I worked on running the algorithm on my scenario 3-large one error test file. I checked for the following:

1. If faculty member is scheduled for another class at same day and time.
2. If faculty member only is assigned courses that they picked.
3. If the faculty member gets the courses they choose and if it was at the same time preference they picked.
4. If any given room is occupied by two different or the same faculty member at the same time and days-of-week.
5. If any faculty member picked a course and time preference but did not get scheduled for some reason.

* I noticed that now after the changes made on 4-24-2013 in meeting with Jared, Debs, & I that when uploading new files nothing shows up on the screen to indicate that the uploaded file was successfully uploaded if no errors in the file exist. Need to include an upload successful message if possible.
  + We did this on purpose, it only displays a different page if there is an error. If we could use javascript, an upload successful message would be okay to do. But we are trying to reduce the number of "clicks" the administrator will have to make.
* Found a defect in the available rooms’ scanner, I inserted a character following the room name and the scanner did not catch the error. For example, “C 29 KELLER 211A”. (Fixed it Alla 4-25-2013).
  + Just changed it so that the only valid delimiters following room number are tabs, spaces, and carriage-return, and newline symbol. Preformed regression testing.
  + I also observed that the error was not shown after the fix I performed. I mean, the in the example from above, room KELLER 211 was not inserted into the database which is correct but the application didn’t say there was error on line 12 invalid room number.