

CSCI-5448 Project Part 2

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Title: Magazine Shopping System

GitHub link: https://github.com/JinpengMiao/CSCI-5448_Project

Project Summary: This project focuses on creating an online magazine shopping system that simulate a real-world shopping system allowing customers to purchase various types of magazines based on their tastes and keeping track of their customers and their corresponding order situation. A database will be created to store magazine and users' information, as shown in Fig 1. There are two main roles: customers and admin, who have different privileges. Admin can add or remove customers and add or remove magazines. Customers can search magazines directly and view magazines' detailed information including type, name, publishing date, price. Customers also can register to add magazines to their own shopping cart and purchase magazines. Additionally, once there are new magazines added into the system, all the customers will be notified.

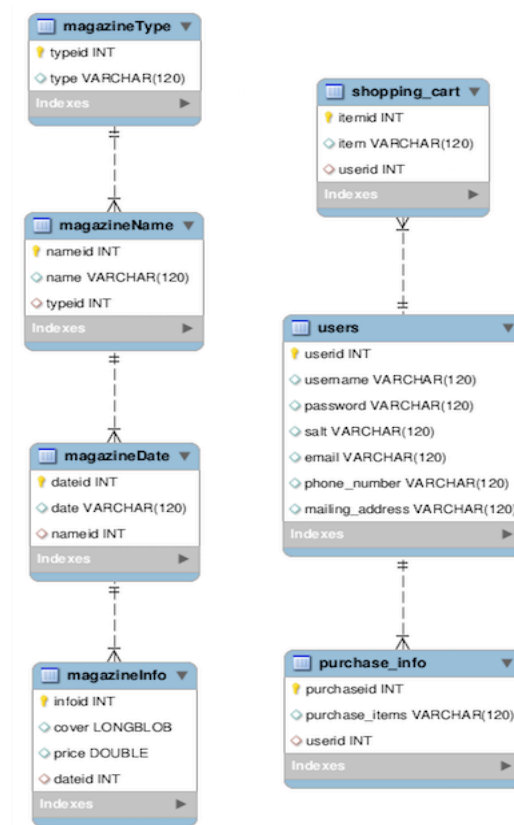


Fig 1

Project Requirements:

ID	Requirements	Responsibilities
PR-01	Customers and admin can view magazines.	User, magazine, database
PR-02	Customers can sign up.	Customer, database
PR-03	Customers can login.	Customer, database
PR-04	Customers can logout.	Customer
PR-05	Customers and admin can search for magazines.	User, magazine, database
PR-06	Customers can add magazines to their own shopping cart.	Customer, database
PR-07	Customers can view their own shopping cart.	Customer, database
PR-08	Customers can check out.	Customer, shoppingCart database
PR-09	Customers can view their own order history.	Customer, purchaseHistory, database
PR-10	Admin can add or remove customers.	Admin, Customer, database
PR-11	Admin can add or remove magazines.	Admin, magazine, database
PR-12	Admin can notify all customers when new magazines added.	Admin, Customer, database

UI Mockups:

① Index Page :

Hand-drawn UI mockup of the Index Page for a Magazine Shopping System. The page is enclosed in a rectangular border. At the top left, the title "Magazine Shopping System" is written in a cursive font. In the top right corner, there is a "Logout" link with a small arrow pointing to it. Below the title, there are two input fields: "Username" and "Password", each followed by a rectangular box representing the input area. At the bottom, there are two buttons: "Login" and "Register", each enclosed in a rectangular box.

② User (customer)

Hand-drawn UI mockup of the User (customer) page for a Magazine Shopping System. The page is enclosed in a rectangular border. At the top left, the title "Magazine Shopping System" is written in a cursive font. In the top right corner, there is a "Logout" link with a small arrow pointing to it. Below the title, there are four buttons stacked vertically: "View all magazines", "Search magazine", "Shopping Cart", and "View Order". Each button is enclosed in a rectangular box with diagonal hatching.

③ User (Admin).

Hand-drawn UI mockup of the User (Admin) page for a Magazine Shopping System. The page is enclosed in a rectangular border. At the top left, the title "Magazine Shopping System" is written in a cursive font. In the top right corner, there is a "Logout" link with a small arrow pointing to it. Below the title, there are four buttons stacked vertically: "View all magazines", "Search magazine", "Change customer", and "Change magazine". Each button is enclosed in a rectangular box with diagonal hatching.

④ Register

Magazine Shopping System

Username

Password

Retype Password

Email

phone No.

