanel
-btnAddPerson: JButton
-btnViewPerson: JButton
-btnClose: JButton
-addbtnlbl: String = "Add Person"
-viewbtnlbl: String = "View Person"
+UserGUI(credential: String)
-addPerson()
ViewGUIIFactory
-ViewGUI
FileManager
-fm: FileManager = new FileManager()
+save(attd: Attendance, fileName: String)
+read(fileName: String)
UserGUITeacher
-addPerson()
UserGUIStudent
-addPerson()
ViewGUI
-contentPane: JPanel
-btnCancel: JButton
~table: JTable
~scrollPane: JScrollPane
~tmodel: StudentTableModel
~fm: FileManager = "Final Project/final_project/lib/teacher.dat" {readOnly}
+ViewStudentGUI()
TableModelFactory
ViewGUIEmployee
ViewGUIStudent
TableModelUser
-columnNames: String
-data: Object[][]
~StudentTableModel()
+update()
+getRowCount()
+getColumnCount()
+getValueAt(row: int, col: int)
+setValueAt(aValue: Object, rowIndex: int, columnIndex: int)
+isCellEditable(row: int, col: int)
TableModelStudent
-update()
TableModelEmployee
-update()