Information Technology Institute

Book-Store

https://github.com/alibayomy/Book-Store-Client-Side-React
https://github.com/MohamedSalahdj/Django-Book-Store

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TOPICS

- PROJECT DESCRIPTION
- PROBLEM TO BE SOLVED
- CLIENT IF EXISTS
- FEASIBILITY STUDY
- PROJECT STRUCTURE
- DIAGRAM
- POSSIBLE USERS & ROLES
- TECHNOLOGIES USED
- DEMO

Project Idea

Project Description :

- Our project Online Book Store aims to bridge the gap between readers , authors , publishers by providing a seamless digital marketplace accessible from anywhere in the world Each user will have their distinct role within the platform .

Users :

- Readers
- Publishers
- Authors

Problem To Be Solved :

- Customers may find it less convenient to purchase books from the store .

- Without book store online platform, your bookstore is limited to its physical operating hours potentially missing out on sales during evenings, weekends, and holidays.

- so we decide to encourage reader to access the books easily A physical bookstore can only attract customers who are in close proximity, potentially missing out on customers from different geographic locations.

Feasabilty Study

Market Analysis:

- Without an online store, market reach is limited to local customers.
- Physical stores miss out on customers from different regions.
- Online platform expands reach globally, attracting customers worldwide.

Financial Analysis:

- Physical stores have limited operating hours.
- Online platform operates 24/7, maximizing sales potential.
- Initial investment in online platform development leads to increased revenue.

Conclusion:

- Integrating an online platform overcomes physical store limitations.
- Expands customer base globally.
- Increases revenue potential with extended operating hours.
- Essential for adapting to changing retail landscape.

Project Features

Functional Requirements

- User registration and authentication
- Book review and rating
- Shopping cart
- Ordering and checkout
- User profile
- Search and filtering

Non Functional Requirements

- Performance
- Security
- Usability
- Maintainability

Possible Users & Roles

Customer:

- login
- register
- view book
- search book
- order book
- review book
- payment after ordering
- update profile
- change password
- checkout

Publisher :

- login
- register
- add book
- up date book
- delete book
- view list order
- view the dashboard
- Add Author
- delete Author

Admin :

- register
- login
- All crud operations on users
- All crud operations on books
- manage cart and orders
- Add category

Tools & Technologies

Technologies Used :

