

Ownly

from Moritz Schröer

Description

Ownly is a platform for individuals who want to share common household items like power tools, kitchen tools, bike, camping gear etc. In the core functionality it should be possible for users to offer their items but also to reserve and book items from other users.

Relations

User - Item is an 1-N relationship

- A **User** **hasMany** Items.
- An **Item** **belongsTo** an Owner(user).

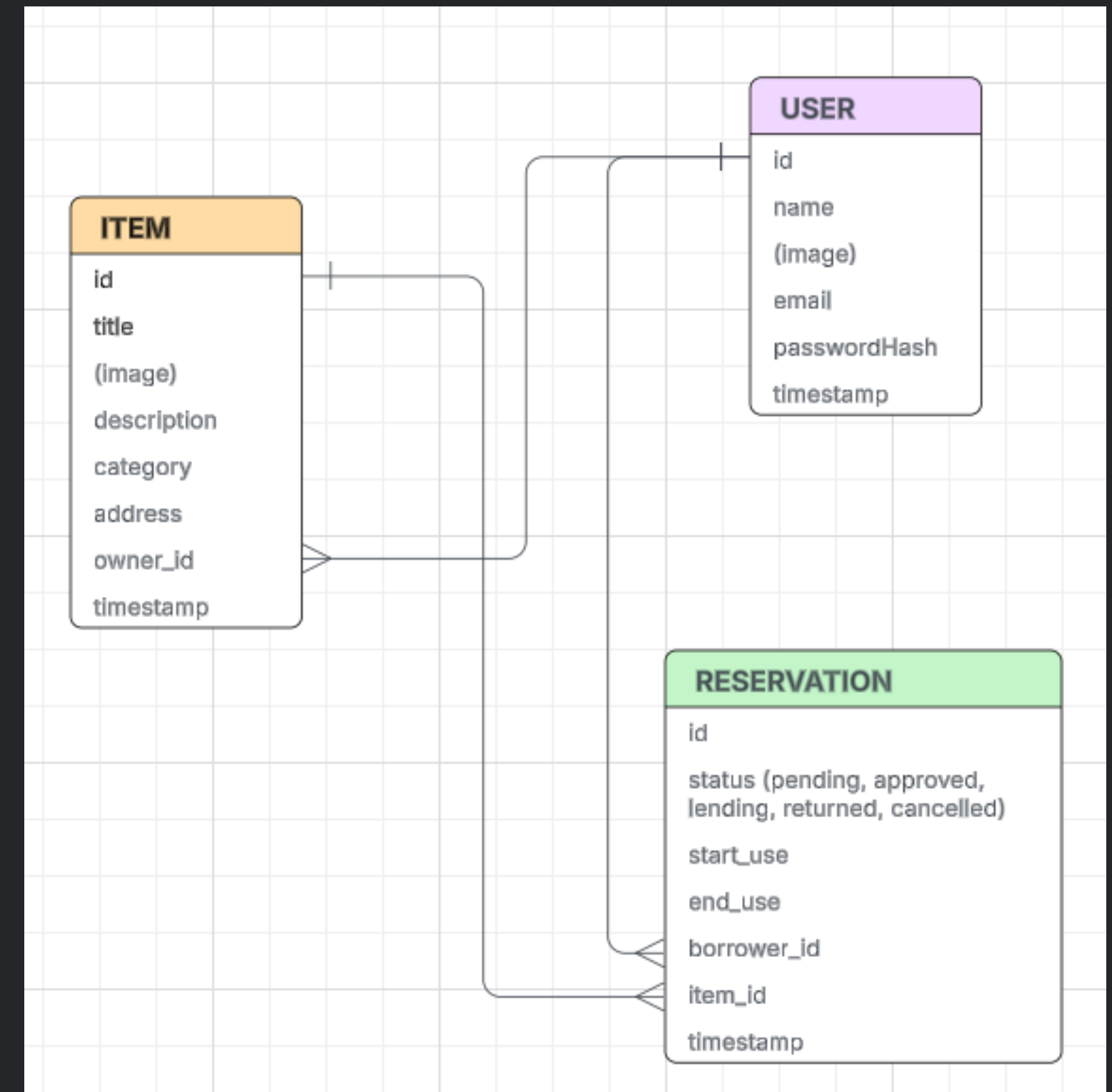
Item - Reservation is an 1-N relationship

- An **Item** **hasMany** Reservations.
- An **Reservation** **belongsTo** an Item.

User - Reservation is an 1-N relationship

- A **User** **hasMany** Reservations.
- An **Reservation** **belongsTo** an Borrower(user).

Models and their properties



Description (optional feature)

Additionally I would like to have the option that both owners and borrowers have the opportunity to review each other as a measure to build trust. The prerequisite for this is that a reservation exists and that it has the status “returned”. I put this as an additional (optional) feature, which i would love to implement but not yet sure if this is to complex for the task at hand.

additional Relations

User - Review (as author) is an 1-N relationship

- An **User** **hasMany** written reviews
- An **Review** **belongsTo** an author(Borrower or Owner)

User - Review (as recipient) is an 1-N relationship

- An **User** **hasMany** recieved reviews
- An **Review** **belongsTo** an author(Borrower or Owner)

Reservation - Review is an 1-N relationship

- A **Reservation** **hasMany** reviews (up to two)
- An **Review** **belongsTo** a reservation

User-Reservation (borrower) is a 1-N relationship

- A **User** **hasMany** reservations as borrower
- A **Reservation** **belongsTo** a borrower (user)

User-Reservation (owner) is a 1-N relationship

- A **User** **hasMany** reservations as owner
- A **Reservation** **belongsTo** an owner (user)

Models and their properties

