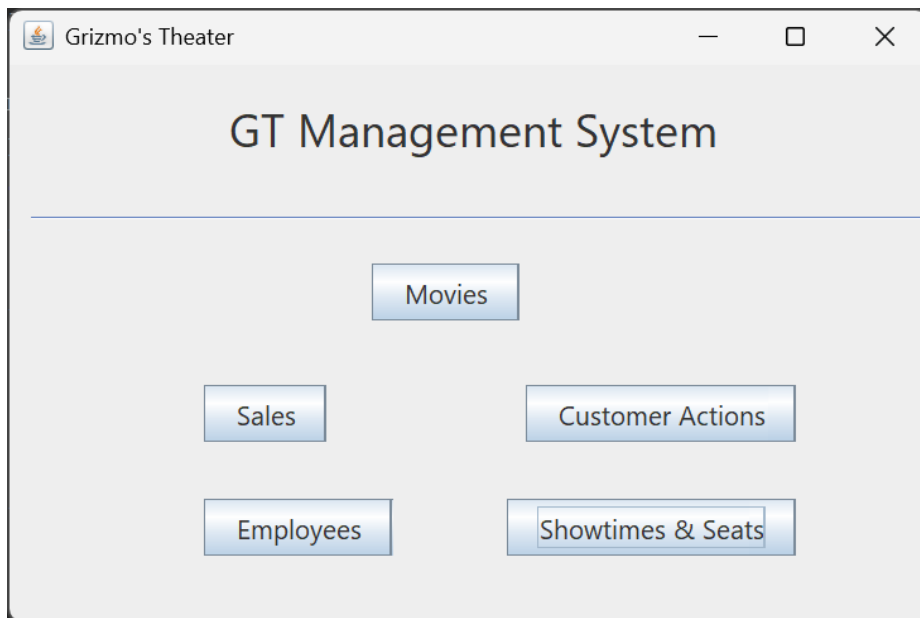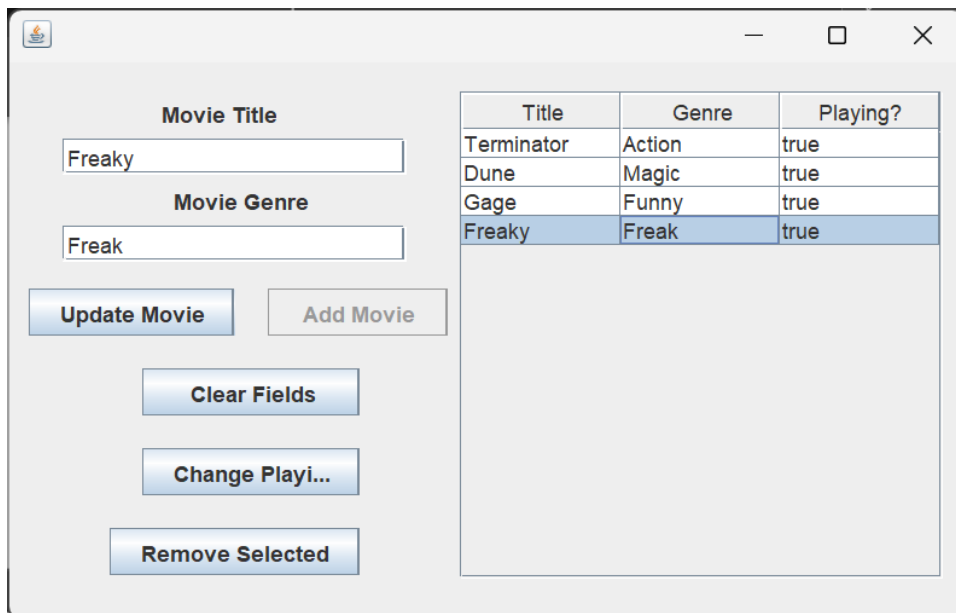Upon launching the program, you will be presented with the Main Window:

** NOTE: MOVIES MUST BE CLICKED BEFORE MOVIE DATA IS READ FROM FILE **

This means a customer cannot purchase a ticket until the Movies button has been clicked and at least one valid movie is playing. It is recommended that the Movies button be pressed first upon running the program.

Movie Window

The Movie Window allows for viewing and modification of Movies that can be playing at the theater. Existing movies are displayed in the table according to their title, genre and playing status.
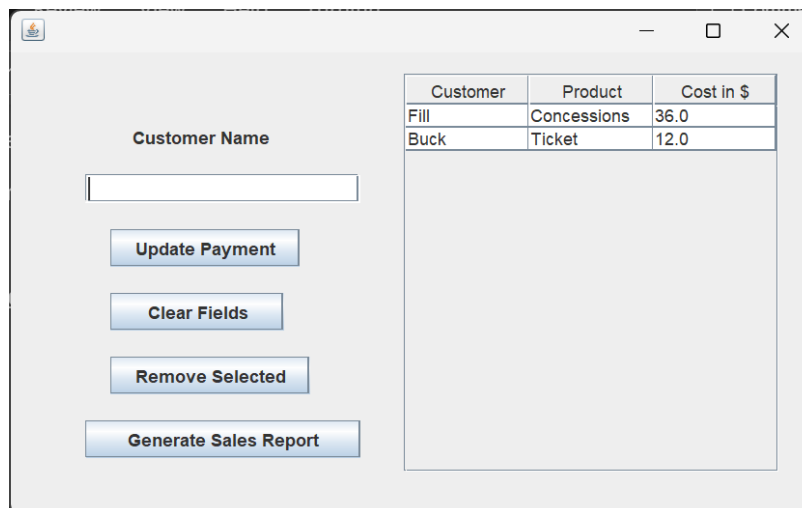
Each of these attributes can be modified for an existing movie by clicking on its row in the table. Once an existing movie is selected, the text fields are populated appropriately. These fields can be edited, with changes being saved using the Update Movie button.

