

Group Maker Checklist

- ☒ Prompts user for filename
- ☒ Prompts user how they want groups to be made (By number of students per group or by how many groups will be made)
- ☒ Prompts if user wants completely random groups
- ☒ Prompts if user would like to use blacklists
- ☐ No groups contains someone from blacklists
- ☒ Displays groups on terminal
- ☒ All groups are random
- ☒ Creates output CSV with proper groups

↪ not work including
preferred doesn't work

Testing blacklist
Person C can be in a group w/
A, D, J
When made in a group w/
Person A and person B

Can

G

3

N

Y

int tempmod;
if (totalstud % studnum) < studnum

Group Maker Testing Team Reports

Test Name: Uneven division

What functionality was tested: If classes can be divided unevenly

Result of the Test (circle one): Pass Fail Inconclusive

Expected Output: Uneven division of 8 kids into 10 groups

Actual Output: 10 groups

How to replicate the result if it was failed:

6
8
Y

(Fail)

Test Name: 7 per group in 10 students

What functionality was tested: If you have too many students in a group

Result of the Test (circle one): Pass Fail Inconclusive

Expected Output:

Actual Output: Crashes (index out of range)

How to replicate the result if it was failed:

✓

N
7
Y

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Test Name: 3 Group Generation

What functionality was tested: Group Sizes correct

Result of the Test (circle one): Pass/Fail/Inconclusive

Expected Output: 1 group of 6 1 group of 5

Actual Output: error - index out of range

How to replicate the result if it was failed:

✓ Group Maker Sample.csv
~~Inputs~~ Inputs: N
6
5

- Works if by
groups not
group size

Test Name: 1 Read CSV

What functionality was tested: correctly takes CSV

Result of the Test (circle one): Pass/Fail/Inconclusive

Expected Output: Uploaded

Actual Output: Uploaded

How to replicate the result if it was failed:

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Test Name: Import text

What functionality was tested: importing an incorrect filetype /

Result of the Test (circle one): Pass/Fail/Inconclusive

Expected Output: Incorrect file extension

Actual Output: file does not exist or incorrect spelling

How to replicate the result if it was failed:

✓ Test works but error message is wrong / confusing

Test Name: file not found

What functionality was tested: If an incorrect file was requested

Result of the Test (circle one): Pass/Fail/Inconclusive

Expected Output: ✓

Actual Output: ✓

How to replicate the result if it was failed: ✓

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Test Name: Case sensitivity

What functionality was tested: If lowercase letters could be detected

Result of the Test (circle one): Pass/Fail/Inconclusive

Expected Output: To be recognized

Actual Output: Repeated statement / waiting for correct output

How to replicate the result if it was failed:

✓ How would you like to have your groups created?
n
(repeated)

Test Name:

What functionality was tested: More groups than students

Result of the Test (circle one): Pass/Fail/Inconclusive

Expected Output: Error message

Actual Output: Integer Division or modulo by zero

How to replicate the result if it was failed:

✓
6
15
y

general note: too many output files.
Make case insensitive

Test Name: Group generation

What functionality was tested:

Result of the Test (circle one): Pass/Fail/Inconclusive

Expected Output: a CSV

Actual Output: error line 201

How to replicate the result if it was failed:

N students / 5 per group / Not random / no blacklist
if Blacklist is not used it breaks

Test Name: testing other CSV

What functionality was tested:

Result of the Test (circle one): Pass/Fail/Inconclusive

Expected Output:

Actual Output:

How to replicate the result if it was failed:

if the header in the file is right but contents
arent NAN is put into the col for the student