

## 11 Evaluation.

### *Logo:*

The logo takes the form as a screen display and imported into other systems, but for the testing purposes, I printed out the different sized logos as a hardcopy. The testing was done, by asking four reviewers to give their comments. The design was done using CorelDraw and CorelPhoto-Paint.

The following table evaluates how each of the performance criteria was achieved and if any improvements can be made. The last two rows of the table give the summary of the task and improvements that can be achieved to make the system better.

<b>System:-</b>	<b>Logo</b>
<i>Criteria</i>	<i>Evidence and comment.</i>
Contains the name of the shop.	The shop's name is "Pop In Discount Store". The Logo contains this name, with "Pop In" in large print surrounded by some graphics of two arcs. The type of shop "Discount Store" is presented in smaller font size, half way under "Pop In". This met the criteria for the Logo.
Have an immediate impact on the viewer and looks professional.	The reviewers said it looked very professional. It gives a good impression of the shop, as required by the performance criteria. The two arcs, give a 3-dimentional effect.
Good to look at/attractive	The logo is pleasant to look at. It is not very complex, but attractive. My reviewers said that it was simple and effective. There was one comment that suggested that the edges of the text looked blurred. However, this can be improved by making some dark edges to the text.
Distinctive/unique	The design is unique. The main point that was distinctive was the two arcs that were used to give some character to the logo. The Coral Draw was very effective in making this graphics.
Creates a positive image	The comments received on the logo were very positive and it gives the shop a modern image.
Represents the shop as much as possible	The fact that the shop is a discount store, and to use these words in the logo represents the type of the shop.
Straightforward, and not too complicated looking	The logo is simple, but effective to give the shop an identity. The use of simple text and graphics looks professional.
Clear	The spacing between characters is just right and it is clear and not too congested. It is clear in its purpose, as required by the criteria.
Easy to remember/memorable	The logo's uniqueness means it is easy to remember and relate it to the shop. This is the main purpose of a logo, and this I consider is achieved by the simplicity of the design.
Copies well without loss	The logo was copied onto other systems using a variety of

of any quality – resizable	software, such as Microsoft Access (Stock control), Microsoft Word (Purchase Order), Powerpoint (Screen advertisement). In each case, copies were made without losing quality. For each application, the logo had to be resized to fit, without losing the quality of the logo, except in one or two cases, where the logo was reduced to a size quite small, the quality was lost slightly. In this event, the words “Discount Store” became very blurred to a point that it was very difficult to read. This problem can be seen in the stock control system “frmReorder”.
In colour	The logo is in colour, using simple colours. The background is in white, while the words “Pop In” is in green with yellow border. The arcs are also mainly in green with a yellow border and the tips are completely in yellow. The words “Discount Store” are in plain black colour. Too much colour would look unprofessional and cheap.
Summary of the Logo	Overall, the logo is designed according to the performance criteria and looks very professional. It is in colour and it is simple enough to remember and show the identity of the shop. This is achieved by using the name of the shop. The requirement to be able to resize the logo was generally achieved, except in the case of very small size, as used in some of the calculation and stock control systems. This can be improved slightly, but there is always going to be a limit in how small you can make the logo with the same quality.
Improvements of the Logo	As described above, an improvement can be made in the clarity of the logo when it is reduced to a very small size, as an example on the calculation system “frmReorder”. I could have used a darker border to give some sharpness. Alternatively, I could have made the “Discount Store” slightly bigger to ensure that when the logo is reduced in size, this part of the logo does not lose its clarity.

***Stock control system:***

The Stock Control system is designed using a database and the output is in the form of screen display and hardcopy. The purchase order is printed as a hard copy. Hence, Microsoft Access was used to implement the stock control system to meet the user requirements.

The following table evaluates how each of the performance criteria was achieved and if any improvements can be made. The last two rows of the table give the summary of the task and improvements that can be achieved to make the system better.

<b>System:-</b>	<b>Database - Stock Control system</b>
<i>Criteria</i>	<i>Evidence and comment.</i>
Able to enter all the types of net curtains sold	The stock control system is able to enter and keep record of all types of net curtains sold by Mrs. Patel in her shop. This data is entered in the form “frmnetcurtainmake”. This accessed by selecting “Setup” from the switchboard and then “Edit netcurtain make”.
Able to enter the drop size of each type of net curtains sold	Using the same form “frmnetcurtainmake”, the drop sizes of each type of net curtain is selected from the drop down menu. If the drop size is not available in the drop down menu then new drop sizes can be added or edited using the form “frmDepths”.
Able to enter the unit price of each type of net curtain sold	Once again, using form “frmnetcurtainmake”, the unit price of each type of net curtain is selected from the drop down menu. If the unit price is not available in the drop down menu then new unit prices can be added or edited using the form “frmPrices”.
Able to enter the total quantity of each type of net curtain	Using the button labelled “Low Stock Status/Reorder” on the Switchboard, the user can check and enter the quantity of each type of net curtain in stock. This is done on “frmReorder”.
As net curtains are sold, the stock is deducted from the total stock	After using the calculation system, the user is presented with a form “frmDropselect”. On this form the user is given all the net curtains that are available in stock for the selected window size. There are “Buy” buttons against each net curtain type. When the user presses the “Buy” button against the selected net curtain, the amount of material bought is deducted from the total stock. This is displayed on the screen to the user. This performance criteria is achieved as requested by Mrs. Patel.
Has a threshold of one metre and hence raises a “not enough stock” warning	Based on the above calculation, the system will check to see if the total amount is less than or equal to the amount being bought. If it is, then a “Not enough stock” warning is displayed. This function was not required by the performance criteria, but I felt this is useful and an improvement to make the system more user-friendly. The criteria required a similar warning to be displayed, if the amount of the stock went below the threshold of one metre (100cm), but instead of this, I have designed the system to display all items which are less than or equal to the threshold in the form “frmReorder”.
Generates the warning message to order more	I have not implemented the requirement in the system to generate a warning message to order more, if the remaining stock is less than or equal to one metre. I thought that this requirement is not useful, as the system in the form

