Criterion E: Evaluation

Success Criteria:

- Take name time, save to csv

  This can be found in home.html and app.py. The students name is taken from home.html and saved with the time into a spreadsheet. The date was redundant, as the spreadsheet has the date.

- Show how long pass was out

  This can be found in back.html. The timer counts from the time the student leaves.

- Store data in spreadsheet in a readable way

  All the data is stored neatly into a csv, that can be opened with any text editor

- Show total time out.

  Time out is kept track. The value is calculated in app.py

- Alert teacher when student is absent for long.

  Once a certain amount of time has passed, the screen starts flashing. This process occurs in back.html.

- Have a unique spreadsheet for each day generated automaticly.

  This can be seen whenever a student first signs in. This process takes place in app.py

Feedback:

My client very much enjoyed my product. She had problems with certain things, such as the way the data was formatted, and what data was included and how long the student could be out, but the core values the program represented where appreciated. When I installed it and showed it to her, she had issues with the way you accessed the home page through the ip, however she liked the content on the page.

Expansions:

Variables: Currently there is no way to change the maximum time out without changing the source code, so this could be added. It could be done by making the time out a variable sent to the page from app.py, which could get it from a new file called config.py.

Multiple Passes

When another student signs in from a different tab the system overwrites the last student. This could be fixed by adding new variables used when the old ones are in use.

Word Count = 325

Recommendations for Further Development