Hi Leif,

Besides what we have to turn in this week, which is an outlining of the steps of this SDLC project,

is to start designing, documenting, and testing some functions:

* An int function that returns an integer value with the amount of available seats in the auditorium. We don't have to do any displaying, just a function that loops through the ten char arrays one by one and have an accumulator variable that you can name at will. We can have ten char arrays row1[] , row2[],... row10, or different names is up to you. These array will store one of the two possible values  an '\*' or a '#'. Remember the first element index for the array is 0 through 9. Starts the int accumulator variable in 0 and go incrementing its value per each available seat '\*' that we find. Hint, there is a C++ built-in function strstr with the syntax strstr(string1, string2) that looks for string2 that can be ‘\*’ in string1 that can be row1[] or row2[]. I believe just the name with no brackets.
* An int function that returns the number of available seats per row. Same idea for counting available seats or using a for loop, while loop, or do … while loop. These functions can use an argument char[]. So syntax int countAvailSeats( char[] row) for example.
* A void function for displaying all the rows contents on screen with the taken and available seats from the arrays row1, row 2, … row10. Remember there is a function say(x,y,message) that display in x (column), y(line) the message what can be ‘\*’ for available or ‘#’ for taken seat.
* A void function that displays the screen menu of program tasks.
* An int function that returns the user’s choice of task including choice 0 for exit the program. After this post I will post an example of a menu with choices.

There will be more functions. If you think of other functions we should include, please post them with the functionality and how it would work.

Tim will be working on the DFD’s. We still need to work on the inputs for choosing available seats for sell, and a function that checks if the seat is available.

We need to discuss what ticket prices we will have depending on the row, the closer to the stage is the row the more expensive it will be that row seat.

We can start working on each of these functions at the same time, make sure to post in what function you are working to avoid more than one team member working on the same function.