**411 Week 13 Sess B Agenda – 11/19/14**

1. Proj Logic

2. Proj Tips - **key UNIQUE field** to track & update table with …..

3. documentation demo solution video v snapshots –

<http://www.youtube.com/watch?v=u_TE27TI0ok&feature=youtu.be>

**\*\*\*specify your work , ec work in your doc..What you did specially if working in a group!**

4. Jtable with GUI, JDBC logic

=>Spec links 1 <https://docs.oracle.com/javase/tutorial/uiswing/components/table.html>

=>Spec links 2 <https://docs.oracle.com/javase/tutorial/jdbc/basics/jdbcswing.html>

Per stack overflow

The *easiest* way is to put your data in vectors, and then construct a Vector from the data, and then construct a [DefaultTableModel](http://docs.oracle.com/javase/6/docs/api/javax/swing/table/DefaultTableModel.html#DefaultTableModel%28java.util.Vector,%20java.util.Vector%29) with that data.

If all you need to do is view the data this is the easiest way. Its not really a good way for viewing the data though, and its really quite bad when it comes to editing.

Some pre Jtable setup Code logic:

// class declaration

**public** **class** JDBC {

**private** Connection connect = **null**;

**private** Statement statement = **null**;

**private** ResultSet resultset = **null**;

**public** Vector<String> record = **new** Vector<String>(0);

**public** Vector<Vector<String>> records = **new** Vector<Vector<String>>(0);

// gui imports

**import** java.awt.BorderLayout;

**import** java.awt.Color;

**import** java.awt.Component;

**import** java.awt.Dimension;

**import** java.awt.Font;

**import** java.awt.event.ActionEvent;

**import** java.awt.event.ActionListener;

**import** java.text.DateFormat;

**import** java.text.SimpleDateFormat;

**import** java.util.Date;

**import** java.util.Vector;

**import** javax.swing.BoxLayout;

**import** javax.swing.JButton;

**import** javax.swing.JFrame;

**import** javax.swing.JLabel;

**import** javax.swing.JOptionPane;

**import** javax.swing.JPanel;

**import** javax.swing.JScrollPane;

**import** javax.swing.JTable;

**import** javax.swing.JTextField;

Some highlights

// menu panel

JPanel menu = **new** JPanel();

// menu panel settings

menu.setLayout(**new** BoxLayout(menu, BoxLayout.***Y\_AXIS***));

menu.setPreferredSize(**new** Dimension(300, 675));

menu.setBackground(Color.***gray***);

// active panel

JPanel active = **new** JPanel();

// active panel settings

active.setLayout(**new** BoxLayout(active, BoxLayout.***Y\_AXIS***));

active.setPreferredSize(**new** Dimension(900, 675));

active.setBackground(Color.***lightGray***);

// menu filler -- use for panel spacing!

JLabel filler = **new** JLabel("");

filler.setMaximumSize(**new** Dimension(200, 60));

JLabel filler2 = **new** JLabel("");

filler2.setMaximumSize(**new** Dimension(200, 40));

JLabel filler3 = **new** JLabel("");

filler3.setMaximumSize(**new** Dimension(200, 40));

JLabel filler4 = **new** JLabel("");

filler4.setMaximumSize(**new** Dimension(200, 40));

JLabel filler5 = **new** JLabel("");

filler5.setMaximumSize(**new** Dimension(200, 40));

JLabel filler6 = **new** JLabel("");

filler6.setMaximumSize(**new** Dimension(200, 40));

// insert filler (spacer) into menu panel

menu.add(filler);

5. Project Management timelines

Concept : TTM (Time to Market)

<http://www.icme.com/mosaic/_M_userfiles/images/TelecomMedia/Time-To-Market%20(TTM)%20process.jpg>

6. JavaFx ppts (2)

=>eclipse plug-in : <http://www.eclipse.org/efxclipse/install.html>

=>JFXtras: <http://www.youtube.com/watch?v=xjbYU3HrPNk&t=2m4s>

7. Android Intro – New changes in Android SDK…

Android Lollipop (**Android L**) - released but fixes are needed!

<http://www.powershow.com/view0/660ca0-N2JmO/Google_Rolls_Out_Android_5_0_Lollipop_-_Game_changer_for_developers_1_powerpoint_ppt_presentation>

jdbc Demo ticket creation. Code logic makes us of Asyncronized threading to communicate with the database!

<http://www.papademas.net/jdbcAndroid.pdf>

­­­­­­­­­­­­­­­­­­Next week (Week 14)–

Packaging .jar files & deployment

Quiz. Review JDBC / Networking/Coupling, Cohesion,polymorphism/Regex

More android (quiz to come)

Wednesday off

Projects due in the LATEST by Sun. 11/30.

Week 15

Monday final review

Wednesday in class final – part 1