

Evaluation of Success

Success Criteria	Accomplished/met or Not and why																																																																
A database that is able to keep track of all shoes	<p>Accomplished for the transactions. Although there are certain errors to moving from the inventory to transactions since the program is directly working with the hard drive and not an array working with the RAM.</p> <table><tr><th>Shoe Name</th><th>Brand</th><th>Size</th><th>Collaboration</th><th>Gender</th><th>Date Bought</th></tr><tr><td>UltraBoost</td><td>Adidas</td><td>7</td><td>UltraBoost</td><td>Mens</td><td>4/4/2021</td></tr><tr><td>Jordan</td><td>Nike</td><td>10.5</td><td>Jordan</td><td>Mens</td><td>4/4/2021</td></tr><tr><td>Yeezy</td><td>Adidas</td><td>8.5</td><td>Yeezy</td><td>Mens</td><td>4/4/2021</td></tr></table>	Shoe Name	Brand	Size	Collaboration	Gender	Date Bought	UltraBoost	Adidas	7	UltraBoost	Mens	4/4/2021	Jordan	Nike	10.5	Jordan	Mens	4/4/2021	Yeezy	Adidas	8.5	Yeezy	Mens	4/4/2021																																								
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Sorting and Searching through Inventory	<p>Met, the client is able to sort and search through all the bought shoes in the inventory.</p> <div><table><tr><th>Shoe Name</th><th>Brand</th><th>Size</th><th>Collaboration</th><th>Gender</th><th>Date Bought</th></tr><tr><td>Jordan</td><td>Nike</td><td>10.5</td><td>Jordan</td><td>Mens</td><td>4/4/2021</td></tr><tr><td>UltraBoost</td><td>Adidas</td><td>7</td><td>UltraBoost</td><td>Mens</td><td>4/4/2021</td></tr><tr><td>Yeezy</td><td>Adidas</td><td>8.5</td><td>Yeezy</td><td>Mens</td><td>4/4/2021</td></tr></table><div>Sort By: <div>Name</div><div>Refresh</div></div><table><tr><th>Shoe Name</th><th>Brand</th><th>Size</th><th>Collaboration</th><th>Gender</th><th>Date Bought</th></tr><tr><td>Yeezy</td><td>Adidas</td><td>8.5</td><td>Yeezy</td><td>Mens</td><td>4/4/2021</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table><div>Sort By: <div>Size</div><div>Refresh</div></div><div>Search By: <div>Name</div><div>Yeezy</div><div>Search</div></div></div>	Shoe Name	Brand	Size	Collaboration	Gender	Date Bought	Jordan	Nike	10.5	Jordan	Mens	4/4/2021	UltraBoost	Adidas	7	UltraBoost	Mens	4/4/2021	Yeezy	Adidas	8.5	Yeezy	Mens	4/4/2021	Shoe Name	Brand	Size	Collaboration	Gender	Date Bought	Yeezy	Adidas	8.5	Yeezy	Mens	4/4/2021																												
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Sorting and Searching through Transactions	<p>Accomplished, but with errors. The prices alter due to an error when sorting, and while searching brands. Otherwise, after exiting the application and starting it again, the transitions would appear as they are meant to.</p>																																																																
Calculate Profit and Loss	<p>Accomplished. All the profits and losses are represented as they are meant to. Although, for future expandability, a color scheme would be more visually appealing.</p> <table><tr><th>Shoe Name</th><th>Brand</th><th>Size</th><th>Collaborati...</th><th>Gender</th><th>Date Bought</th><th>Date Sold</th><th>Profit/Loss</th></tr><tr><td>Jordan</td><td>Nike</td><td>12.5</td><td>Jordan</td><td>Mens</td><td>6/12/2021</td><td>7/12/2021</td><td>250</td></tr><tr><td>UltraBoost</td><td>Adidas</td><td>12</td><td>UltraBoost</td><td>Mens</td><td>5/4/2021</td><td>6/4/2021</td><td>-50</td></tr><tr><td>Jordan</td><td>Nike</td><td>12.5</td><td>Jordan</td><td>Mens</td><td>6/4/2021</td><td>7/4/2021</td><td>200</td></tr><tr><td>Yeezy</td><td>Adidas</td><td>13</td><td>Yeezy</td><td>Mens</td><td>4/4/2021</td><td>5/4/2021</td><td>275</td></tr><tr><td>Jordan</td><td>Nike</td><td>9.5</td><td>Jordan</td><td>Mens</td><td>3/4/2021</td><td>4/4/2021</td><td>150</td></tr><tr><td>Jordan</td><td>Nike</td><td>8.5</td><td>Jordan</td><td>Mens</td><td>1/4/2021</td><td>2/4/2021</td><td>150</td></tr><tr><td>Jordan</td><td>Nike</td><td>12.5</td><td>Jordan</td><td>Mens</td><td>2/4/2021</td><td>3/4/2021</td><td>100</td></tr></table>	Shoe Name	Brand	Size	Collaborati...	Gender	Date Bought	Date Sold	Profit/Loss	Jordan	Nike	12.5	Jordan	Mens	6/12/2021	7/12/2021	250	UltraBoost	Adidas	12	UltraBoost	Mens	5/4/2021	6/4/2021	-50	Jordan	Nike	12.5	Jordan	Mens	6/4/2021	7/4/2021	200	Yeezy	Adidas	13	Yeezy	Mens	4/4/2021	5/4/2021	275	Jordan	Nike	9.5	Jordan	Mens	3/4/2021	4/4/2021	150	Jordan	Nike	8.5	Jordan	Mens	1/4/2021	2/4/2021	150	Jordan	Nike	12.5	Jordan	Mens	2/4/2021	3/4/2021	100
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Present data in a visually appealing format	<p>Not accomplished, due to the fact that it is still a table that displays when a loss is incurred, but the profits and losses are not color-coded. Additionally, it is still a table and not really graphs.</p>																																																																

