CSVReader.py and Categories.py

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I Both CSVReader.py and Categories.py parse a .csv file, but return different things.

A *Categories.py is used to get the sliders within the app. This will be useful for a future implementation of our app where the sliders can be used to change the weights of the various categories.*

B *CSVReader.py is used to parse the CSV file you created. We have this step in order to pass a .txt file to the Java program that runs the algorithm.*

II These are the methods within each file

A *Shared Methods*

1. read_csv()
   a. This method takes an argument of a .csv input
   b. This method reads in a .csv file and puts them into arrays with which you can manipulate the data from the .csv
2. parse_categories(array)
   a. This method parses the categories set in the excel document and returns a dictionary.
   b. This method is the one that allows the multiple sliders to appear within the UI.

B *Categories.py*

1. main(input)
   a. This is the main function that takes in the input from DuckDuckGroup.py in order to pass the .csv file into the read_csv function.
   b. The main outputs a text file with the categories.

C *CSVReader.py*

1. parse_students(student_array, categories_dictionary)
   a. This is the function that puts a student into format for output.
   b. It takes an array of unparsed single students that will all be compiled in the main function, and a dictionary of categories.
   c. Returns a string for one student.
2. main(input)
   a. This is the main function that takes in the input from DuckDuckGroup.py in order to pass the .csv file into the read_csv function.
   b. The function compiles all of the students from the parse_students function and outputs them into one text file, which is passed to the Java program that runs the team matching algorithm.