Mailing Addr

⑤ view all magazines

Magazine Shopping System

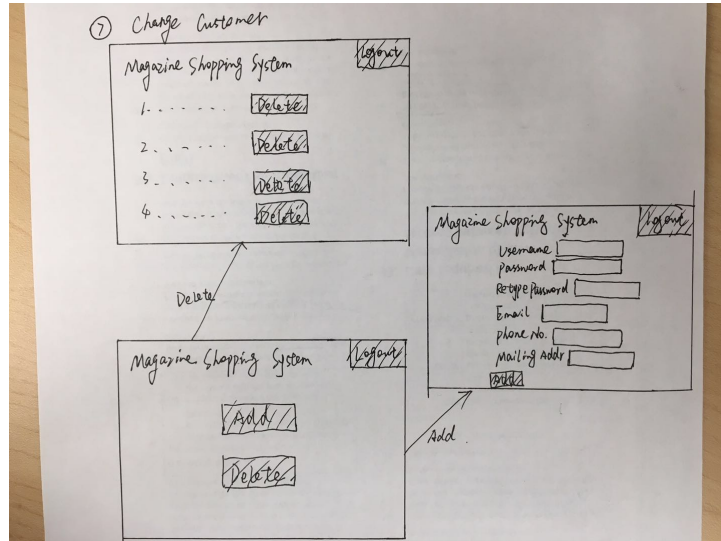
	type	name	publishing date	Price
1.	-	-	-	<input type="button" value="Buy"/>
2.	-	-	-	<input type="button" value="Buy"/>
3.	-	-	-	<input type="button" value="Buy"/>
4.	-	-	-	<input type="button" value="Buy"/>
⋮				⋮

⑥ Search

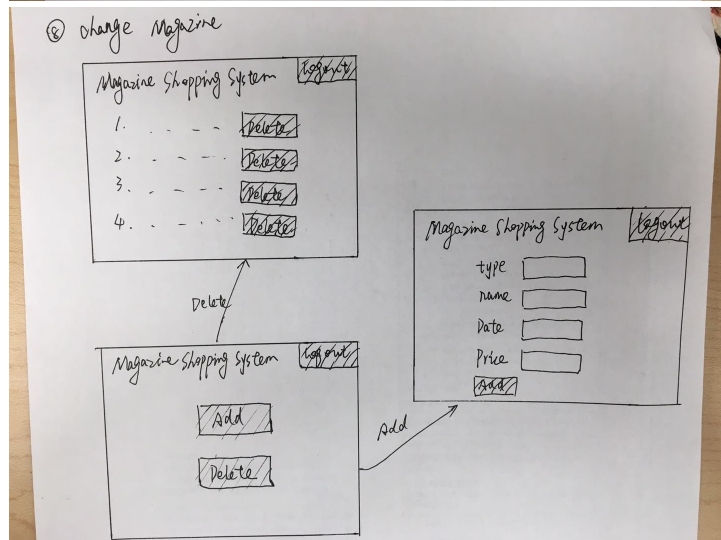
Magazine Shopping System

keyword

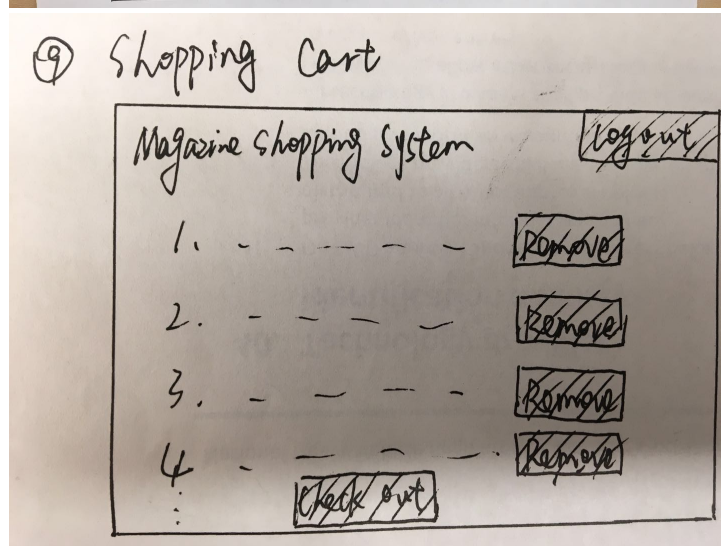
⑦ Change Customer

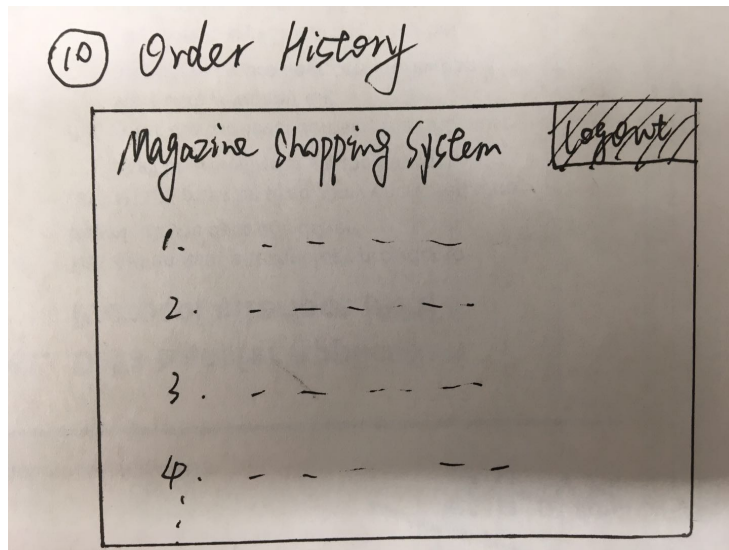


⑧ change Magazine



⑨ Shopping Cart





Class Diagram:

