**MINISTRY OF EDUCATION AND TRAINING**

**UNIVERSITY OF INFORMATION TECHNOLOGY**



**SUBJECT: DATABASE MANAGEMENT SYSTEM**

**FINAL PROJECT:  
MOVIE TICKET SELLING APPLICATION**

**Made by group of:**

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**Class: IS210.L22.HTCL**

**Lecture-** **Instructors: Nguyễn Thanh Bình**

**HCM city – 2021**

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**Data integrity:**

1. **Customer who books the ticket must be fit age restriction of the movie.**

**Content**:

**Affect Range:** Datve, Nguoidung, Phim

**Affect Range Table:**

|  |  |  |  |
| --- | --- | --- | --- |
| Table | Add | Delete | Edit |
| Nguoidung | - | - | - |
| Datve | +( TaikhoanNguoidung, MaPhim) | - | +( TaikhoanNguoidung, MaPhim,) |
| Phim | - | - | +(MaPhim, AgeRestriction) |

\*\*Thêm giới hạn tuổi vào bảng phim, thêm mã phim vào Datve

1. **The date of booking must be after customer’s birthday.**

**Content**:

**Affect Range:** Datve, Nguoidung

**Affect Range Table:**

|  |  |  |  |
| --- | --- | --- | --- |
| Table | Add | Delete | Edit |
| Nguoidung | - | - | - |
| Datve | +(Ngaydat) | - | +(Taikhoannguoidung, Ngaydat) |

\*\*Thêm ngày sinh vào NguoiDung

1. **Movie’s showtime schedule must be after the release date of that movie.**

**Content**:

**Affect Range:** LichChieu, Phim

**Affect Range Table:**

|  |  |  |  |
| --- | --- | --- | --- |
| Table | Add | Delete | Edit |
| LichChieu | +(MaPhim, NgayChieu) | - | +(MaPhim, NgayChieu) |
| Phim | - | - | +( NgayChieu ) |

1. **Movie’s rating is in range of 0 to 10.**

**Content:**

**Affect Range:** Phim

**Affect Range Table:**

|  |  |  |  |
| --- | --- | --- | --- |
| Table | Add | Delete | Edit |
| Phim | +(DanhGia) | - | +( DanhGia) |

1. **Premium users receive 10% discount.**