

A dark blue vertical bar on the left side of the page. A blue arrow points to the right from the bar, containing the date.

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HUCS CINEMA RESERVATION SYSTEM

Several thin, curved lines in dark blue and light gray originate from the bottom left corner and sweep upwards and to the right.

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What is Problem?

Problem can be defined as reservating for a film at cinema . All movie Lovers needs a program That is able to do reservation for seats. Also these reservations should be seen from cinema admins . Because everyone doesn't want to go hall without ticket .

This important problem needs a solution.

What is Solution?

Solution is a program named HUCS Cinema Reservation System . This program makes up for this shortcoming. New user can sign up and reserve a film that user wanted to watch . Also the Program is safe for everyone to hold passwords.

What does Include This Program ?

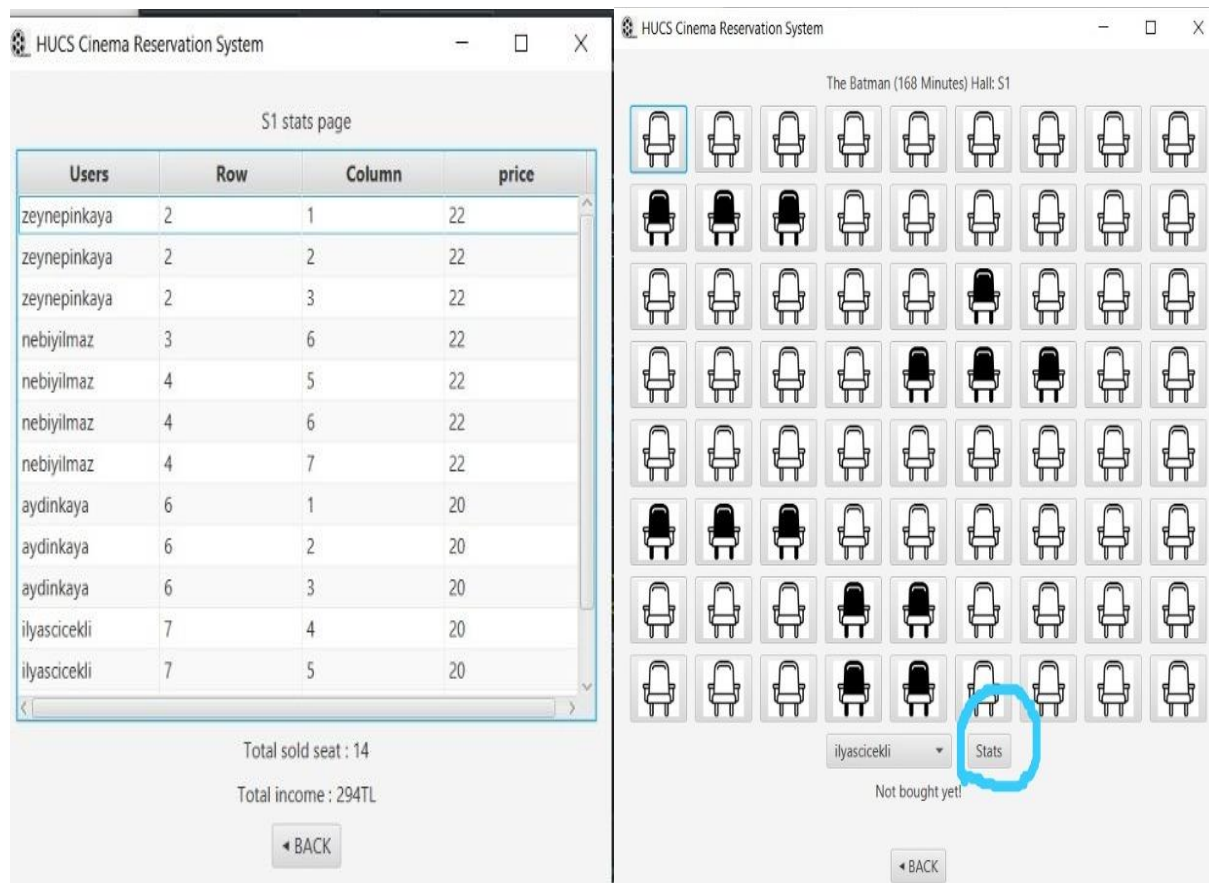
This program made by java thanks to javafx . Firstly in Ide , program's code is implemented by ReadData class to read the backup file . After ReadData is implemented , Data is held in ArrayLists and

Maps That are in Main class. Also in ReadData class new objects are implemented which are Hall , Film , Seat and User . These objects are changeable according to backup file. Afterwards , Javafx class's implementation is working . javafx class has lots of methods . All of the methods are have one scene to show like admin's hall page or normal user's hall page . It starts with loginScene and all methods call the other function according to buttons . Finally When we close the program , WriteData class writes the informations what User has done .

Of course Something can be wrong like backup file doesn't exist . But it is not a problem . Program Checks it in ReadData class and if backup file doesnt exist , one admin account is being created .

Another Problem is trying to select empty hall or film . Program is designed like if halls or films are empty , user can't go other page .

The other feature is stats Page . Admin can see all stats for a hall . How much Money is incomded or How many seats are sold . The feature is located like in image .



Program's demo video link = <https://www.youtube.com/watch?v=FOoHpVI-X30>

Benefits of This System

Program is designed for reservating a seat or seats at cinema . Therefore an user can sign up to system and can reserve seat a movie's any hall . Also this user can see which seats are reserved and thanks to this , user can reserve empty seats in his/her name . There is also lots of benefits for program owners.

Program can be used for refunding the seat , buying seat for anyone or seeing all stats in hall. Futhermore Admin person can Promote/Demote Club Member and Admin in edit Users page and arrange all films and halls in separate pages .

Benefits of GUI

GUI has visually features . So , users can just see interface that is provided by the program . Thanks to GUI just show the interface , any of user does not have to learn programming . Clicking to a button or an icon is the only thing to need to learn . This is convenient for everyone . GUI is also faster than computing commands . That's why everyone using GUI in Earth.