Projektforslag til Semesterprojekt 1

- KinoXP (se herunder)
- Adventure XP (se herunder)
- Vælg selv (se herunder)

KinoXP

The owner of KinoXP needs a new IT-system to manage cinema reservations and sale of tickets to the shows, and the planning of future showings.
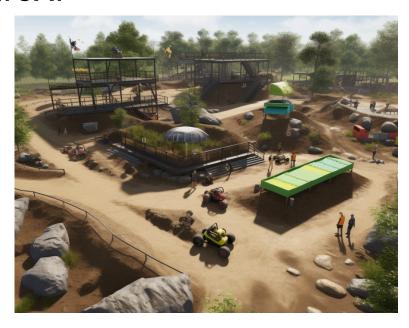

The following is known about KinoXP:

- It is a smaller cinema with 2 movie theatres.
- They are showing different categories of movies e.g., Horror, Romance, Action, Science Fiction, etc.
- There are different age limits for the individual movies.
- There are 20 rows with 12 numbered seats per row in the smallest theatre.
- There are 25 rows with 16 numbered seats per row in the largest theatre.
- At the moment, all reservations of tickets are done by phone.
- What to show, and in which theatre is planned 3 months in advance.
- Sometimes extra shows are done.
- If a movie is doing poorly, it is taken off the program before time.

The cinema has the following employees:

- 2 employees handle the reservations and the sale of tickets, they also manage the sale of popcorn, candy, soda, etc.
- 1 movie operator
- 1 employee to inspect the tickets and handle the cleaning

Hints for programmers: Make sure to design your system so it can handle more theatres, a different number of rows and seats, and a different number of employees, without requiring changes to the code.

AdventureXP

The owner of the action park **Adventure XP** needs a new IT-system to manage reservations of the activities, the equipment, etc.

The following is known about AdventureXP:

- The park offers activities such as Go-kart, Mini-golf, paintball, sumo wrestling, etc.
- There are different age limits for the individual activities.
- Private individuals can make reservations for the activities.
- AdventureXP also offers company arrangements involving several activities.

The park has the following employees:

- 2 employees for managing reservations.
- 8 employees who manage the individual activities and the maintenance of equipment.

At the moment, all reservations are made by telephone.

Vælg Selv

Skal godkendes af både SYS, Programmerings og Teknik Underviser