Group Project Name: I-report

Group Members: Jason, Teresa, Cabret

What problem are we solving?

We make I-reports for failing students and to set a grid for teachers to fill in and also let them print out the result in pdf.

How it helps?

save time for teachers to find the failing students and point out which assignment the student is missing. Provide convenience for teachers.

How it works?

- let teacher import csv files of the transcripts of the whole class

* We make assignments information and students information and compare it to see who is failing and why is he failing(failing assignments).
* create interfaces with checkboxes for teachers to check
* save teachers’ comments and the checks teacher do
* output the result in pdf

How to use

* click the button “import the file” to import file from the computer
* check the checkboxes for students who are failing or write comments on it
* click the button “generate” then the result is built in as a pdf file.

Challenges

* the idea of the program doesn’t come from the members, so all of the members are lack of understanding to this question
* read the csv and to produce it as a pdf file
* several questions about how array list works can help more than a simple 2d array are met and slowed down the progress

Solutions

* we search for similar programs and asked teacher for help
* reveal the knowledge of array list and io exceptions
* read java api

How is work separated?

* one does the interface with checkboxes for teachers, comments for teachers, and place to add their names
* one does the saving attributes from the file read with students’ info and assignment info so that it can be used to find which student is failing
* one does the drawing panel and combine all the classes together so that when the button “generate” is pressed, the status of one of the students is printed in pdf