Further improvements beyond the success criteria:

- The process of selling was made easier and more efficient, by incorporating the selling on the Inventory page.
- The use of File Manager allowed the user to save the data to the user's computer, eliminating the need for constantly having the application open.

Recommendations for Further Development and Extensibility

Minor Improvements

Recommendation for Improvement	Benefits	Why/How Realistic it is
“input shoes that I may buy in bulk” ¹	Really beneficial for professionals in this field that conduct business seriously.	Quite possible to just keep adding the shoe as many times as it has been bought, even if the user inputs it once.
“add the shoe size of any size scale” ²	Benefit international resellers, and in reselling foreign shoes.	Extremely possible, requires a combo box and conversion in saving.
“confirmation pop up like you had for my errors” when selling. ³	Ensures the accuracy of the data inputter.	Very realistic and easy to accomplish, simple a JOptionPane with data inputted/taken.

Major Improvements

¹ Kazi ayman Masud, Interview by author, Bangkok, April 3, 2021, transcript answer # 3, Appendix A

² Kazi ayman Masud, Interview by author, Bangkok, April 3, 2021, transcript answer # 3, Appendix A

³ Kazi ayman Masud, Interview by author, Bangkok, April 3, 2021, transcript answer # 4, Appendix A

Recommendation for Improvement	Benefits (Why it would be a good idea)	Why/How Realistic it is
“add some pie charts” ⁴ and “additional visual features” ⁵	Enhance the user experience, and allows for ease in interpretation of data for speculation.	Difficult to an extent with the changing variables for the JGraph, although can be accomplished over time.
“released online for other avid shoe resellers to use this program” ⁶	Benefitting other people facing difficulties with keeping track a simpler yet effective alternative.	With the aid of the Java Virtual Machine, the program may function on any operating system, although there may be errors saving the files, hence increasing the difficulty.
Check “the selling price be at that time” on the internet, to evaluate “a better bargain” ⁷	Ensures the program aids the user to take most profitable decisions alongside the benefits of the database. Further aids the user speculation.	Getting real time data from companies like StockX would be quite difficult due to the saving and obtaining that data, hence making it potentially the most difficult improvement.

Criterion E Word Count: 533

Total Word Count (Criterion A + B + C + E): 1995

⁴ Kazi ayman Masud, Interview by author, Bangkok, April 3, 2021, transcript answer # 4, Appendix A

⁵ Kazi ayman Masud, Interview by author, Bangkok, April 3, 2021, transcript answer # 5, Appendix A

⁶ Kazi ayman Masud, Interview by author, Bangkok, April 3, 2021, transcript answer # 6, Appendix A

⁷ Kazi ayman Masud, Interview by author, Bangkok, April 3, 2021, transcript answer # 6, Appendix A