

## Criterion E: Evaluation

### Evaluation of the product

The product runs pretty smooth, except for when id numbers are supposed to be accepted by selecting from the stock list. The client was advised to not use this feature at all, until it was fixed at later versions. As for the buffer error, it depended on individual machines, but the rate of usual transactions was small enough for the buffer to handle, so it isn't expected to be a lasting problem. The detailed outline of the success criteria that were met and the ones that weren't are given in Appendix – 3.

Word count : 92

### Recommendations for Future Improvements

The program falls short on a lot of aspects. Firstly, there is no way to generate a bill, and hence the user has to enter the same inputs to a billing device to generate the bills. Therefore, for future improvements, adding the print facility would be an excellent idea.

Secondly, the user has to input the details of the designer every time there is a design transaction, and this easily grows tedious. An autocomplete feature that remembers previously entered data in these fields and auto fills them would be a large improvement.

Thirdly, if the user enters a wrong input in any of the fields, the program stops functioning normally. Hence, a method of data validation is required.

Fourthly, the client noted that the 'price calculator and sell items' feature wasn't very efficient. If a buyer buys a lot of material, quite an amount of time is required to update all the entries. Therefore, multiple inputs of id numbers and addition of the same profit and discount amounts to multiple sarees would have been better. So, for future endeavours, this is definitely an interesting concept to explore.

But most importantly, any future endeavour should fix the two bugs in the code – the stockselection problem and the buffer allocation problem.

Word count: 209