**MOVIE THEATER SEATING CHALLENGE 2020**

**Language**: Java

**Programmer**: Nga Phan

**Description**: The program take an input file through a path, and assign the seat through request base on first in first out basis. The program is designed to maximize both customer satisfaction and safety, in that customer satisfaction is my own defined.

**Assumption**:

* Every seats has the same cost.
* Ideal rows are the center row, which around two-third rows. In this case, ideal rows are DEFG.
* Safety will have more priority than customer satisfaction.
* Seat allocation will based on as many seats as possible.
* Customer want to sit in the same row with each other.
* Seats are booked in first come first serve basis.
* Customer who request first will get better seat.