**LAB 5**

**What to turn in for this lab:**

* + 1. README file. It should include your iteration plan with your actual times for each task and your comments about this lab.
    2. All the projects/code you have for this lab.

1. You are given the TagValid project- Lab7\_Valid

This is a Spring Tag and validation problem.

1. The implementation of the StudentController must be enhanced to handle validation.
2. The appropriate tags must be implemented in the view with respect to the page.
3. The errormessages.properties must reflect the validation messages.
4. The domain model[s] must be annotated for validation.

The following fields will need validation:

1. The three fields related to the phone. The area must be 3 digits. The prefix 3 digits. The number, 4 digits. Three separate input fields. Note: This can be BEST done by a customer Formatter [single input field] But I do NOT expect you to do one. You might try validating a number between 100-999 for the 3 digit case, 1000-9999, etc. Regular Expressions will NOT work as it [phone number] is an object of integers.
2. The birthday should be a valid date format. [ mm/dd/yyyy]
3. The email must be a valid format
4. First and last name must have values. First name must be between 4 and 50 characters.

All the fields listed for annotation are to be tested so that they have values. All error messages must clearly identify the field. All errors should display in red. There should be an error per field as well as a summary of errors at the top of the page.

The form page, registration.jsp also needs to be completed - as needed – for example the Gender list and the phone fields need to be filled in.