## Criterion E: Evaluation

1. The program takes input from the user of the following from a .csv file:
   1. Student’s timetables

*Met – see Criterion D*

* 1. Student’s names

*Met – see Criterion D*

1. The program returns the following:
   1. The information entered, upon request

*Met – see Criterion D*

* 1. The ideal pairing of students for maximum shared time across the groups, in the form of:
     1. Students’ names

*Met – see Criterion D*

* + 1. Students’ IDs

*Met – see Criterion D*

1. The program will also be usable to Mrs. Shaw and able to run on an Apple MAC and Windows PC

Met (mentioned in the test Plan) - through the use of the shell command the program can be run on Mac X OS (Mrs Shaw’s OS)

The program fills all the success criteria and therefore has been a successful enterprise. One issue is that it sorts them into pairs based on the best pair then the next best pair, instead of the best groupings for everyone. The client responded positively (see Appendix).

**Recommendations for Future Development**

1. Different sizes of groups to choose from. Although the current algorithm may not be the most efficient way to structure variable group sizes it would be useful for the parts of film that are not pair work.
2. A field for “room” which also assigns each student a room to work in. This would be complex as it would require validation and for a new timetable to be included with when the rooms are free, and making it so the used wouldn’t have to manually enter it would involve interacting with the school SIMS program.
3. The program could also be rewritten in JavaScript which would allow for a more user-friendly layout, for example with pictures. This would make it significantly easier to use.