



Where's My Professor? Creating Faculty Schedule Cards

**By
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Overview

- **My Project**
- **Design of the Schedule Card**
- **Gathering the Information**
- **Updating the Schedule Card**
- **Problems**
- **Conclusion**

My Project

- **Fulfill the requirements of Computer Science Senior Seminar**
- **Create Schedule Cards for the Faculty of Union University**

Design of the Schedule Card

Same design as existing ones

Project Seminar.ipr - C:\jbuilder2\myprojects\Seminar\ScheduleCard.java

Faculty Schedule Card Name: Phone: (O)

Semester: Year: Phone: (H)

	8:00 - 8:50	9:00 - 9:50	10:00 - 10:50	11:00 - 11:50	12:00 - 12:50	1:00 - 1:50	2:00 - 2:50	3:00 - 3:50	4:00 - 4:50	5:00 - 5:50	6:00 - 10:00
MON											
TUE	8:00 - 9:15	9:25 - 10:40	10:50 - 12:05	12:15 - 1:30	1:40 - 2:55	3:00 - 3:50	4:00 - 4:50	5:00 - 5:50	6:00 - 10:00		
WED	8:00 - 8:50	9:00 - 9:50	10:00 - 10:50	11:00 - 11:50	12:00 - 12:50	1:00 - 1:50	2:00 - 2:50	3:00 - 3:50	4:00 - 4:50	5:00 - 5:50	6:00 - 10:00
THU	8:00 - 9:15	9:25 - 10:40	10:50 - 12:05	12:15 - 1:30	1:40 - 2:55	3:00 - 3:50	4:00 - 4:50	5:00 - 5:50	6:00 - 10:00		
FRI	8:00 - 8:50	9:00 - 9:50	10:00 - 10:50	11:00 - 11:50	12:00 - 12:50	1:00 - 1:50	2:00 - 2:50	3:00 - 3:50	4:00 - 4:50	5:00 - 5:50	6:00 - 10:00

Source Design Bean Doc

thu1215 x: 344 y: 397

Gathering the Information

- **Originally supposed to use information from database**
- **File with all the schedule information**
- **The file was laid out in a way that the information was easy to read into the program**

Gathering the Information

Sample code

```
try {
    file.seek( facname * Record.size() );
    data.read( file );
    if ( data.getFacname() == facname ) {
        class.setValue( data.getClass() );
        dayOfWeek.setValue( data.getDay() );
        time.setValue( data.getTime() );
        classrm.setValue( data.getClassrm() );
    }
}
catch ( IOException ioe ) {
    facname.setText( "Error reading file" );
}
```

Updating the Schedule Card

- **Goal is to take the information just received from the file and update the card**
- **Red block for class; Blue block for office hours**
- **The class and class room would be included in the class block**

Updating the Schedule Card

Sample Code

```
if ( dayOfWeek == 'M' ) {  
    if ( time == '8:00-8:50A' ) {  
        mon8t.setColor( 255, 0, 0 );  
        mon8t.setText( class\r\nclassrm );  
    }  
}
```


Problems

- **Not sure if reading from the file correctly**
- **Updating the card**



Conclusion