To add an entirely new movie, click the Clear Fields button (Update Movie should now be inaccessible) then type the new movie's name and genre into the appropriate fields and click the Add Movie button.

The Change Playing button will alter the playing status of a selected movie – tickets can only be purchased for movies that are playing.

Removed Selected will remove the selected movie from the theater.

Sales Window

In this window, previous sales are displayed. Clicking on a sale item in the table will populate the customer name text field with the customer's name – this can be edited and changes saved by clicking Update Payment.

Clear Fields will remove the customer's name and disable the Update Payment button.

Remove Selected will delete the selected sales item.

Generate Sales Report will open a new window displaying an aggregated sales report with totals.

Employees Window

This window shows current staff in its upper-right table. Selecting a row from this table will populate the Name and Age fields under Employee Info. If these fields are altered, changes can be saved by clicking Update.
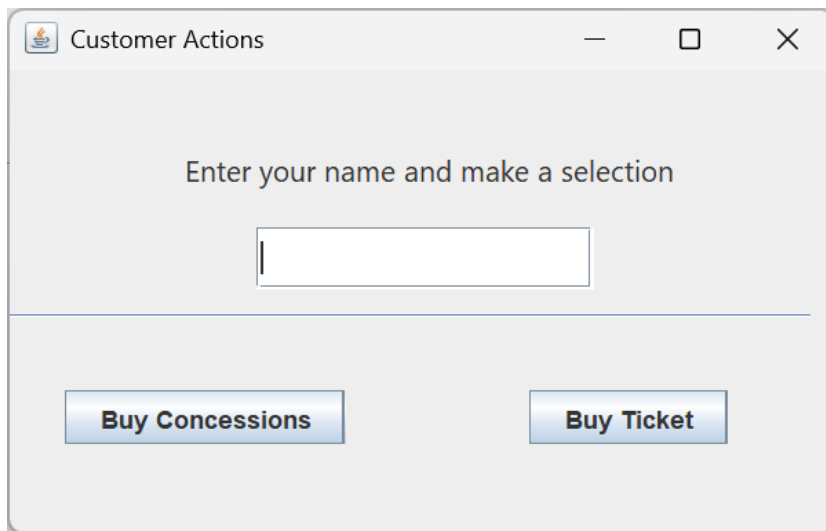
Shifts are optional for employees. Employees can be assigned shifts when they are hired, or their assigned shift can be changed later by using the radio buttons under Current Shift after selecting an employee.

Show Assigned Shifts will present a report displaying which (if any) employees are assigned to the Morning, Day or Swing shift.

Search by Age will open a new window where an age can be chosen and confirmed, another window will then display all employees of the chosen age.

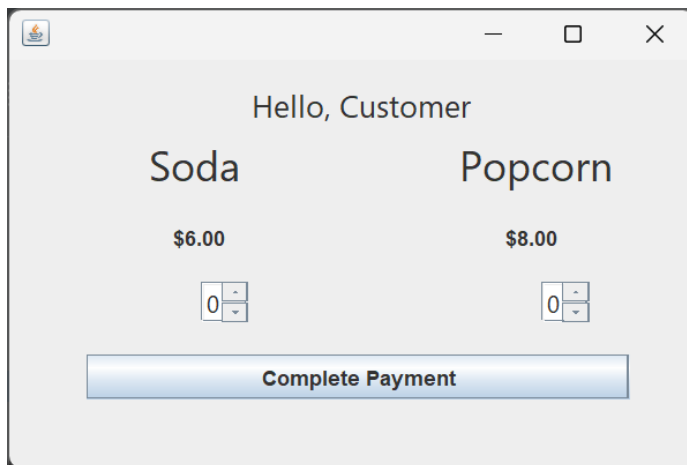New employees can be added by clicking 'Add New Employee' and following the prompts.

Customer Actions

This window presents options for customers – after enter their name customers can:

Buy Concessions:

Spinners allow for the selection of concession items, once a purchase is made it is recorded to Sales.

Buy Ticket:

Available movies will populate the first drop-down box (initially no movie is selected). A movie must be playing to appear here. Then a showtime and seat can be selected – if the showtime and seat are available, a ticket is purchased and a sale is recorded. Otherwise, an invalid ticket message is presented and another showtime/seat selection must be made. Invalid tickets are the result of a seat being taken by someone else, or the desired showtime being unavailable.

Showtimes & Seats

Here is where seating charts can be viewed for a chosen showtime, and/or showtimes can be removed or made available. If a showtime is removed, all seats associated with that

particular show are removed – once a showtime is made available, all seats will be unoccupied.