EVALUATION OF THE SYSTEM

Criteria for Success	Y/N	Evaluation	User Comments **see transcript in Appendix
The program has a simple functioning GUI that works properly	Y	All the buttons are functioning properly and can perform their functions as planned.	"A little bit empty but it's okay if it all works."
Successfully reads CSV data files into the program	Y	The logWindow successfully accepts csv files and reads them into the program, as well as displaying the path of the file when it is selected	"Would be a little better if the data logging page was more intuitive, but is okay as is"
Generates appropriate data table to view the dataset uploaded	Y	The dataWindow uses the uploaded data from the logWindow and visualises the data appropriately	"Yes, very good. Maybe an extension could be searching and filters"
Generates appropriate graph for data visualisation of the data given	Y	*see above	"Maybe if I can change the settings a little it would be better"
A functional predictive algorithm that can successfully predict sales	Y	The algorithm appropriately forecasts sales using previous data.	-
Generates an appropriate table that displays sales prediction against months	Y	The predictWindow displays the predicted values against time in a table.	-
Generates a graph for sales prediction that displays the prediction appropriately	Y	The predictWindow displays the predicted values against time in a readable graph.	"Very good, exactly what I was looking for"

The program fulfills all of Vee's criterias in which it can successfully visualise data and generate appropriate predictions of sales. However, the GUI's design is extremely simplistic and limited in terms of its usability meaning that the user does not have as many options in terms of what the program can actually do (see possible extensions). Furthermore, the program itself is extremely different from the original design created in criterion B, as instead of being able to collect databases and the user having the option of selecting a database, the program requires the user to manually select the datasets each time and if they want to change datasets, they have to manually log it through the logWindow.

POSSIBLE EXTENSIONS FOR PROGRAM

A major design flaw this program contains is only being able to accept CSV Files, therefore making the data input more inconvenient for the client as they may have to do manual conversions. Another suggestion that Vee had mentioned was the ability to save the graphs and tables into an excel file, which would make it easier for the file to be accessed.

More extensions that could be included to increase the program's usability is to incorporate more room for customisation on the user's end. For example, the predictive algorithm could have an option for the user to modify the specific elements that the user wants to be predicted. This would mean creating a separate class for the data separation and implementing a search algorithm. Adding this feature would allow for Vee to make more precise budget predictions with more specifications included in the data.

Word Count: 399