	<p>“frmReorder” contains all the net curtains that are below or equal to the threshold limit, hence what is the point of giving a warning, when the user already knows this. Mrs. Patel agreed with me.</p>
<p>Ability to add new net curtains with its details</p>	<p>It is possible to add a new net curtain design with all its details. This is done by first selecting the “Setup” button from the switchboard, and then selecting “Edit netcurtain make”. A new window will show with all the net curtains and its details. A new record is created for a new net curtain.</p>
<p>Ability to change the unit price of each type of net curtains</p>	<p>It is easy to change unit prices. This is done by first selecting the “Setup” button from the switchboard, and then selecting “Edit netcurtain make”. A new window will show with all the prices. A new price can be selected here to make the change. If the exact price is not available here, a new price can be added using the “Edit price” form.</p>
<p>On the Purchase Order Form, it contains the supplier’s address</p>	<p>The Purchase Order form is selected from the Switchboard. This is displayed on the screen as “rptReorder”. The supplier’s address is displayed on the top left hand corner of the purchase order. This met the performance criteria and Mrs. Patel’s expectations.</p>
<p>On the Purchase Order Form, it contains the supplier’s phone number</p>	<p>The supplier’s phone number is given just below the address on the top left corner of the Purchase Order. I think I could have made this more obvious by adding “Tel:” in front of the number.</p>
<p>On the Purchase Order Form, it contains the supplier’s fax number</p>	<p>The supplier’s fax number is not given on the Purchase Order because this was not available. However, I could have provided a space for this on the Purchase Order, and displayed this below the phone number., if another supplier has a fax number.</p>
<p>On the Purchase Order Form, it contains the sale representative’s name.</p>	<p>On the top of the Purchase Order, next to the supplier’s address, the name of the supplier’s representative is given, as required by the performance criteria.</p>
<p>Ability to add new suppliers and its details</p>	<p>The user can press from the Switchboard, the “Setup” button and then “Edit supplier’s details”. A form “frmSuppliers” is presented which can be used to add a new record with the new supplier’s details. This form can also be used to edit the existing supplier’s details as well.</p>
<p>On the Purchase Order Form, it contains the shop’s new logo</p>	<p>The Purchase Order form also contains at the top right hand corner, the shop’s new logo. This is as required by the performance criteria.</p>
<p>On the Purchase Order Form, it contains the shop’s name</p>	<p>Under the shop’s new logo, the shop’s name is presented on the Purchase Order form.</p>
<p>On the Purchase Order Form, it contains the shop’s address</p>	<p>The shop’s address is also presented under the shop’s name on the right hand corner of the Purchase Order form.</p>

On the Purchase Order Form, it contains the shop's phone number	The shop's phone number is given under the shop's address on the Purchase Order. I think I could have made this more obvious by adding "Tel:" in front of the number.
On the Purchase Order Form, it contains the purchase order number	There is no automatic purchase order number added to the form, but this can be added manually by the user.
On the Purchase Order Form, it contains the list of net curtains that need to be reordered.	The Purchase Order form, lists all the net curtains that need to be ordered.
On the Purchase Order Form, it contains the quantities of the net curtains that need to be reordered	Against each net curtain that need to be ordered, the quantity to be ordered is also listed together with the information on how much is currently left in stock. Although this information is not required by the criteria, I thought it would be useful for the supplier to know, so that they can understand the urgency of the order.
On the Purchase Order Form, the ability to print the purchase order form	The Purchase Order can be printed, by the user selecting from the tool bar, "File" and then "Print". I could have made this user-friendly, by providing a button instead.
Summary of the Stock Control system	Overall, the stock control system has been implemented to capture all the performance criteria set by Mrs Patel. There have been some changes made to improve the system. The user can enter all the types of net curtains sold at the shop, with all the details of drop size, unit price and the quantity of the each type. This can be edited if required. As the net curtains are sold, the amount sold is deducted from the total quantity, and if the stock is not enough, a warning is given to the user. A purchase order form is raised for all net curtains, that are less in quantity than the threshold of 100cm. The system is easy to use and understand, making it user-friendly. However, some improvements can still be made as described below.
Improvements to the Stock Control system	Some improvements have already been implemented as explained above, however, more can be done. I could improve the purchase order form by providing a space for the fax number, as required, even if the supplier did not have a fax number. Similarly, instead of having the purchase order number added manually, I could improve the system by making this an automatically generated sequential number. Additionally, I could improve the system by providing a button to print the Purchase Order form, instead of the user requiring the use of the toolbar. As some of the reviewers commented, I could have made the shop's logo bigger on some forms so that it would be more clear. I could have provided exit buttons on the individual forms to make it more user-friendly for the user to return to the switchboard.

***General evaluation of whole system:***

Overall, all the systems have been designed to achieve the expectations of Mrs. Patel and where improvements can be made, these have been identified. The systems are linked as originally designed, especially the calculator and stock control systems. Even the screen advertisement, the website and database are linked with each containing the shop's new logo.