



Engineering and Information Technology Faculty

Computer Science Department

Comp231-Advanced Programming

Final Project- Phase II

(Be Ready for the second phase- It depends on the first phase, so you have to submit the first on time)

Deadline: Monday 10/1/2022 before midnight.

Objectives:

(Chapter 14 – Chapter 16)

This project goal is to develop a GUI for rental media system

Your Project should include Layouts {GridPane StackPane VBox HBox BorderPane } Controls {button labels text filed text area combobox check box radio button } events images

Updates

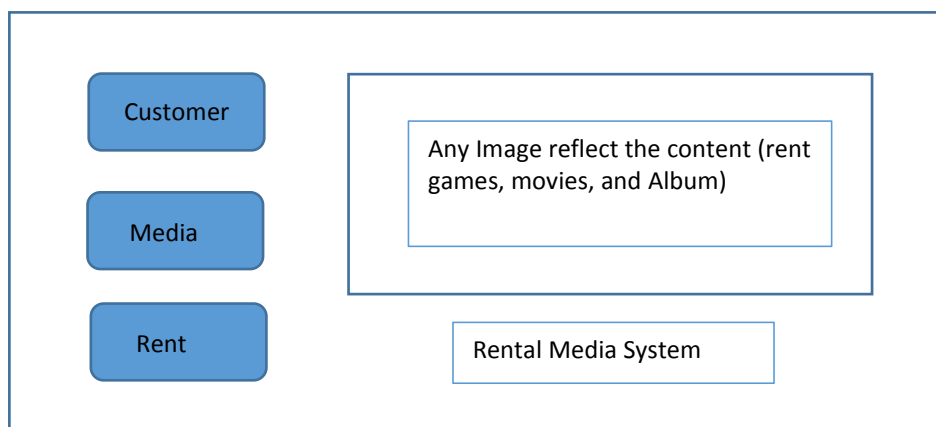
Customer class should have new attributes *id as string* *mobile number as string* id is unique

Media Class should have code as string

Your Main Interface of this project should contains the following menu

The property of this page size is Maximized `primaryStage.setMaximized(true);`

Button should contains a picture as an icon Hint use [www icons com](http://www.icons.com) and search for customer icons etc



When click at one of them it should transfer the user to new window that have more information about it

Customer Window page should have



Add new Customer
Delete Customer
Update Information about Customer
Search a Customer by id
Return to main page

Add new Customer
Delete Customer
Update Information about Customer
Search a Customer by id
Return to main page




Add them here with with buttons only
no need icons or images

When click on any option of above menu [1-5] then a new is opened for user that allow him to submit the needed information about customer

Add new Customer Every textfield should be **inactive** till the user submitted the previous required filed

Customer ID:	<input type="text" value="901211212"/>
Customer Name:	<input type="text"/>
Customer Address:	<input type="text"/>
Customer Mobile:	<input type="text"/>
Add	
Back	

Delete a Customer Find the customer information by enter the id and press delete button to remove this customer

Customer ID:	<input type="text" value="901211212"/>
Customer Name:	<input type="text"/>
Customer Address:	<input type="text"/>
Customer Mobile:	<input type="text"/>
Find	
Add	
Back	

For others update and search you have to do the same as the above sample GUI

Media Window page should have

Add new Media
Delete Media
Update Information about Media
Search a Media by code
Print All Media information
Return to main page

When click on any option of above menu [1-5] then a new is opened for user that allow him to submit the needed information about media

For All steps [1-6] do same as the above When rental manager add a media he can select a media type from combo box game movie or album Search should display all information about searched media or an error message For step Print All Media information at Text Area

Rental Window page should have Store information about customer and their rented media

Rent form

Customer ID:	<input type="text" value="901211212"/>
<div>Display Needed Information about customer....</div>	
Media Code:	<input type="text" value="AB005"/>
<div>Display Needed Information about Media....</div>	
Rented Date:	<input type="text" value="Read current date of system"/>
<div><input type="button" value="Add To cart"/> <input type="button" value="Process Cart"/> <input type="button" value="Back"/></div>	

Print the requested interested media in the cart by give the id of customer

Print the rented media in the cart by give the id of customer

Return Rented media by give the id of customer and then return the media

Return to main page

For All steps [2-5] do same as Do the appropriate print them in Text Area

Feel free to design an interface from your side view but be careful and apply it as it required