






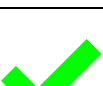



Criterion E: Evaluation

Test Criterion	Client Feedback (Evidence in Appendix A)	Criterion Met
The program should allow the user to log in and out of the GUI program.	"I'm able to log in and out of my account. Nice."	
The program should be able to retain all data when the user logs in and out.	"My collection was saved. Does it save automatically?"	
The program should allow users to create new accounts.	"I was able to create an account."	
The program should be able to store information from different users in the correct account.	"So it saved the information to the correct account."	
The program should allow the user to add entries.	"I now have a set in my collection. That's pretty neat."	
The program should allow the user to delete entries.	"Looks like that set's no longer in my collection."	
The program should allow the user to edit entries.	"Oh, the changes saved."	
The program should have search bar functionality that connects to the catalogue.	"Oh, that's cool. It would still be easier to sort by theme category, though."	

The program should allow the user to sort the information in their collection by the column headers of the collection table.	"It's very convenient, but I'd still like the ability to sort by the theme categories."	
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Recommendations for Further Development

Future Improvements

Ideas for future improvements are derived from client feedback and personal reflection (see Appendix A).

More Set Columns

The client initially requested the ability to input each set's theme category and current market price. Due to time constraints, they were not implemented.

For LEGO sets, there are various theme categories that each set falls under. For instance, any Star Wars sets would fall under the Star Wars theme category. These categories do not necessarily match the set name.

The client suggested implementing this to make filtering through the catalogue of LEGO sets and the user's personal collection easier, rather than only being able to filter via keywords entered based on the set names.

As for the ability to add the market price, it would require the ability to connect to the Internet and update at the user's behest.

This information would appear under new columns assigned to them on the collection table.

Insertion of Photos

The client initially requested the ability to add or display images of sets, but this was not implemented due to time constraints.

If this was implemented, it would make it easier for the user to identify if the set they are looking at is the one that they have in their collection.

Though complex, the process could be done through adding an option to upload photos. On the database side of things, a BLOB column (which is used for information that takes up a lot of data, like images) could be added to the Collection table in the database file.

Automatically Updating LEGO Set Information

As it is now, the current LEGO set catalogue is not the most recent version, meaning that the user might not be able to add recently released sets. In the future, it would be ideal for the user to be able to update the LEGO set catalogue with the press of a button.

With this automatic update function, the user should also be able to update the market price for any sets they have.

This function would necessitate the ability to connect to the Internet and download a new updated set catalogue.

Word Count: 341