



#### Relationships :

- 1) User - One-to-One with Cart : Each user has only one cart
- Many-to-One with Item : (Uploader) Each item is uploaded by one user but each user can upload multiple items. (Booker) each item can be booked by one user but user can book many items.
- 2) Cart - One-to-One with User : Each cart belongs to one user (User\_Id FK)
- One-to-Many with CartItem : a cart can contain multiple cart items.
- 3) Item - Many-to-One with user : each item is uploaded by one user and can be booked by another user.
- Many-to-Mnay with Cart : an item can be part of multiple carts (through the CartItem entity)
- 4) CartItem - Many-to-One with Cart : each cartItem is associated with just one cart
- Many-to-One with item : Each CartItem is associated with one item.