Tietokannat Meija Lohiniva 2019

Tietokannat

# Exercise 2 - Requirements

Keltainen = Field

Oranssi = Table

# Booking Application Super Time – requirements

Super Time is a fictitious booking system that is used via a web browser. Super Time works based on following requirements.

|  |  |  |
| --- | --- | --- |
| REQ01 | The user must be able to sign in to the system and enter their name, address and phone number. |  |
| REQ02 | Admin must be able to input timeslots into the system. |  |
| REQ03 | The user must be able to book time slots in the system. |  |
| REQ04 | A timeslot can be a group or an individual timeslot. |  |
| REQ05 | A timeslot must have the following data: organiser, date, time, location and price. |  |
| REQ06 | Each user has a unique customer number. |  |
| REQ07 | The user can have several bookings at a time. |  |
| REQ08 | Locations can have only one booking at a time. |  |
| REQ09 | A booking can be in only one location. |  |
| REQ10 | A booking has a unique booking number that the user can use to cancel the booking. |  |
| REQ11 | A user can give a recommender (a person who recommended this service) upon sign up. |  |

|  |
| --- |
| USER |
| User name |
| User address |
| Phone number |
| Customer number |
| Recommender |
| Is\_admin |

|  |
| --- |
| TIMESLOT |
| Type (individual/group) |
| Organizer |
| Date |
| Time |
| Location (viittaus LOCATION tauluun) |
| Price |

|  |
| --- |
| LOCATIONS |
| Name |
| Address |
|  |

|  |
| --- |
| BOOKING |
| Unique booking number |
| User |
| Timeslot |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| USER | | | | | |
| Name | Address | Phone | customernr | recommender | admin |
| Pekka Mösjöö | Kuvatie 1 Joku kylä | 1231465654 | 455557 | Someone | No |
| Liisa Quu | Kuvatie 12 Joku kylä | 644649877 | 1654789 | Otherone | Yes |
| Henry Hee | Kuvatie 89 Joku kylä | 58789797 | 321456 | Noone | Yes |
| Lucy Luu | Kuvatie 89 Joku kylä | 321498 | 3122645 | Dude | Yes |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| LOCATIONS | | | | | |
| Type | Organizer | Date | Time | Location | Price |
| Individual | Bob | 1.1.19 | 7:30 | Barbados | 9999 |
| Group | John | 2.1.19 | 7:30 | Itis | 10 |
| Individual | Liza | 3.11.19 | 7:30 | BB-Talo | 0 |

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