

Steamed Potatoes Backlog

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Work to be Done

Transfer the data on the given excel spreadsheet to the DB Browser database.	Finished
Create a function that loads the college campus names only from the database.	Finished
Create a function that loads the remaining college campus names from the database.	Finished
Create a function that loads the college campus distances from the database.	Finished
Create a function that loads the college campus souvenirs from the database.	Finished
Create a function to alter the souvenir database. Add an extra column to accommodate for the quantity of souvenirs.	Finished
Create a function that deletes the cart table in the database once the student is finished with their trip.	Finished
Create a function that updates the souvenirs cart's quantity in the database.	Finished
Create a function that loads the souvenir cart from the database.	Finished
Create a function that gets the total cost from the souvenir database.	Finished
Create a function that gets the starting distance and ending distance from the database.	Finished
Create a function that allows the program to check the campus name in the database.	Finished

Create a function that accounts for the total campus count in the database.	Finished
Create a recursive function that finds the most optimal college touring trip plan. Develop this function off of queues. Lastly, calculate the total distance of this trip.	Finished
Create a function that adds to the souvenir cart. Develop this function off of stacks. Lastly, calculate the total cost for the souvenirs.	Finished
Depending on the trip, place the most logical campus names in a vector.	Finished
In QT, develop a login page so the administrator and student could access their desired pages.	Finished
In QT, develop a QT push button that allows the student to get access to the student page. Connect the necessary widgets in the stacked widget.	Finished
In the student page, create a QT push button that allows the student to access the database view page. Connect the necessary widgets in the stacked widget.	Finished
In the student database page, connect a QT Table Widget to the DB Browser database under the table named "Distances". After this, develop a QT push button to allow the user to see the Distances information.	Finished
In the student database page, connect a QT Table Widget to the DB Browser database under the table named "Souvenirs". After this, develop a QT push button to allow the user to see the Souvenirs information.	Finished
In the student database page, connect a QT combo box to the DB Browser database under the table named "Distances" and column named "distStart". This will allow the student to select the desired campus names to fully	Finished

utilize the Distances and Souvenirs buttons.	
In the stacked widget, create a default page for all college touring buttons. This page in particular will have the student choose their starting campus.	Finished
In the default starting campus page, connect a QT listview to the database under the table named "Distances" and a column named "distStart". This will allow the student to see the list of campuses.	Finished
In the default starting campus page, connect a QT combo box to the database under the table named "Distances" and a column named "distStart". This will allow the student to select a campus.	Finished
In the default starting campus page, create a QT push button to allow the student to confirm their starting campus. This will also have the student either continue to the souvenir cart page or selecting more campuses page. Connect the necessary widgets in the stacked widget.	Finished
In the stacked widget, create a college tour page to allow the student to select which campuses they would like to visit.	Finished
In the college tour page, create two QT listview, one for available campuses and one for selected campuses. Connect the available campuses listview to the database under the name "Distances" and a column named "distStart".	Finished
In the college tour page, create a QT combo box and connect it to the database under the name "Distances" and a column named "distStart". This will allow the student to select a campus they want to visit.	Finished
In the college tour page, create a QT push button that allows the student to select the campus they want and will be transferred to	Finished

the selected campus list view.	
In the stacked widget, create a souvenir cart page to allow the student to select their desired souvenirs.	Finished
In the souvenir cart page, create two QT table view, one to display the campuses' souvenirs and the other to display what souvenirs the student chose.	Finished
In the souvenir cart page, create a QT combo box and connect it to the database under the name "Distances" and a column named "distStart".	Finished
In the souvenir cart page, create a QT combo box and connect it to the database under the name "Souvenirs" and a column named "souvTrad".	Finished
In the souvenir cart page, create a QT spin box to allow the student to select the quantity of the item	Finished
In the souvenir cart page, create a label that updates based on the total souvenirs the student decided to buy.	Finished
In the souvenir cart page, create two QT push buttons. The first QT push button will allow the student to add their selected souvenirs to the cart. The second QT push button will change the widget to the receipt page.	Finished
In the stacked widget, create a receipt page. This will allow the student to see their total travel, most efficient travel and the souvenirs they spend.	Finished
In the receipt page, create three QT listview. The first listview will showcase the most efficient travel based on the campuses the student selected. The second listview will showcase items the student has selected. The third listview will showcase the quantity of the souvenirs the student has selected.	Finished

In the receipt page, create a QT label that showcases the total distance traveled based on the campuses the student selected.	Finished
In the receipt page, create a QT label that showcases the total amount the student spent on souvenirs.	Finished
In the receipt page, create a QT push button that allows the student to finally conclude their trip. Connect the widget to the student home page.	Finished
In the student page, create a QT push button for the UCI tour. Connect the widget to the Souvenir cart page.	Finished
For the UCI tour, connect the souvenir checkout pushbutton to the receipt page.	Finished
In the student page, create a QT push button for the ASU tour. Connect the widget to the ASU college tour page.	Finished
In the stacked widget, create a ASU college tour page. Create a QT combobox that allows the student to choose the number of campuses he/she wishes to visit. Create a QT push button that allows the student to continue touring. Connect the widget to the college touring page.	Finished
For the ASU tour, cap the number of colleges the student is allowed to visit based on the information from the ASU college tour page. Connect the done pushbutton to the souvenir page.	Finished
For the ASU tour, connect the checkout pushbutton to the receipt page.	Finished
In the stacked widget, create a QT pushbutton for a custom trip. Connect this widget to the college tour page.	Finished
For the custom trip, connect the done button on the college tour page to the souvenir page.	Finished

For the custom trip, connect the checkout pushbutton on the Souvenir page to the receipt page.	Finished
Create a new UI and stacked widget for the administrator.	Finished
In the admin page, create QT pushbuttons for adding new distances from a file, adding new souvenirs from a file, adding new souvenirs, deleting souvenirs and changing the price for souvenirs.	Finished
For both of the pushbuttons for adding new distances and souvenirs from an input file, have the user choose a file to read off of.	Finished
For the adding new souvenirs pushbutton, create a new page in the stacked widget. In the add new souvenirs page, create a combo box that is connected to the database under the table "Distances". This will allow the user to select which campus he/she wants to add a souvenir to. Create two QT line edits for the souvenir name and price. Create a QT push button to finally add the elements to the database.	Finished
For deleting souvenirs pushbutton, create a new page in the stacked widget. In the delete souvenirs page, create a combo box that is connected to the database under the table "Distances". This will allow the user to select which campus he/she wants to delete a souvenir from. Create a QT line edit for the souvenir name.	Finished
For the change the souvenir price button, create a new page in the stacked widget. In the change the souvenir price button, create a combo box that is connected to the database under the table "Distances". This will allow the user to select which campus he/she wants to change the price. Create two line edits for the souvenir name and price.	Finished
In the student page, create a QT pushbutton	Finished

for the Saddleback tour. Connect the widget to the souvenir page.	
In the Saddleback tour, connect the checkout pushbutton in the souvenir page to the receipt page.	Finished