Front end :
- html
- css
- java script
- bootstrap
- react

Backend :
- Python
- Django
- Restful ApI
- Data base sqlite

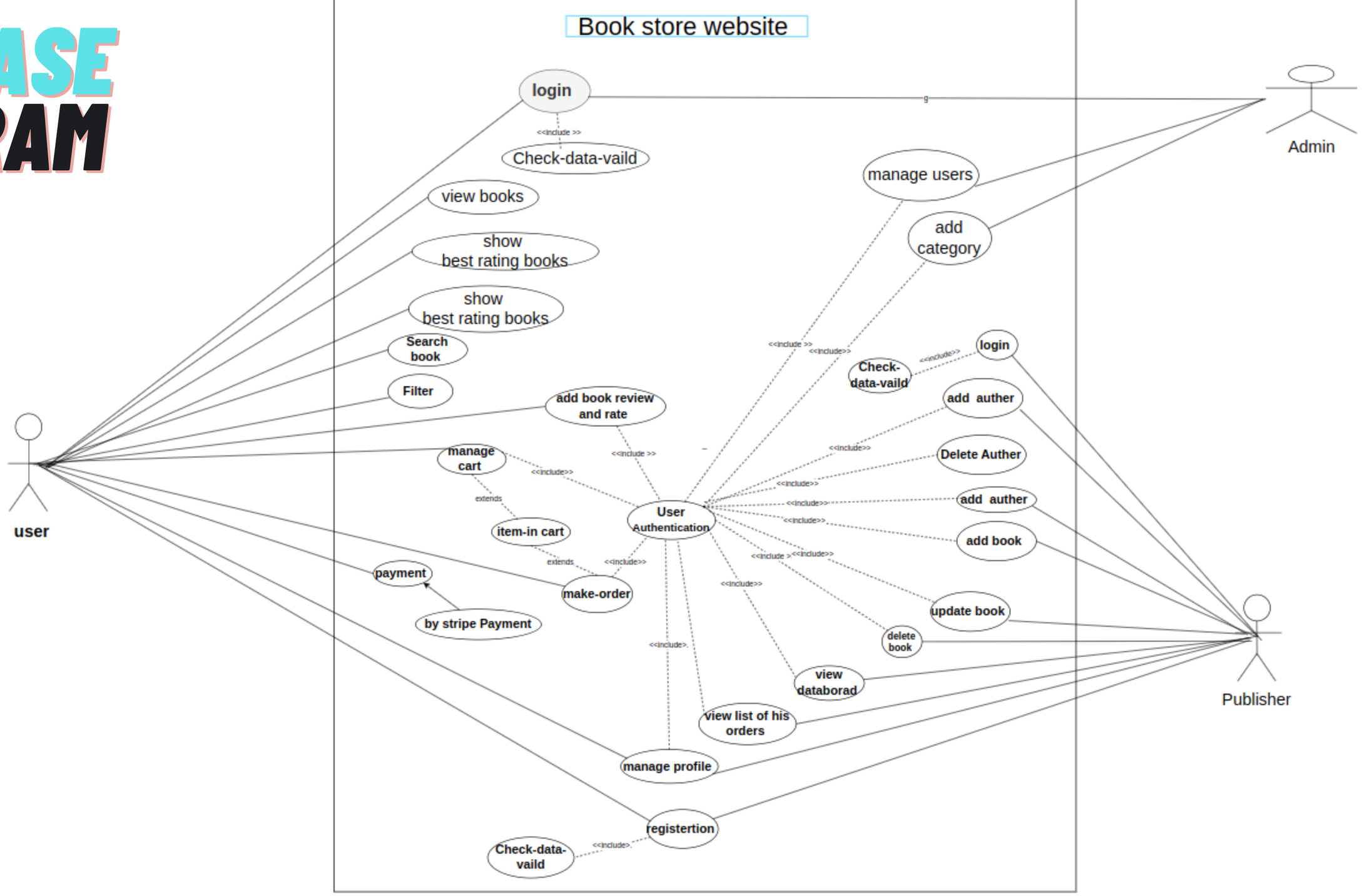
Version control :
- git
- github

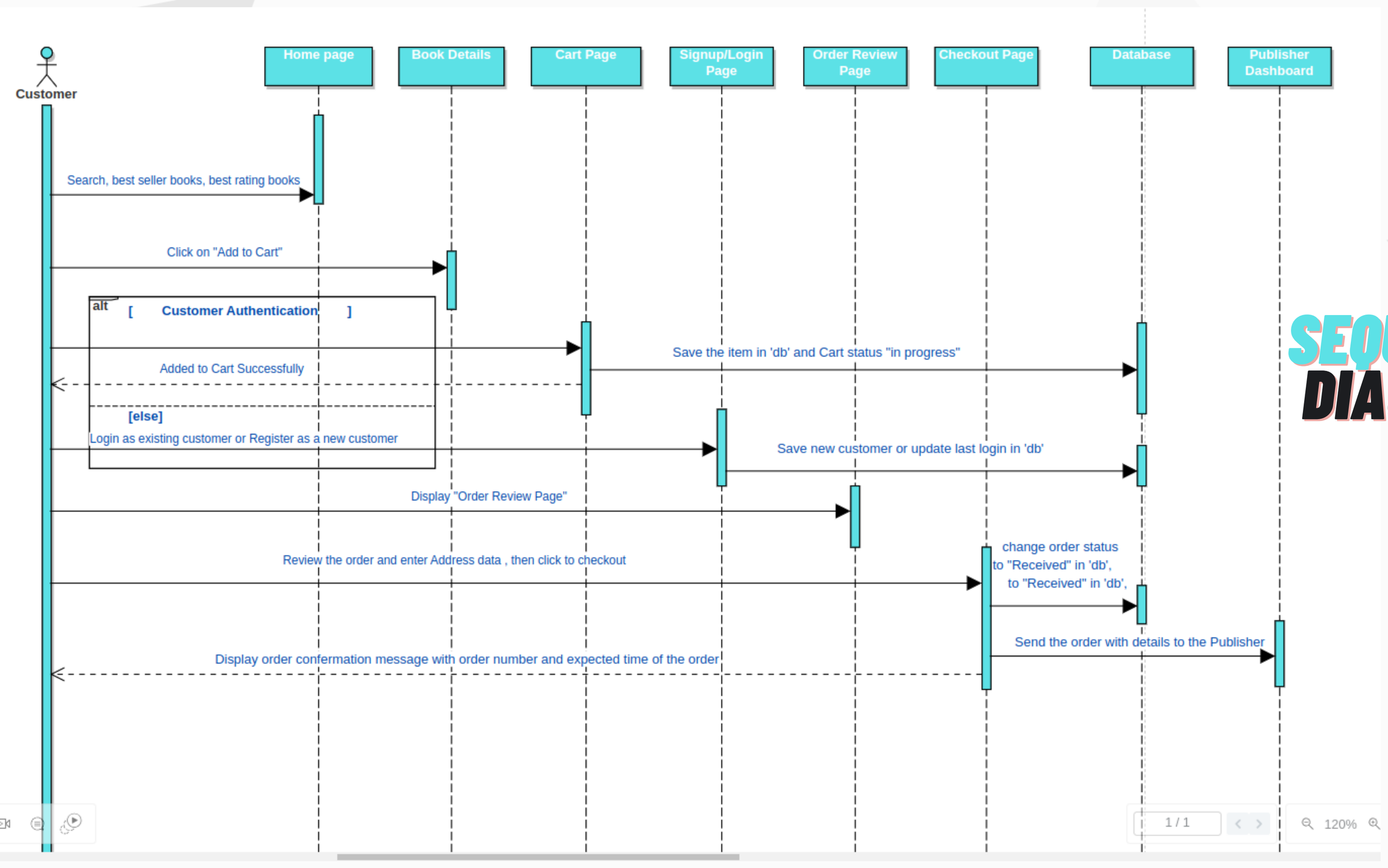
Project structure used :

