CPSC 304 Project Cover Page

Milestone #: 4

Date: 25 October 2024

Group Number:____26____.

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Kelvin Hang How Mah	57129686	r5i5o	kelvinmah02@gmail.com
Rioto Oka	54645734	q8b5g	okarioto@gmail.com
Aadesh Mehra	39288733	a5f9m	aadeshm03@gmail.com

By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

1. Determine what features the UI will contain (what buttons, what the user can enter) - *Completed as a Group*

Queries
Insertion

    Relation: *Items_Sells* and *ForSaleItems_ListedAt_Wins* or *InventoryItems_StoredAt*

    Input format:

- pick ForSaleItem or InventoryItem with **button**
- Enter all other attributes via **text box** for corresponding table
- **Button** to submit

Update

    Relation: *AuctionSession_Operates*

    Input format:

- (Display all tuples in a **table)** ??
- Enter PK via **text box** to chose tuple
- **Check box** beside **text box** to select what attributes they want to update and to enter new updated values
- **Button** to submit

Deletion

    Relation: *Items_Sells*

    Input format:

- Specify item via PK entered in **text box**
- **Button** to submit delete

delete corresponding item in *ForSaleItems_ListedAt_Wins* or *InventoryItems_StoredAt*

Selection

    Relation: *ForSaleItems_ListedAt_Wins*

    Input format:

- Select if item has been sold or not with **button**
- Select on minimum/maximum start price with input from **text box**
- Select on condition with input from **dropdown**
- Allow combination of all three selections with AND/OR **dropdown**
- **Button** to submit select

Projection

    Relation: *Auctioneer*

Input Format:

- **Checkbox** to select which attributes to display
- **Button** to submit projection

Join

Relations: *Appraiser* and *Appraises*

Input Format:

- **Textbox** to enter appraiserID
- **Button** to submit join
- **Table** to display all itemIDs appraised by given appraiserID

Aggregation with HAVING

Relations:

Input Format:

find max bid?

Aggregation with GROUP BY

Relations:

Input Format:

Nested Aggregation with GROUP BY

Relations:

Input Format:

Division

Relation: *Attend* and *AuctionSession_Operates*

Input Format:

- **Button** to submit query

find PK of customer that has attended every single Auction Session