- Login page
- Register page
- home page
- Books page
- Search book
- Book category
- Publisher Order list
- Customer Order List
- Publisher Dashboard
- Admin Panel
- Add author page
- filter book
- Cart
- order
- Payment
- Checkout
- User Profile

Diagrams

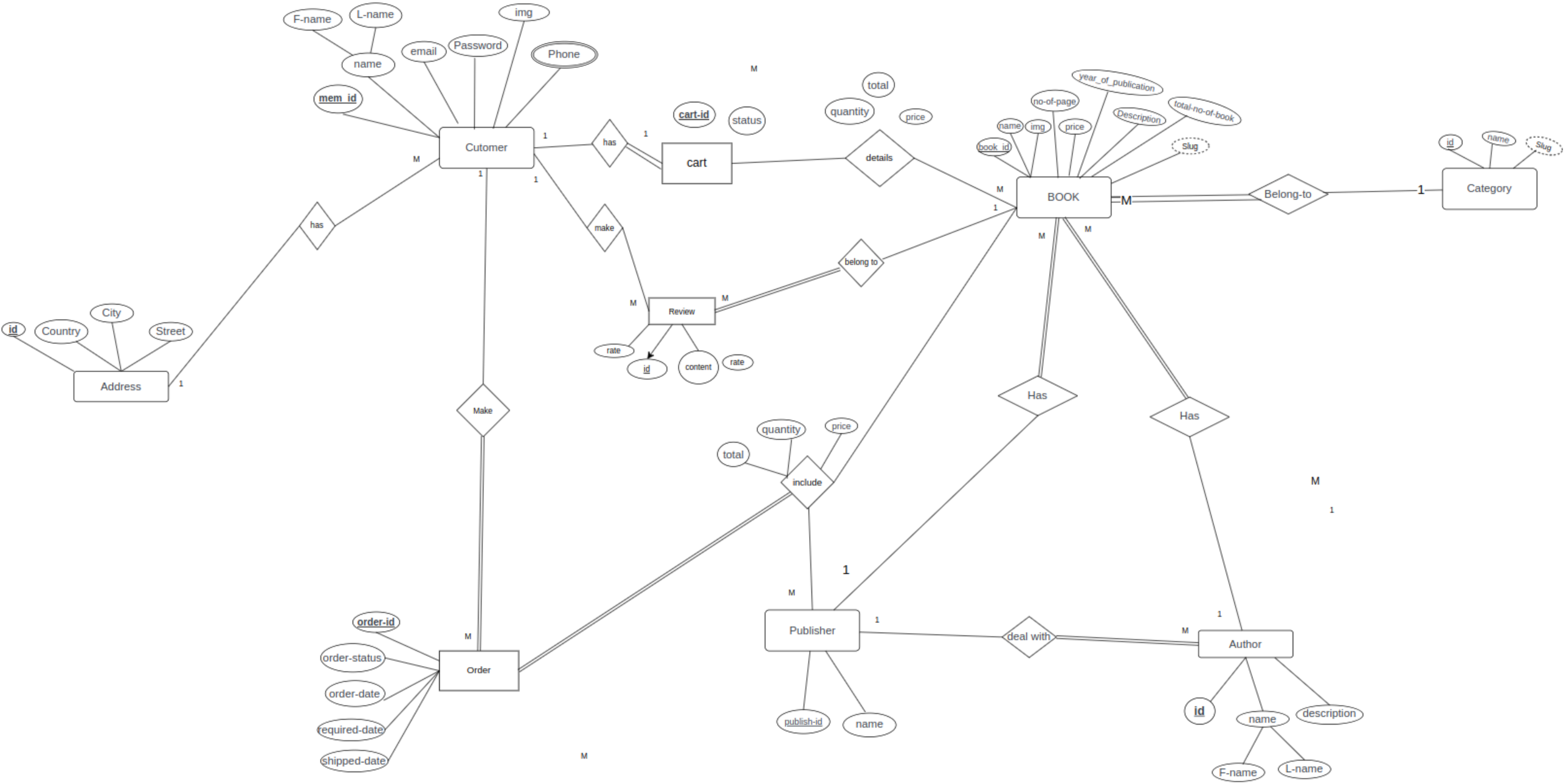
USE CASE DIAGRAM





SEQUENCE DIAGRAM

ER DIAGRAM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City
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Make
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quantity
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total
include
order-id
order-status
order-date
required-date
shipped-date
Order
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deal with
Author
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name
id
name
description
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1
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Demo